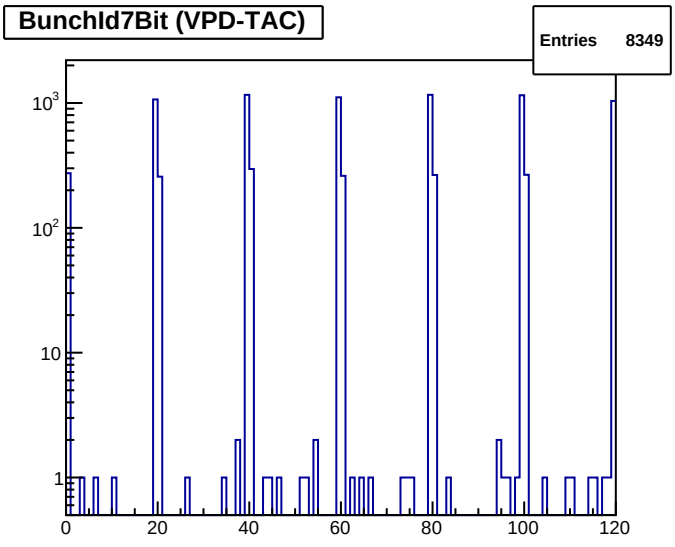
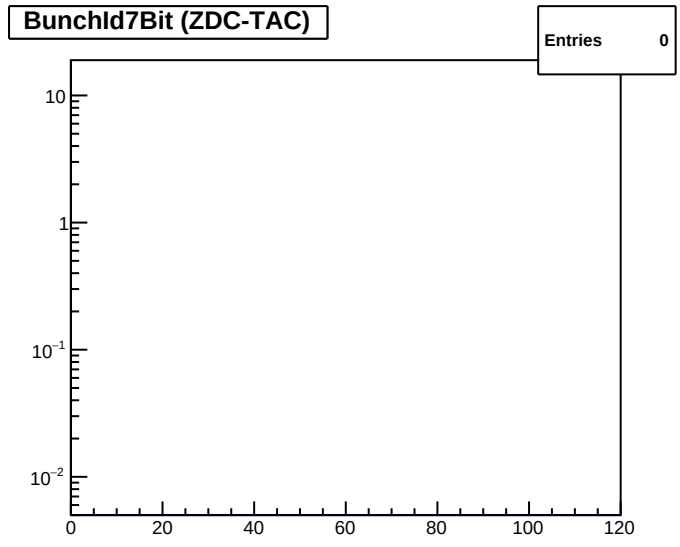
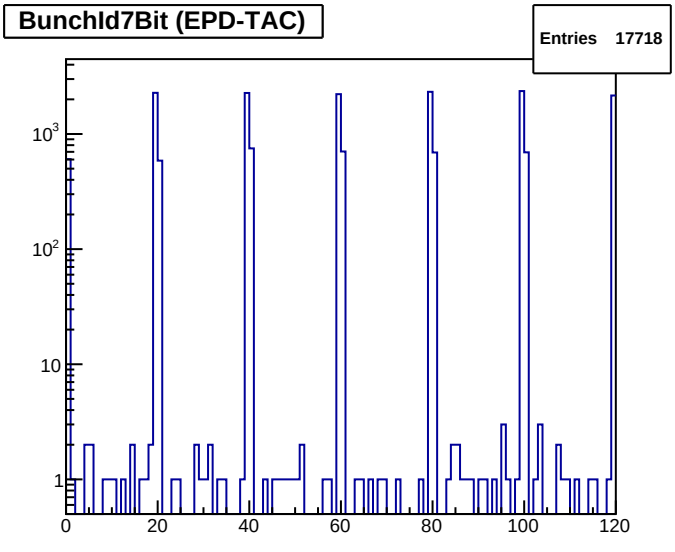
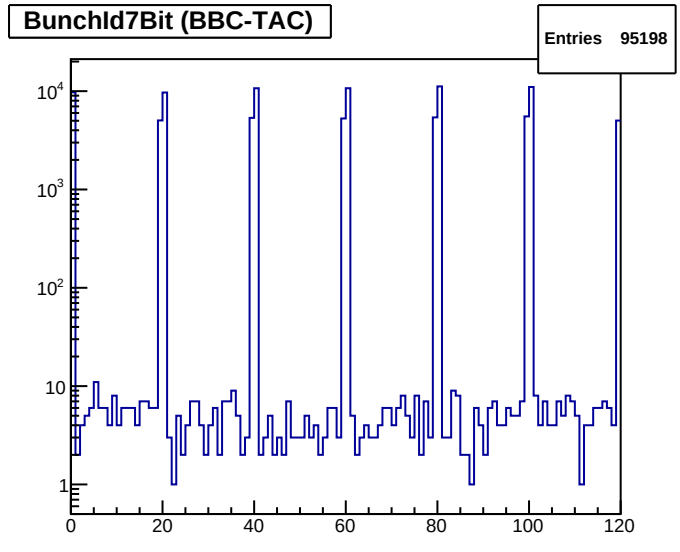
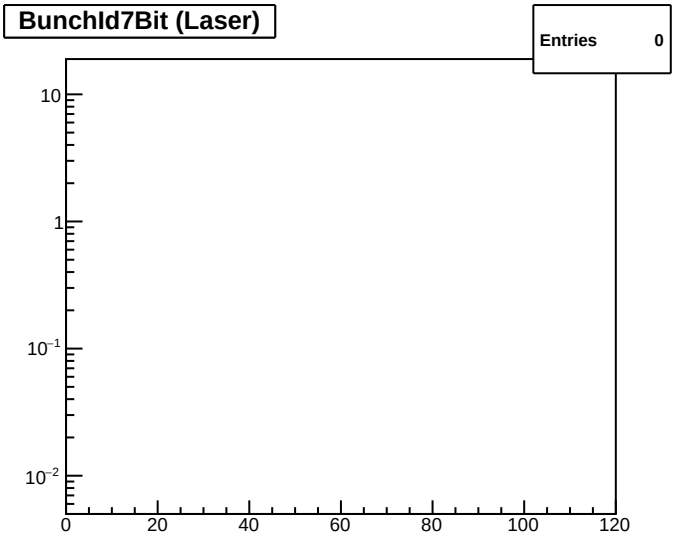
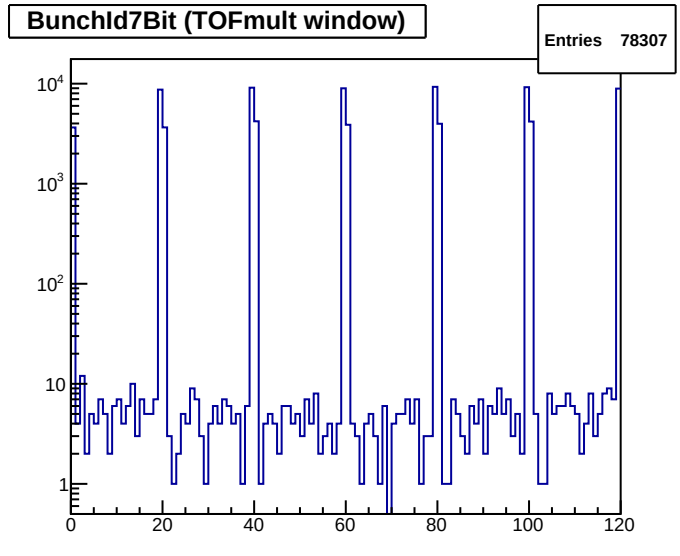

BunchId7Bit (VPD-TAC)
Entries 8349

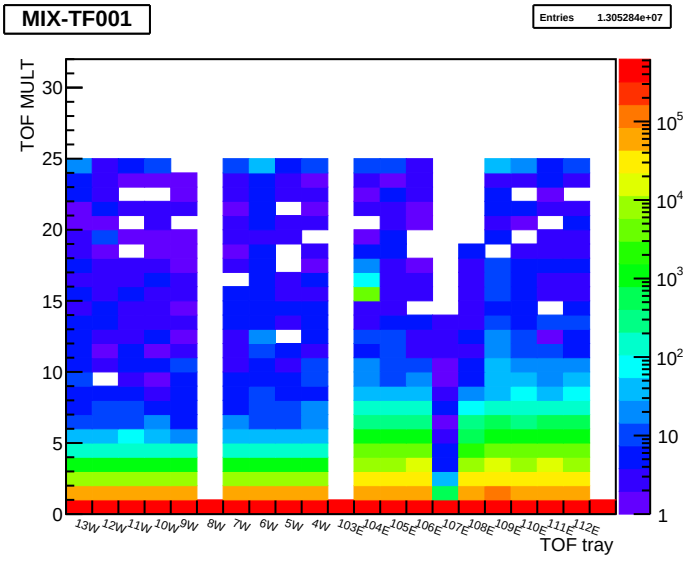

BunchId7Bit (ZDC-TAC)
Entries 0

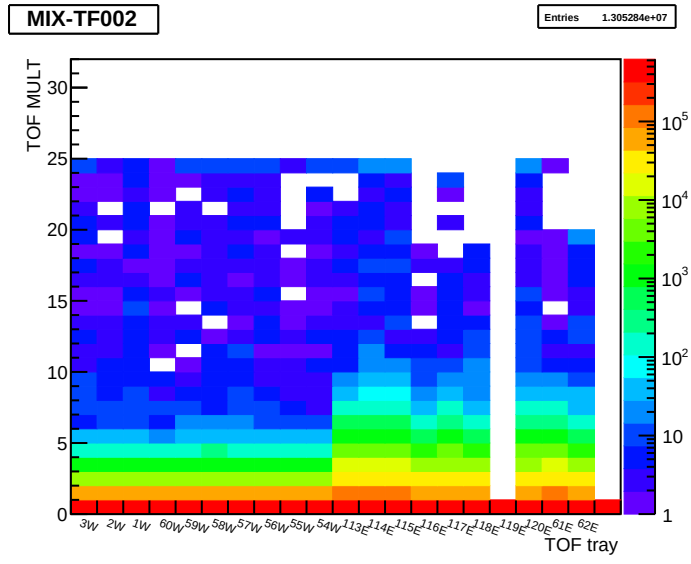

BunchId7Bit (EPD-TAC)
Entries 17718

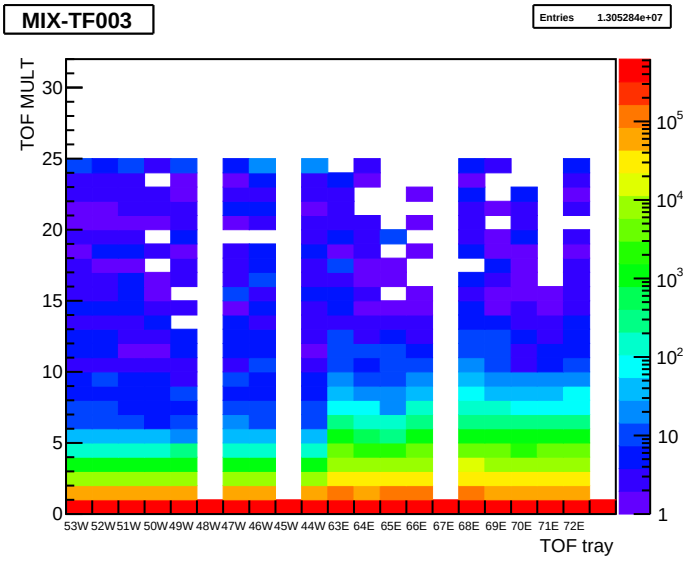

BunchId7Bit (BBC-TAC)
Entries 95198

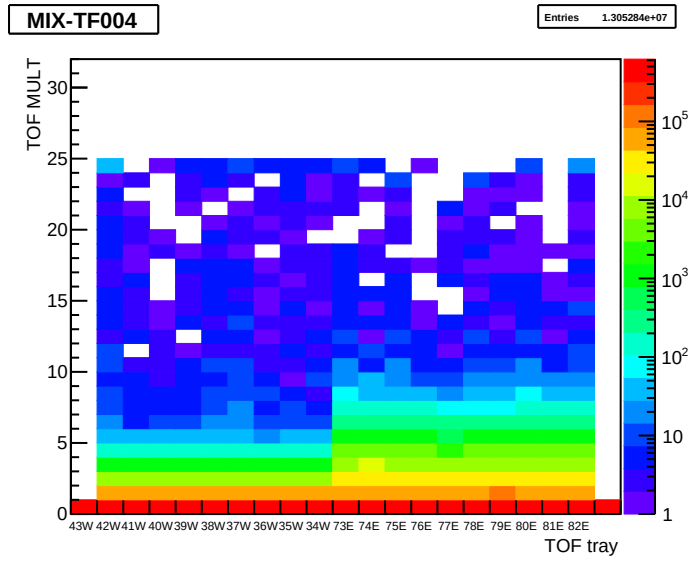

BunchId7Bit (Laser)
Entries 0

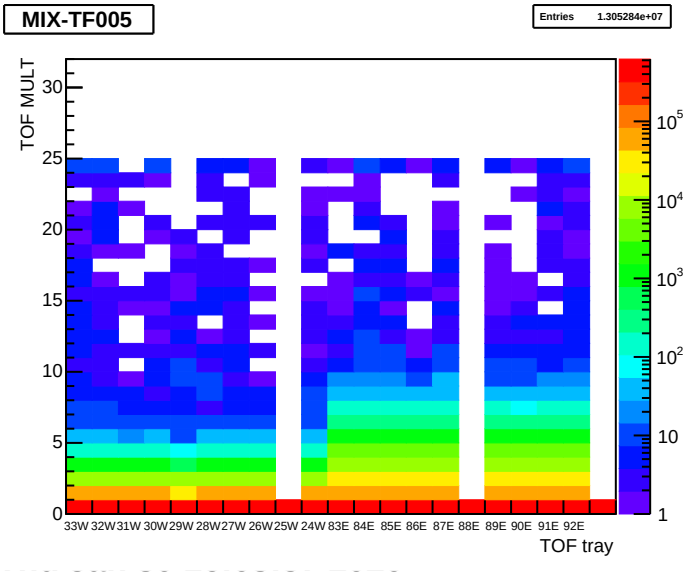

BunchId7Bit (TOFmult window)
Entries 78307

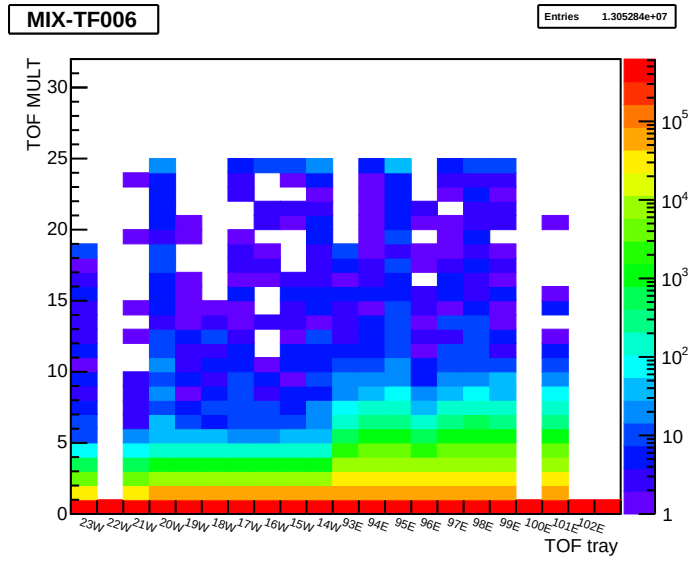

MIX-TF001
Entries 1.305284e+07
TOF MULT
TOF tray

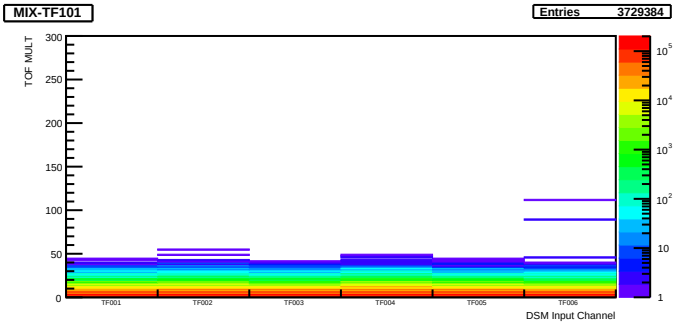

MIX-TF002
Entries 1.305284e+07
TOF MULT
TOF tray

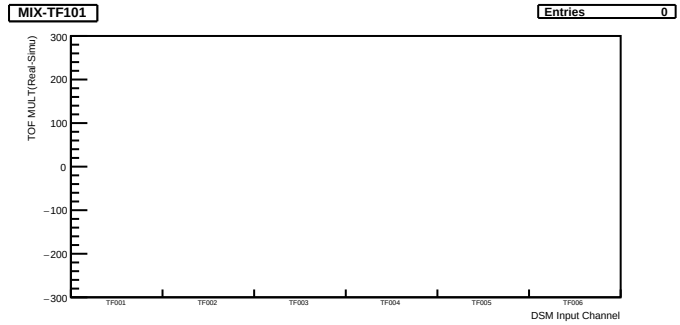

MIX-TF003
Entries 1.305284e+07
TOF MULT
TOF tray

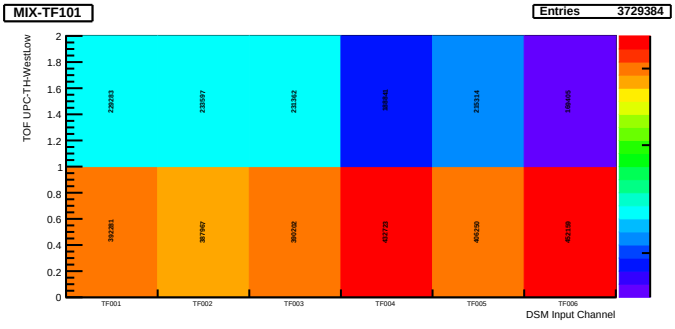

MIX-TF004
Entries 1.305284e+07
TOF MULT
TOF tray

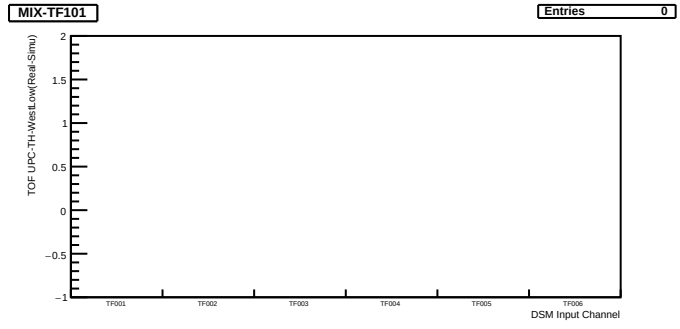

MIX-TF005
Entries 1.305284e+07
TOF MULT
TOF tray

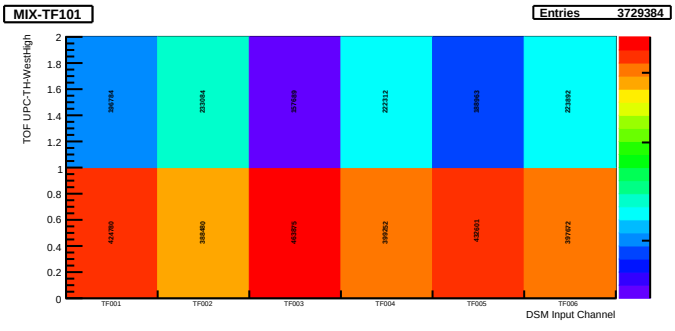

MIX-TF006
Entries 1.305284e+07
TOF MULT
TOF tray

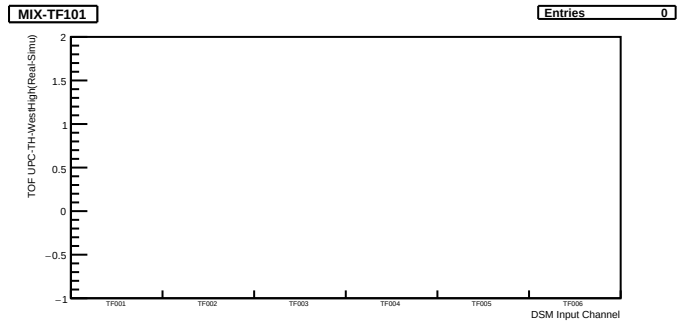

MIX-TF101
Entries 3729384
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

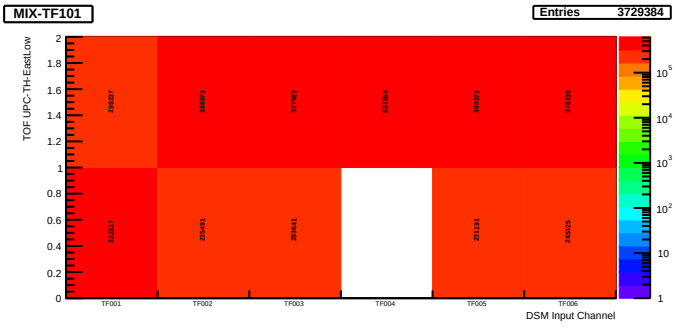

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

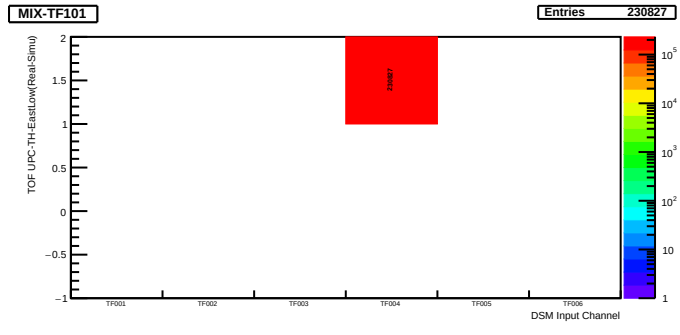

MIX-TF101
Entries 3729384
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

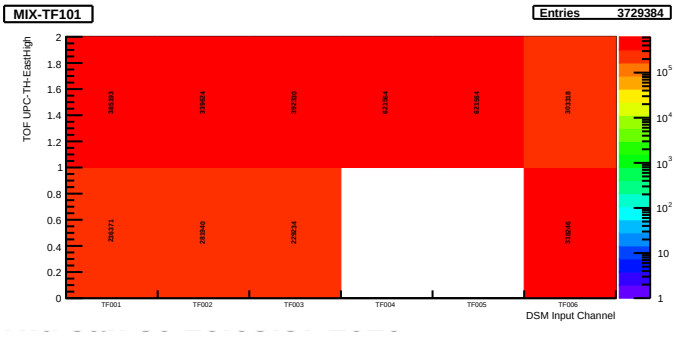

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

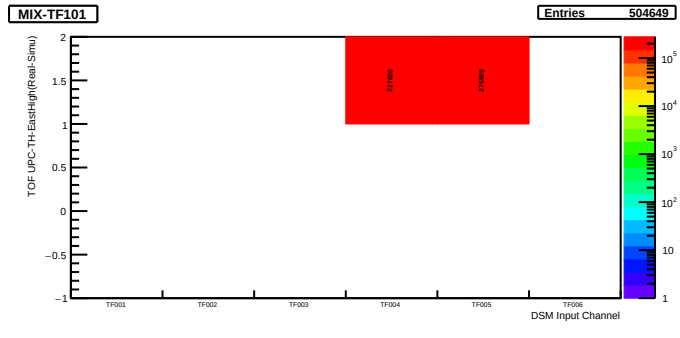

MIX-TF101
Entries 3729384
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

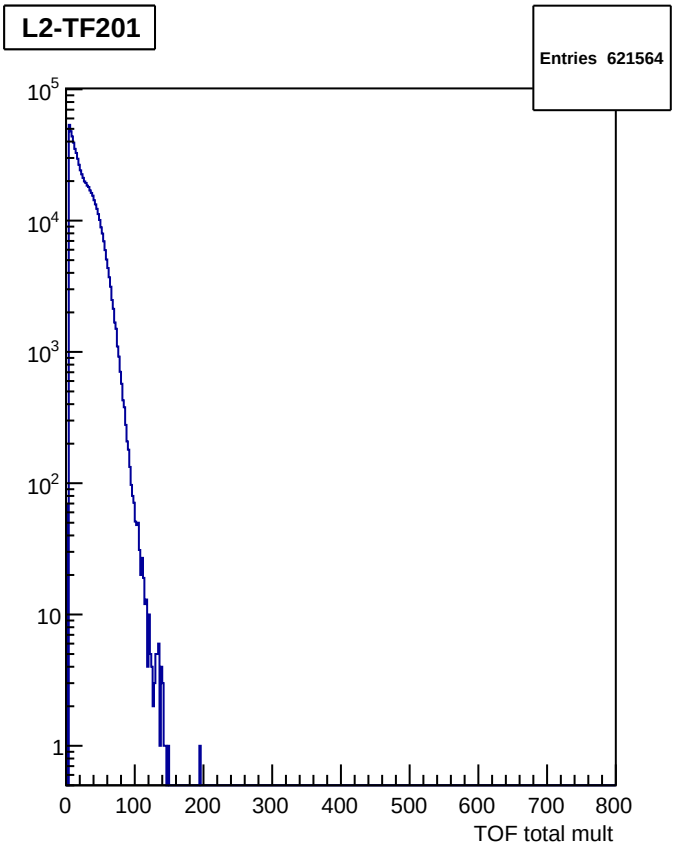

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

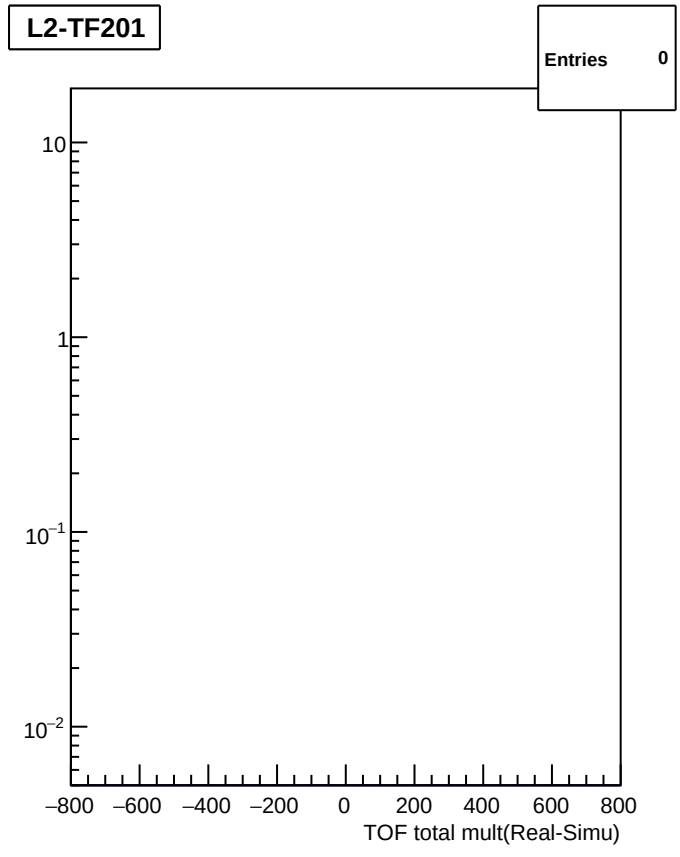

MIX-TF101
Entries 3729384
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

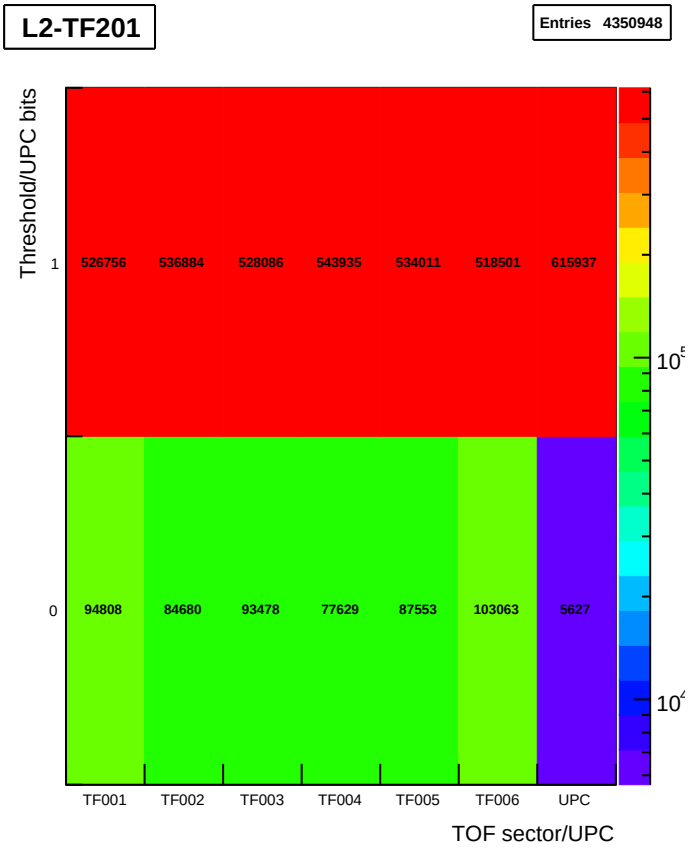

MIX-TF101
Entries 230827
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

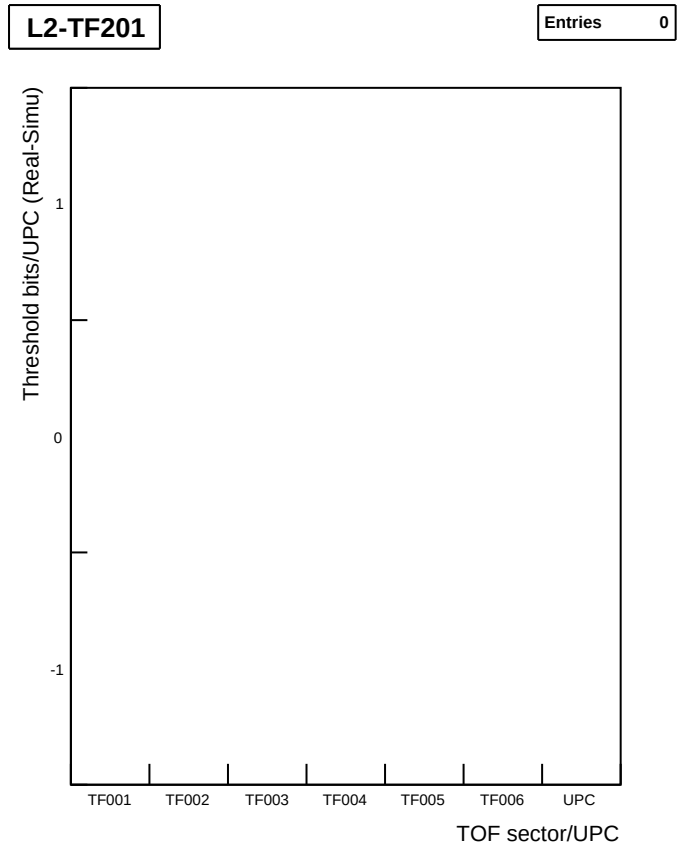

MIX-TF101
Entries 3729384
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

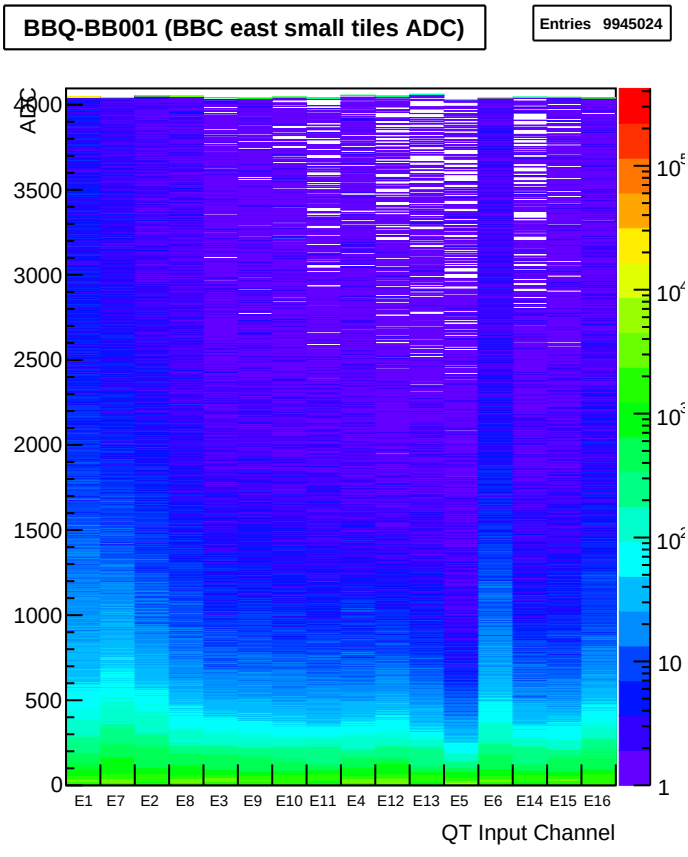

MIX-TF101
Entries 504649
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

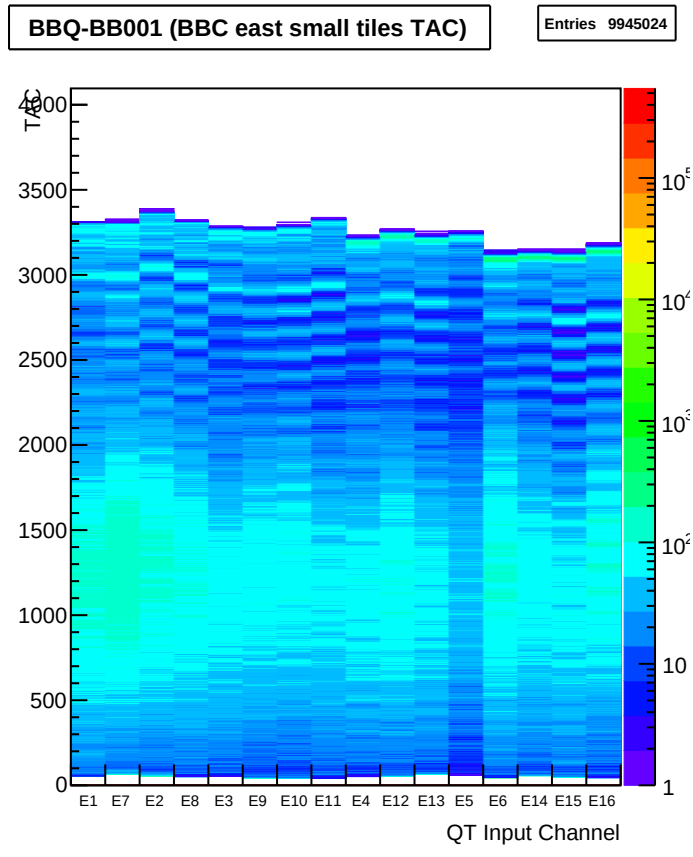

L2-TF201
Entries 621564
TOF total mult

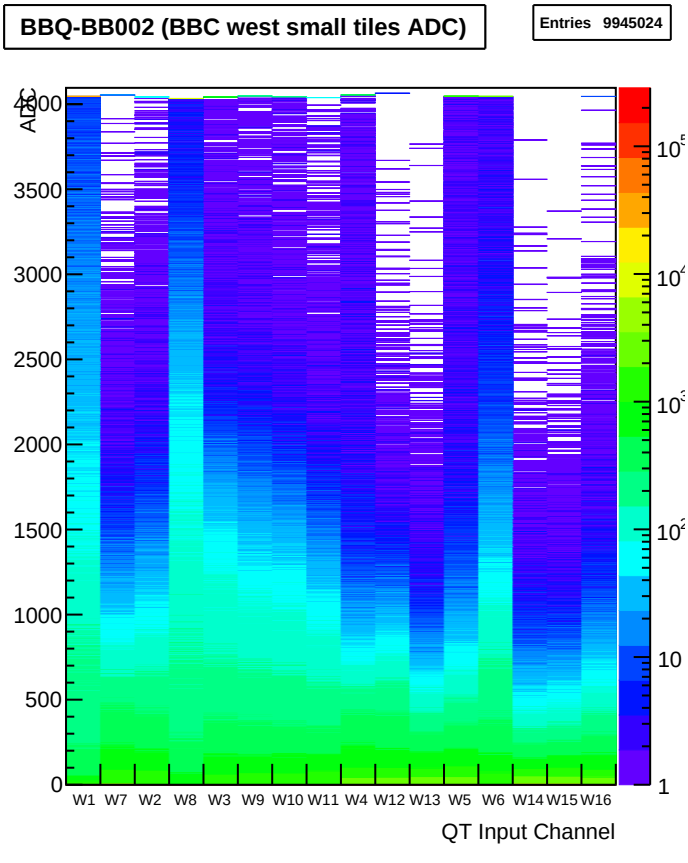

L2-TF201
Entries 0
TOF total mult(Real-Simu)

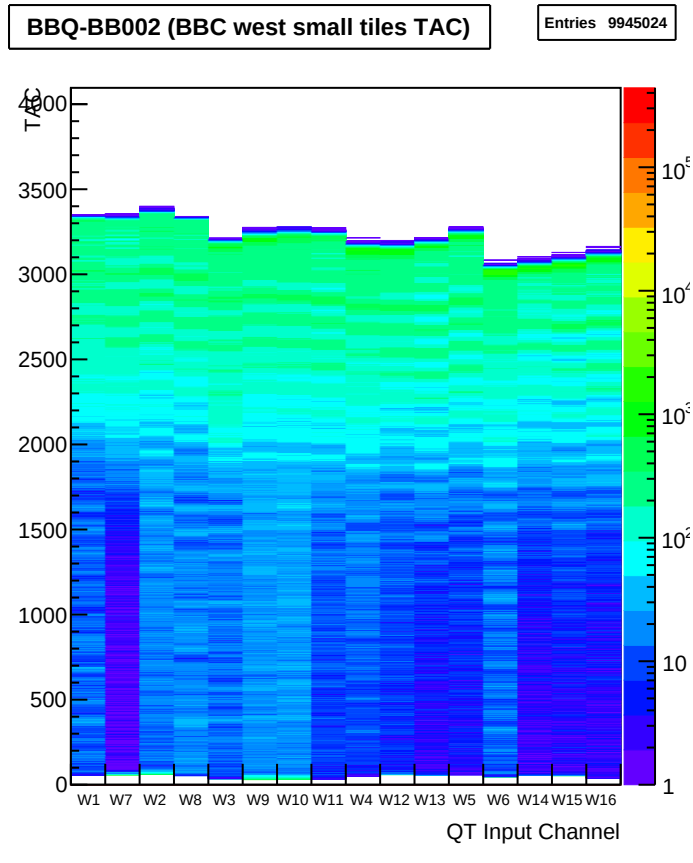

L2-TF201
Entries 4350948
Threshold/UPC bits
526756
536884
528086
543935
534011
518501
615937
94808
84680
93478
77629
87553
103063
5627
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

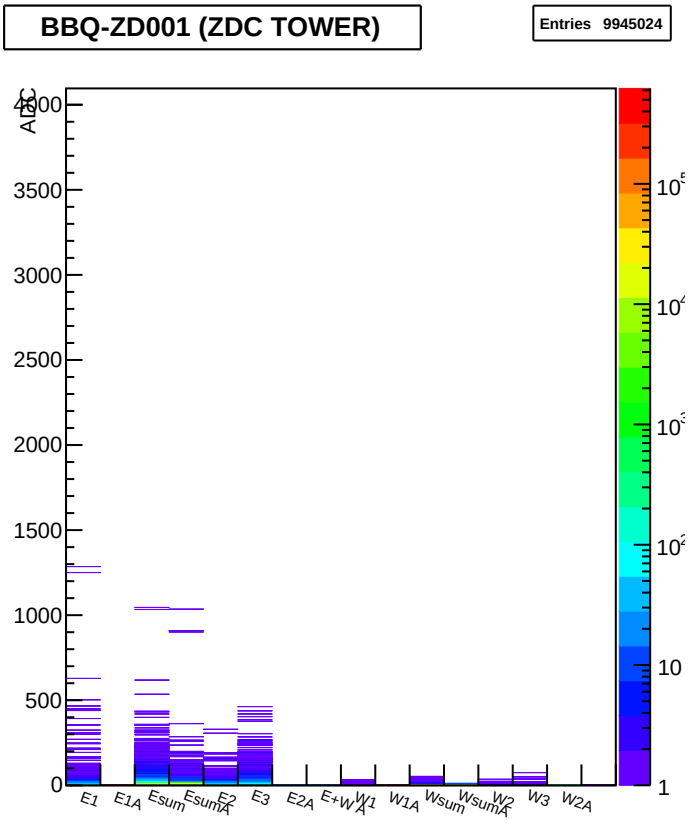

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

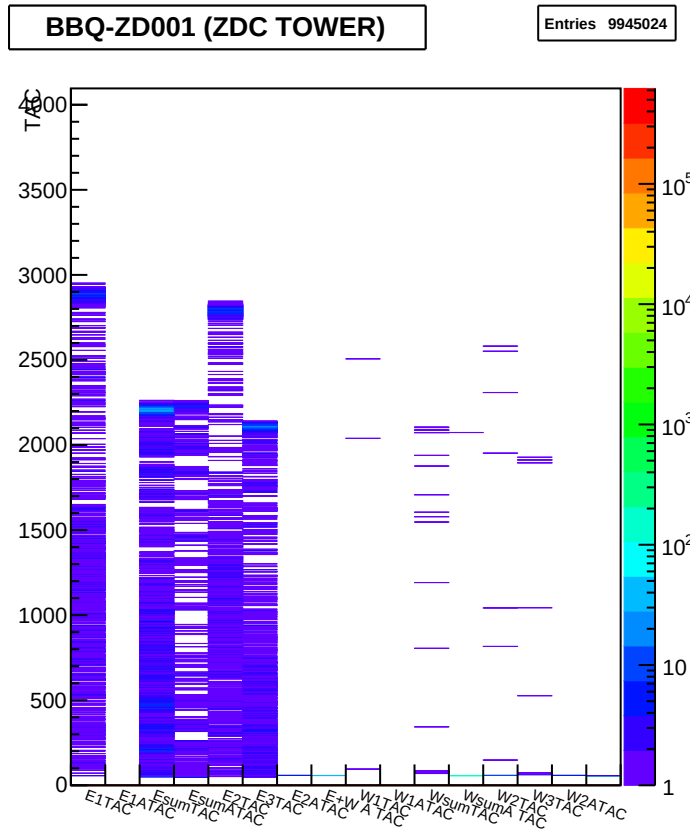

BBQ-BB001 (BBC east small tiles ADC)
Entries 9945024
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

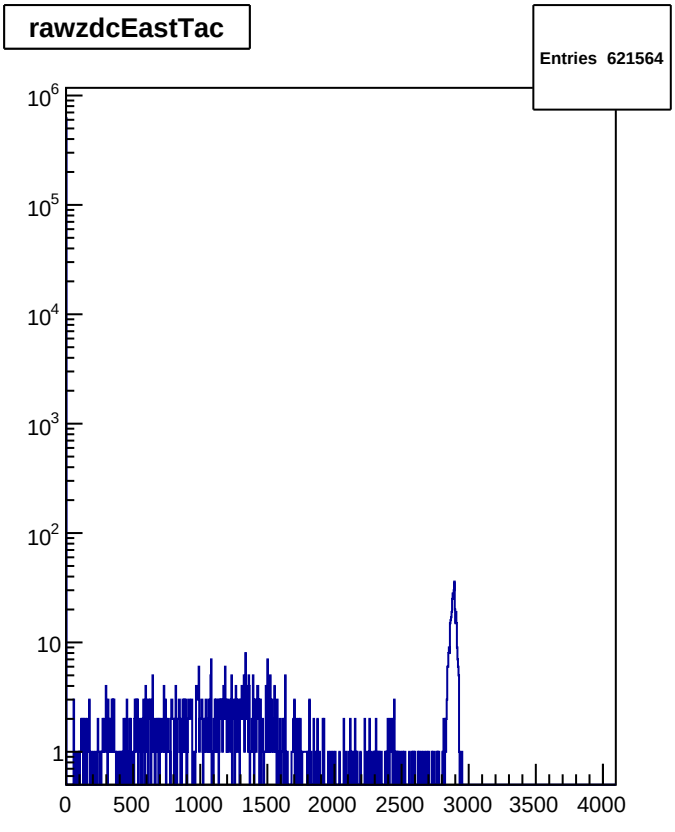

BBQ-BB001 (BBC east small tiles TAC)
Entries 9945024
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

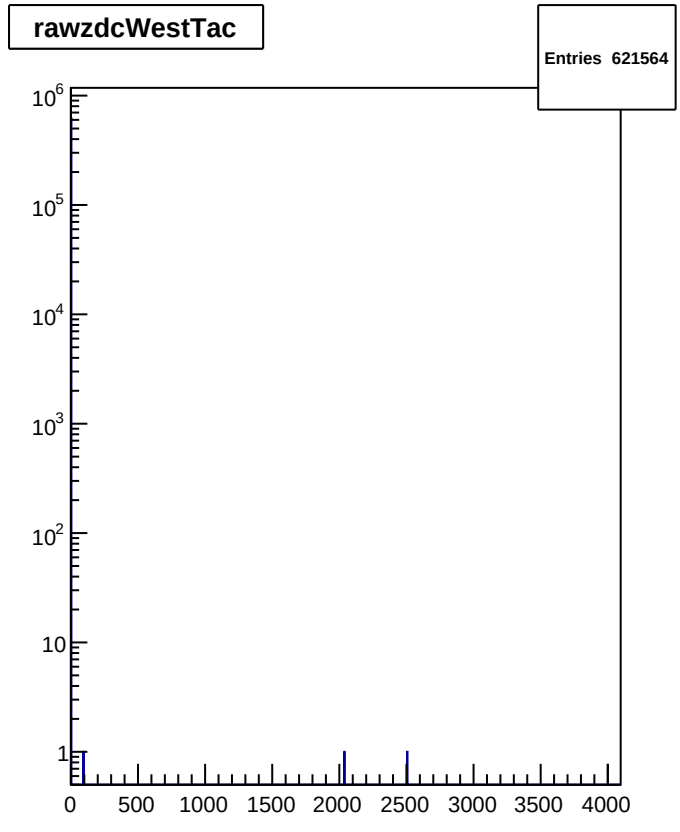

BBQ-BB002 (BBC west small tiles ADC)
Entries 9945024
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

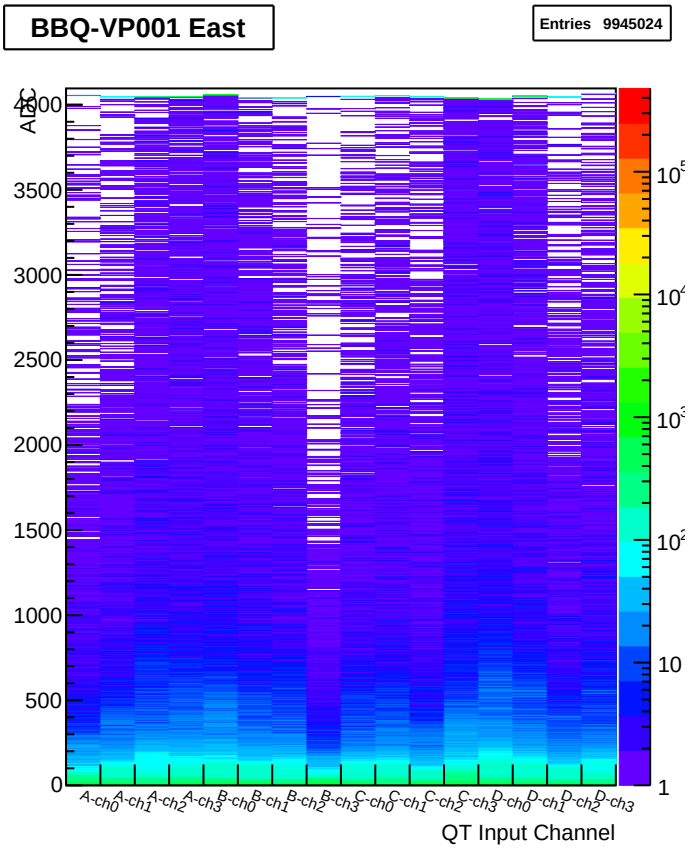

BBQ-BB002 (BBC west small tiles TAC)
Entries 9945024
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

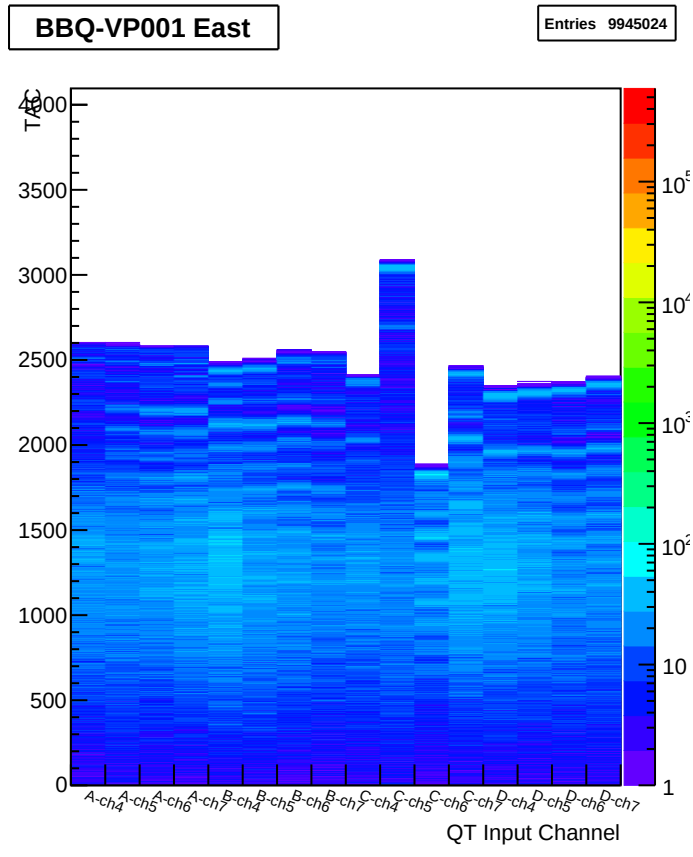

BBQ-ZD001 (ZDC TOWER)
Entries 9945024
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

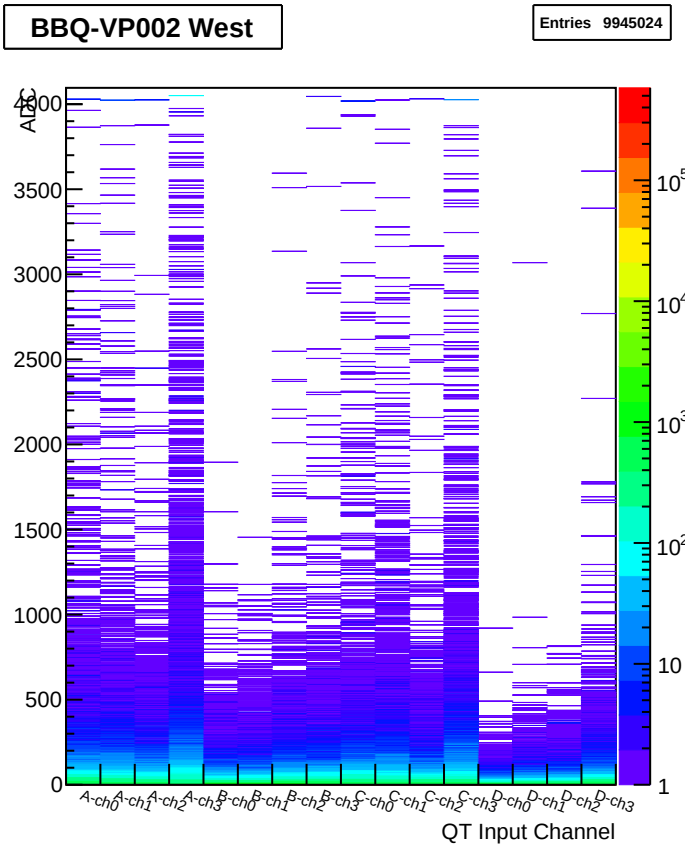

BBQ-ZD001 (ZDC TOWER)
Entries 9945024
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

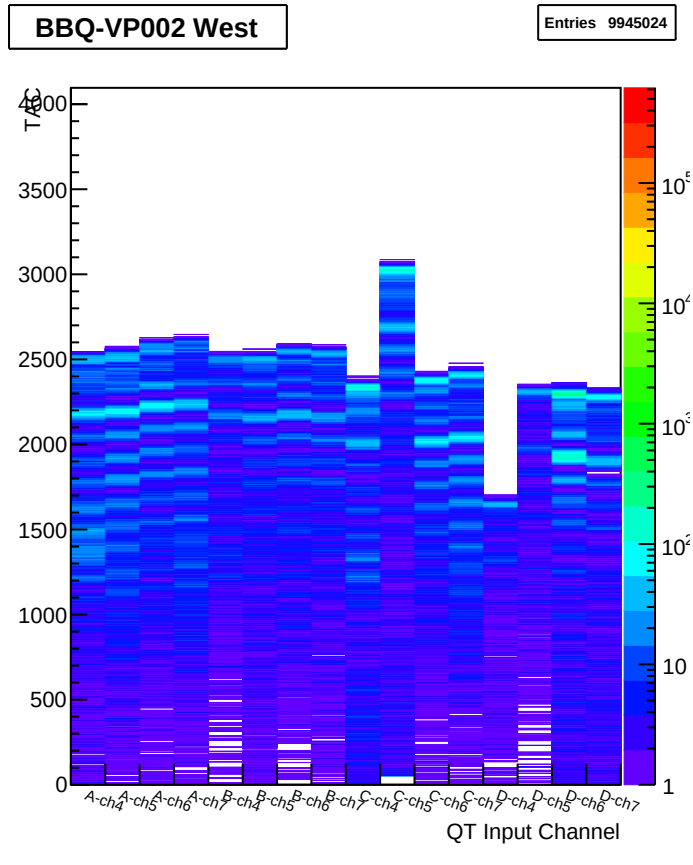

rawzdcEastTac
Entries 621564

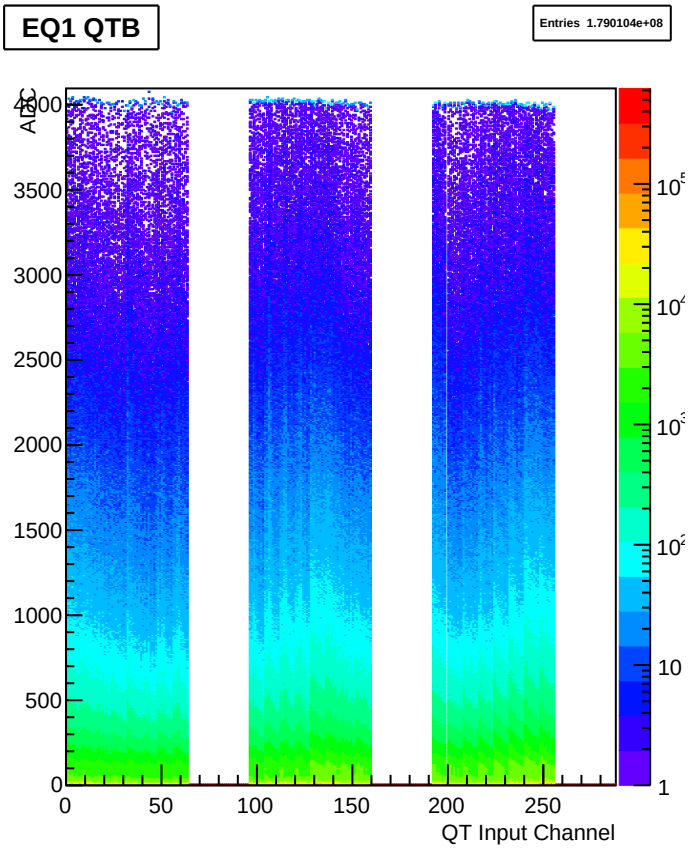

rawzdcWestTac
Entries 621564

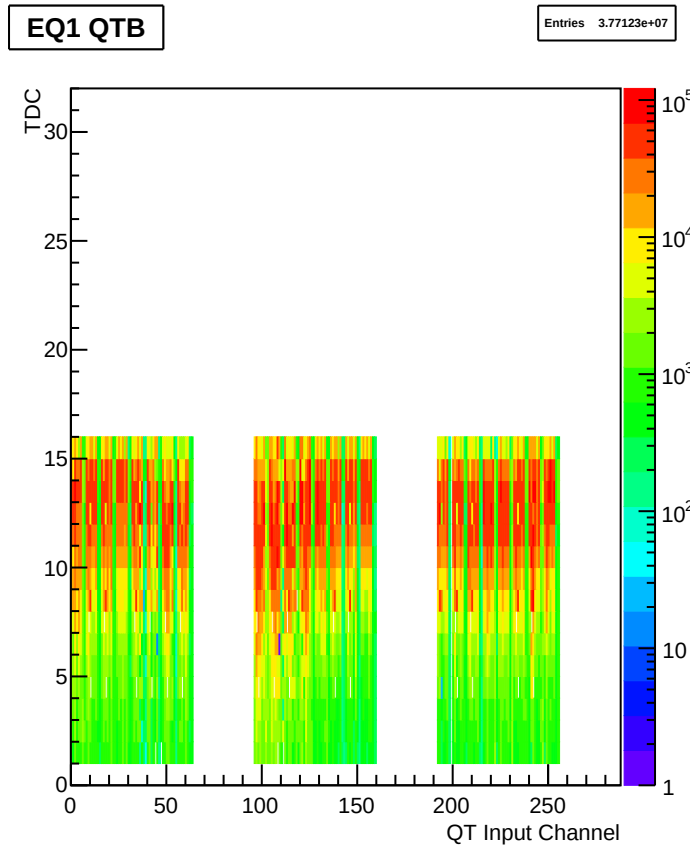

BBQ-VP001 East
Entries 9945024
ADC
QT Input Channel

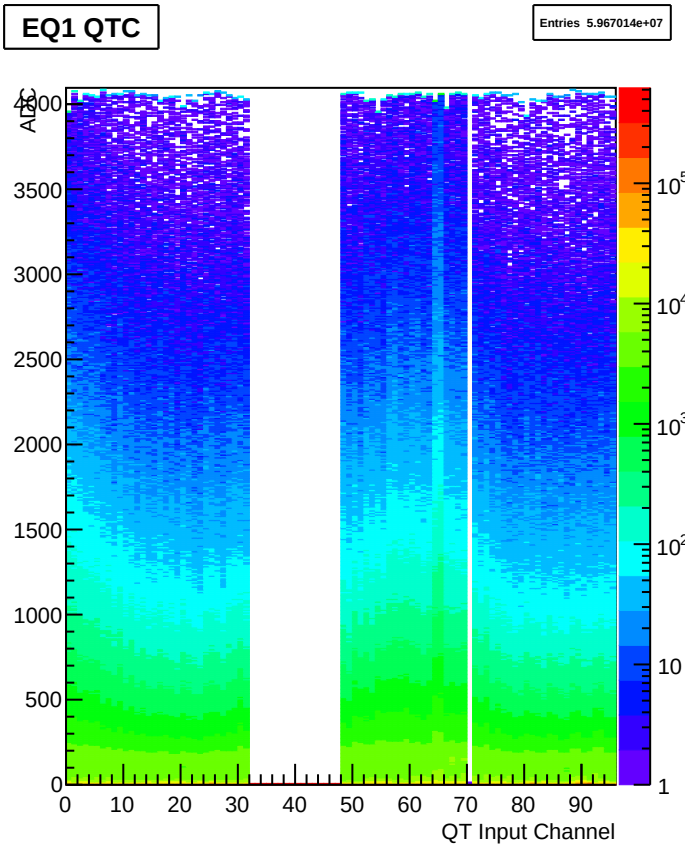

BBQ-VP001 East
Entries 9945024
TADC
QT Input Channel

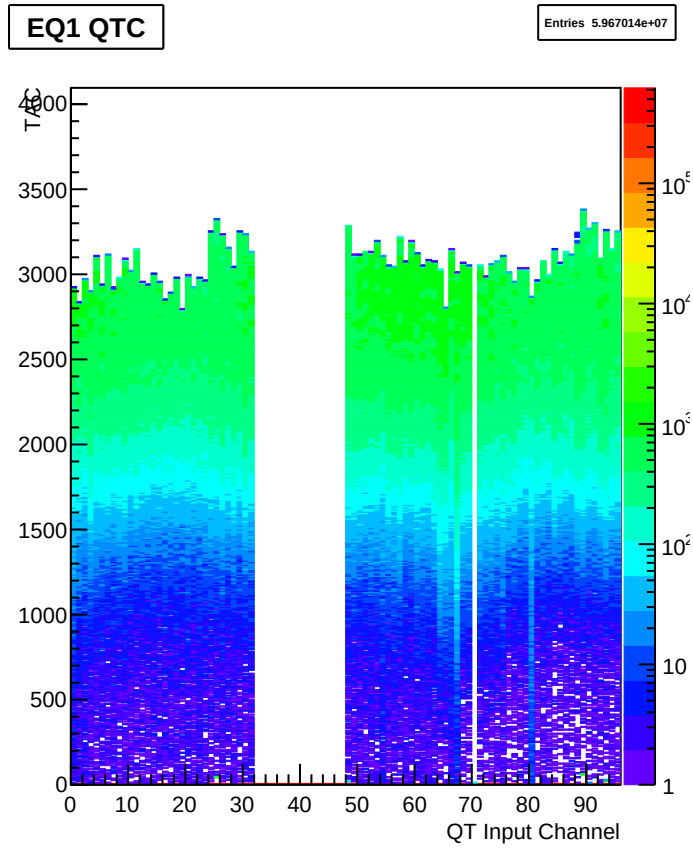

BBQ-VP002 West
Entries 9945024
ADC
QT Input Channel

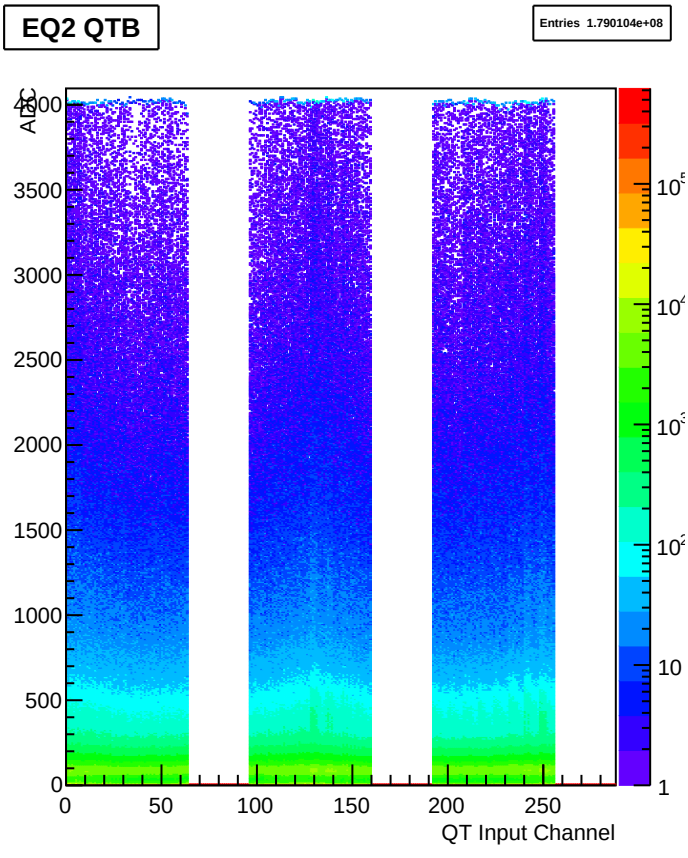

BBQ-VP002 West
Entries 9945024
TADC
QT Input Channel

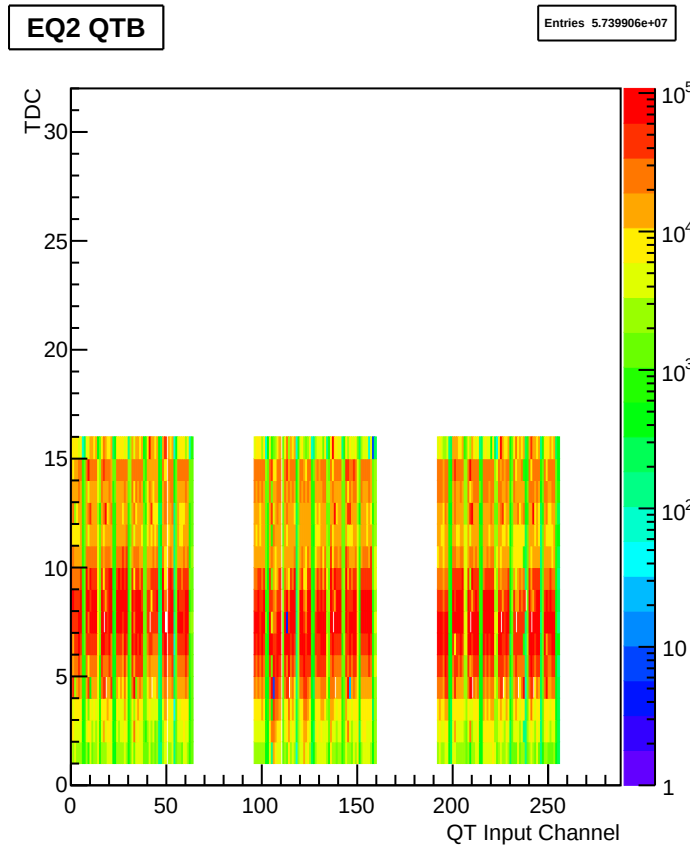

EQ1 QTB
Entries 1.790104e+08
ADC
QT Input Channel

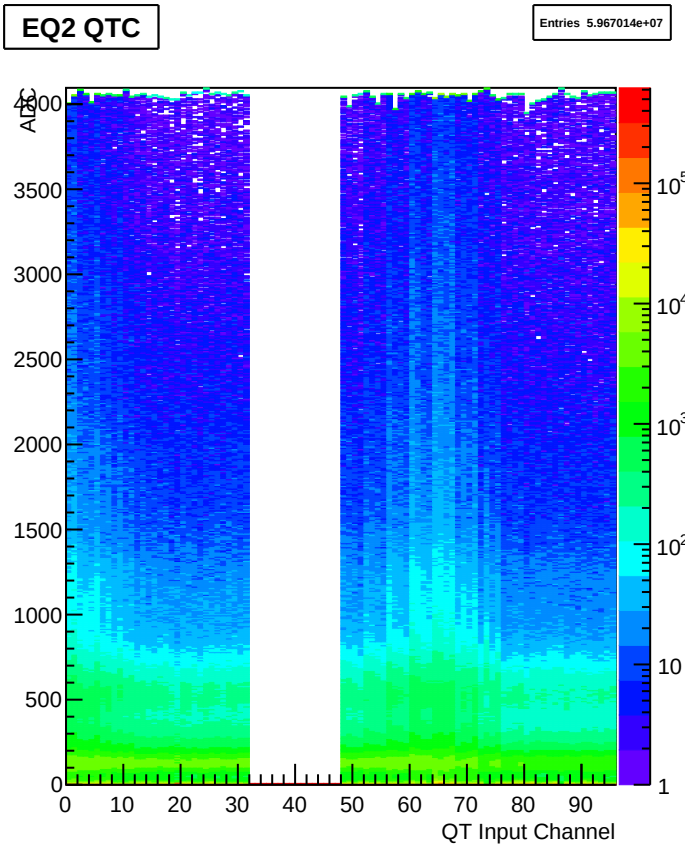

EQ1 QTB
Entries 3.77123e+07
TDC
QT Input Channel

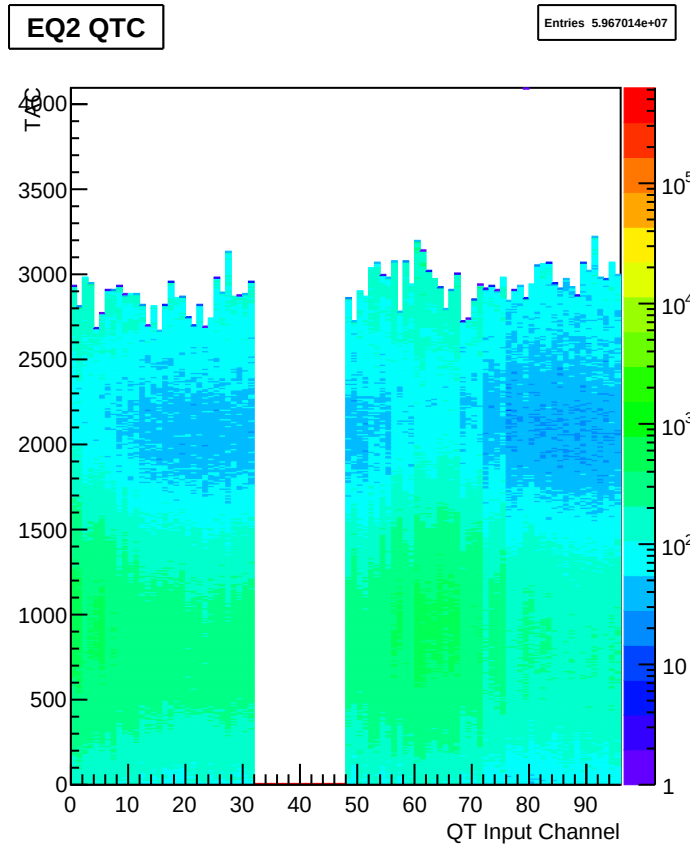

EQ1 QTC
Entries 5.967014e+07
ADC
QT Input Channel

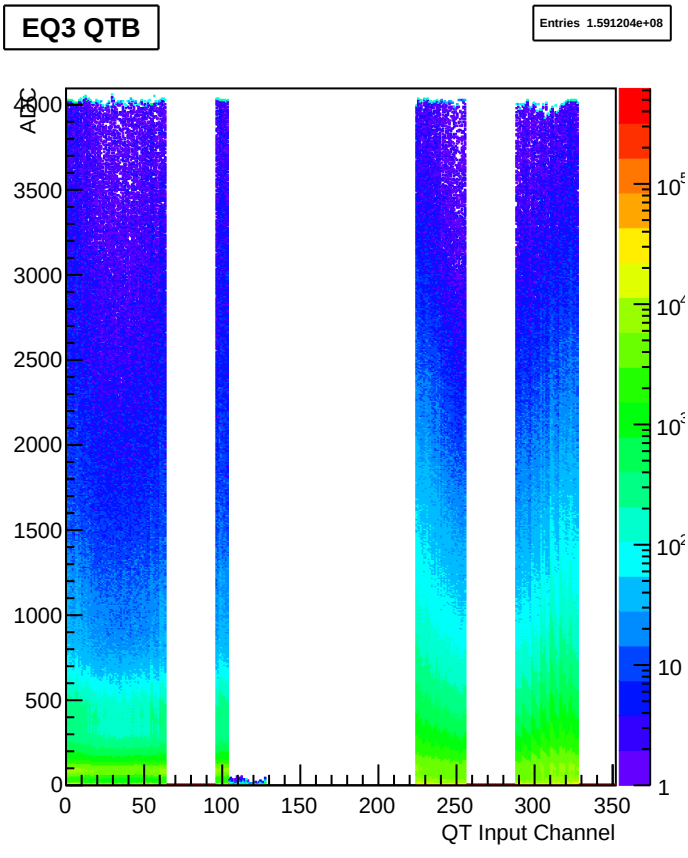

EQ1 QTC
Entries 5.967014e+07
TADC
QT Input Channel

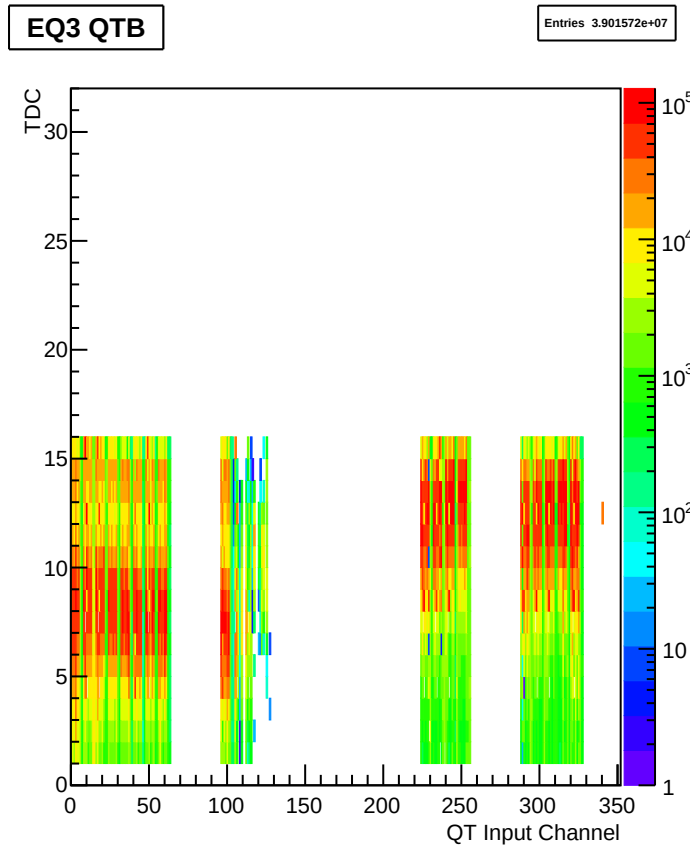

EQ2 QTB
Entries 1.790104e+08
ADC
QT Input Channel

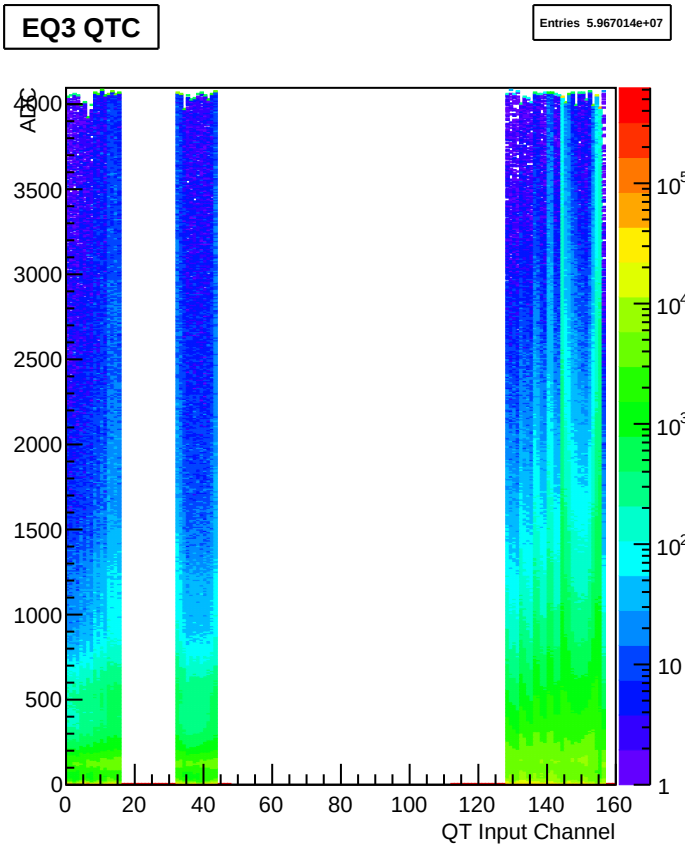

EQ2 QTB
Entries 5.739906e+07
TDC
QT Input Channel

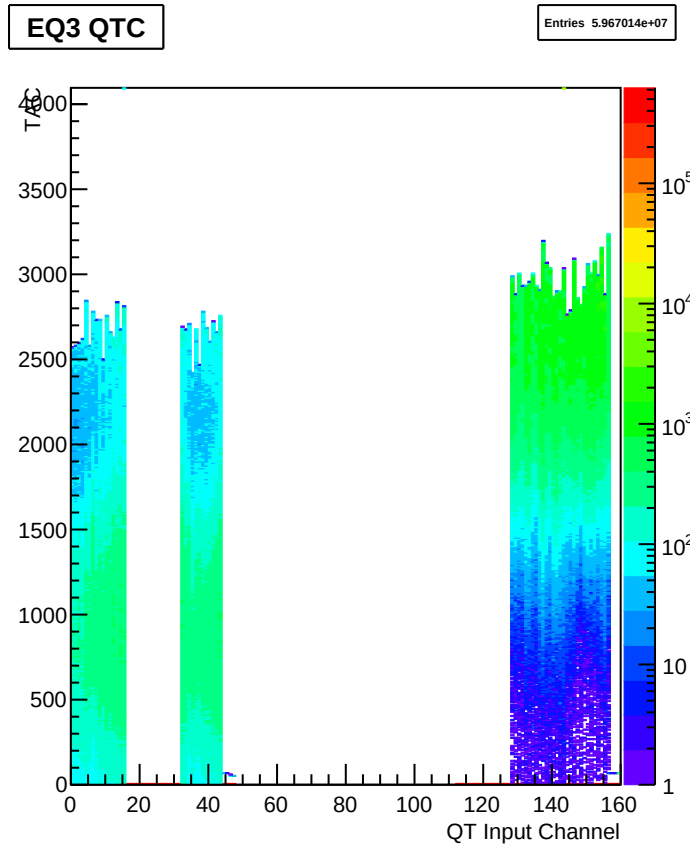

EQ2 QTC
Entries 5.967014e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.967014e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.591204e+08
ADC
QT Input Channel


EQ3 QTB
Entries 3.901572e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.967014e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.967014e+07
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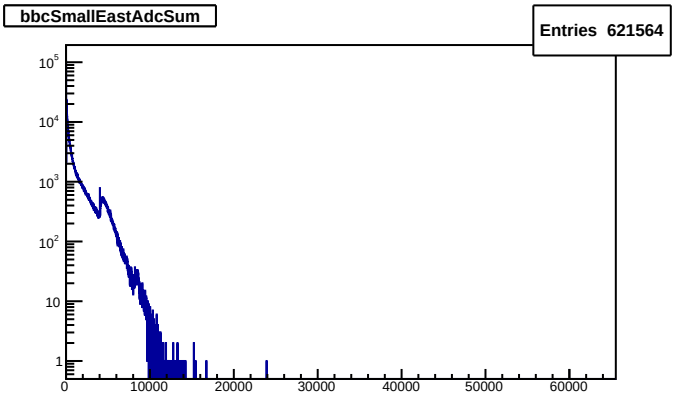
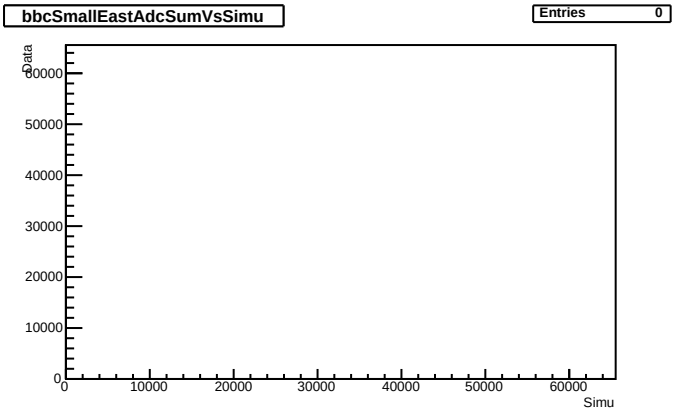
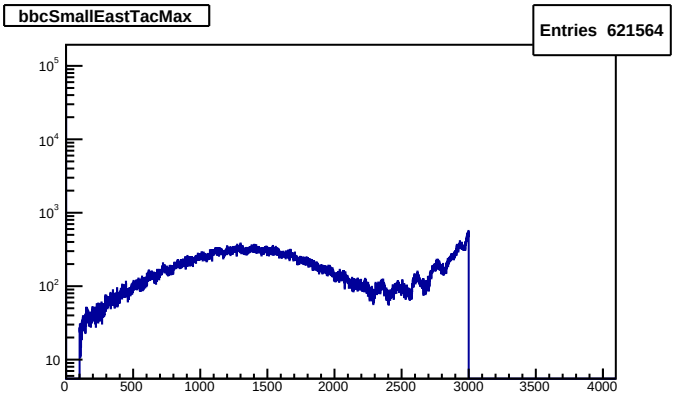
QT Input Channel


bbcSmallEastAdcSum
Entries 621564


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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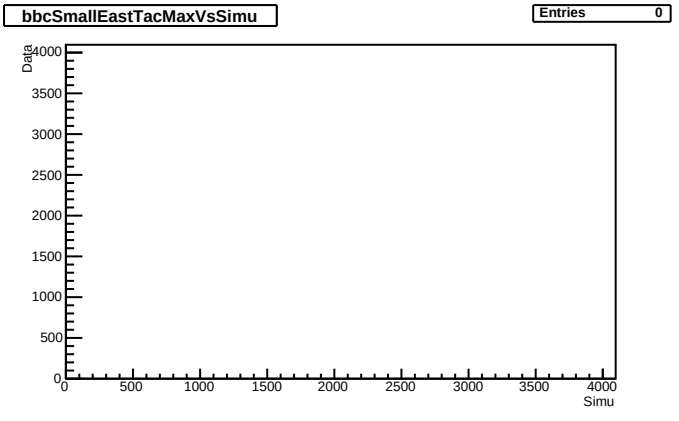
Entries 621564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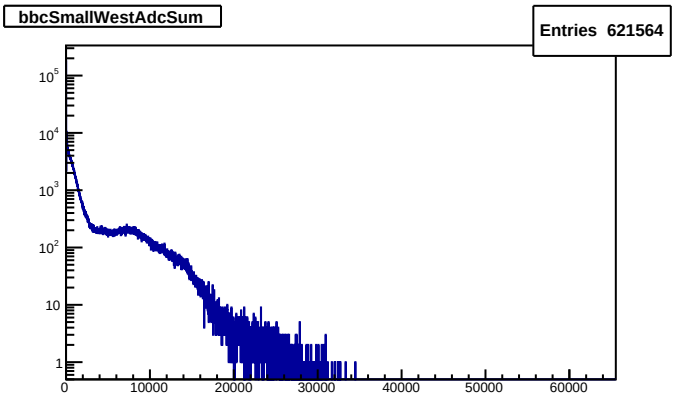
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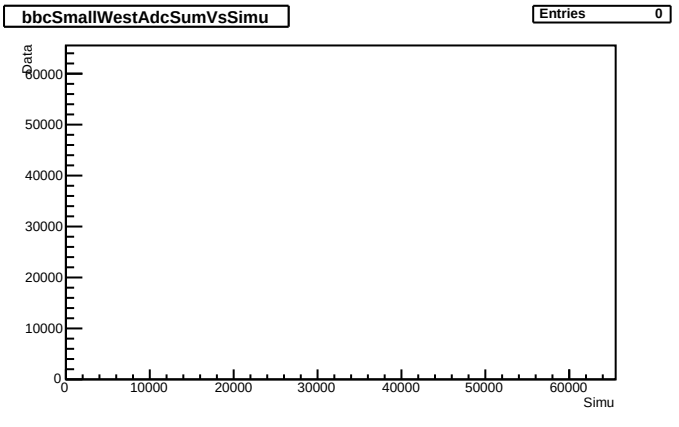
Entries 621564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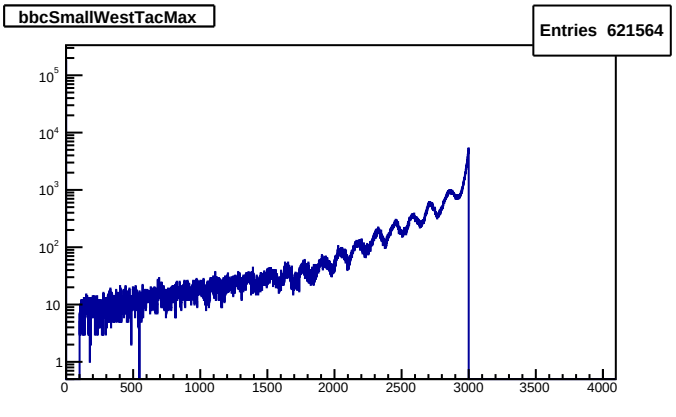
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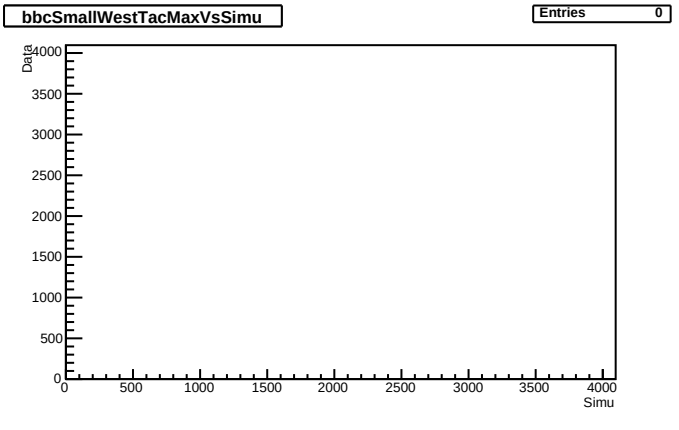
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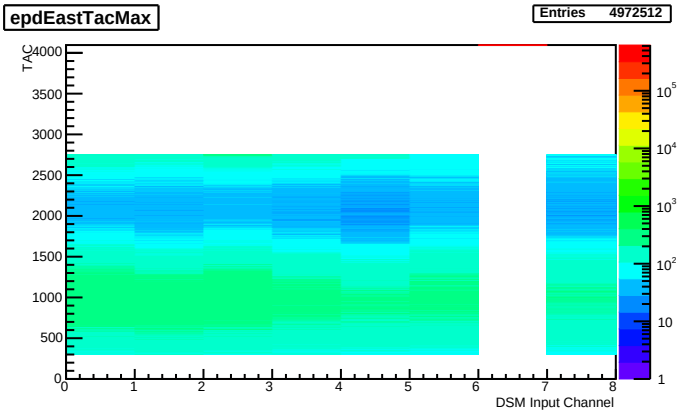
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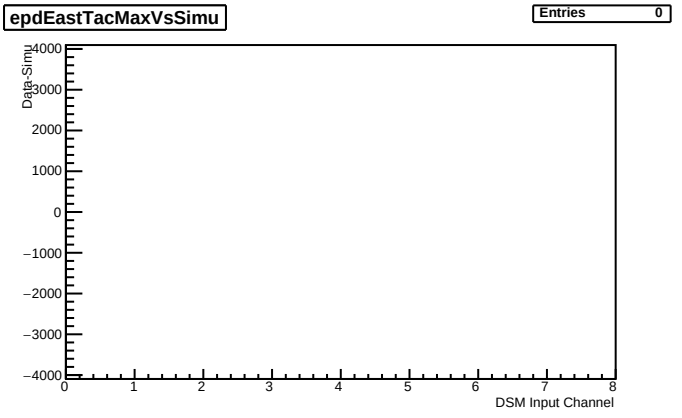
TAC
DSM Input Channel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Data-Simu
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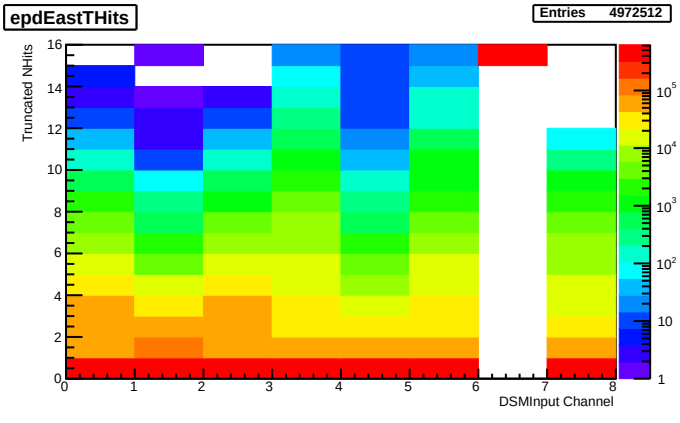
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Entries 4972512
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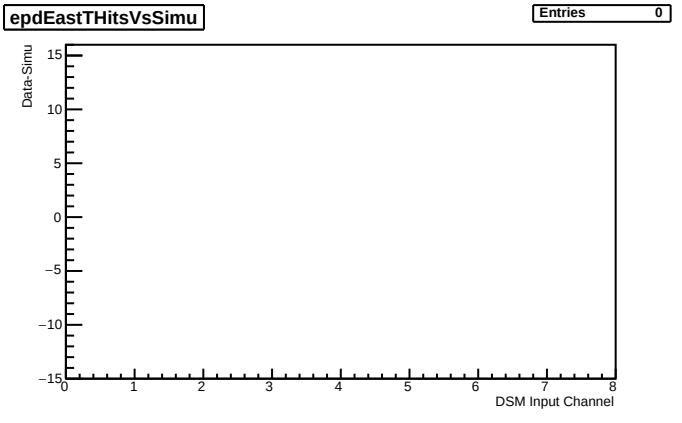
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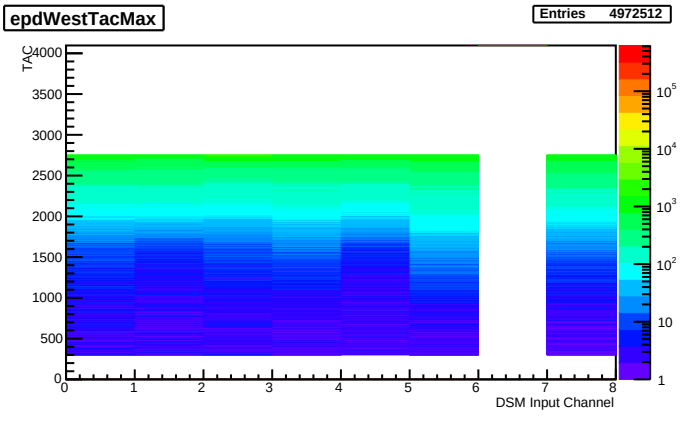
DSM Input Channel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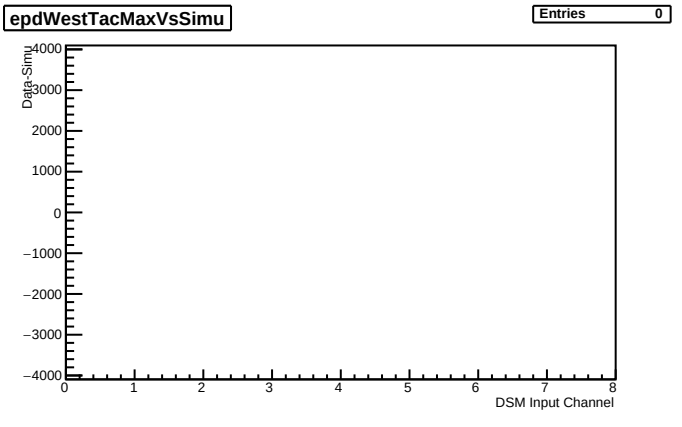
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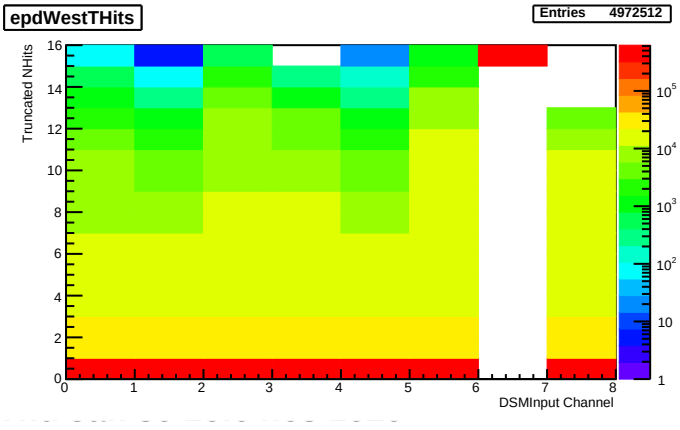
DSM Input Channel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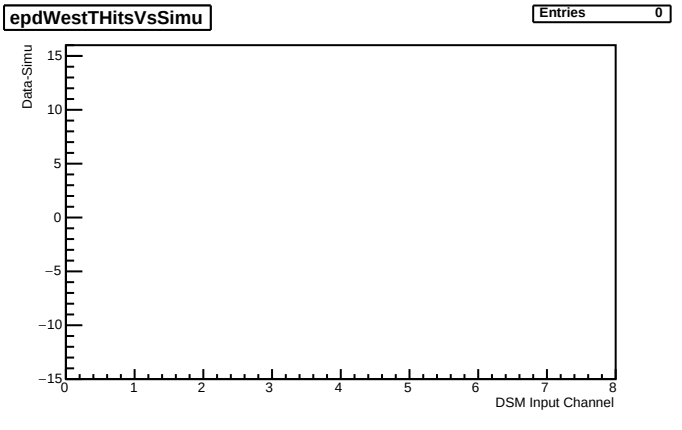
Entries 4972512
Truncated NHits
DSMInput Channel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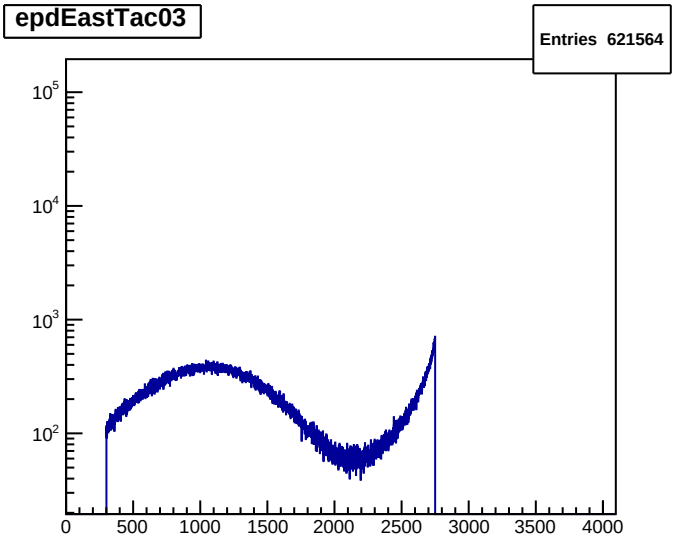
DSM Input Channel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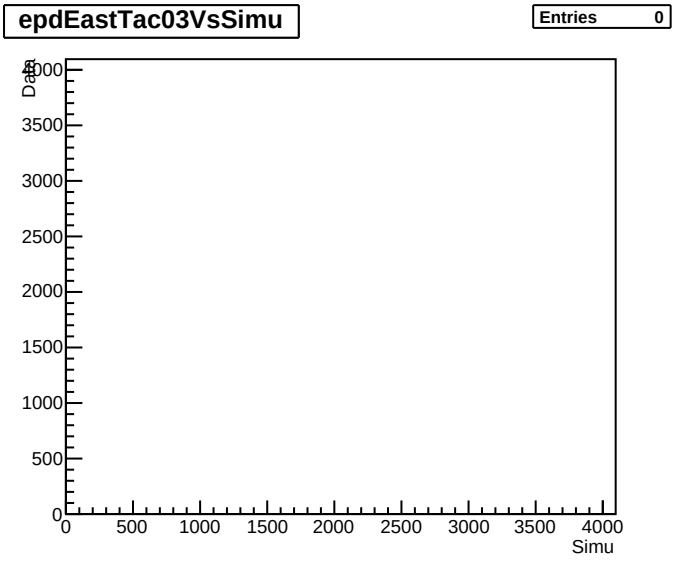
Entries 621564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Data
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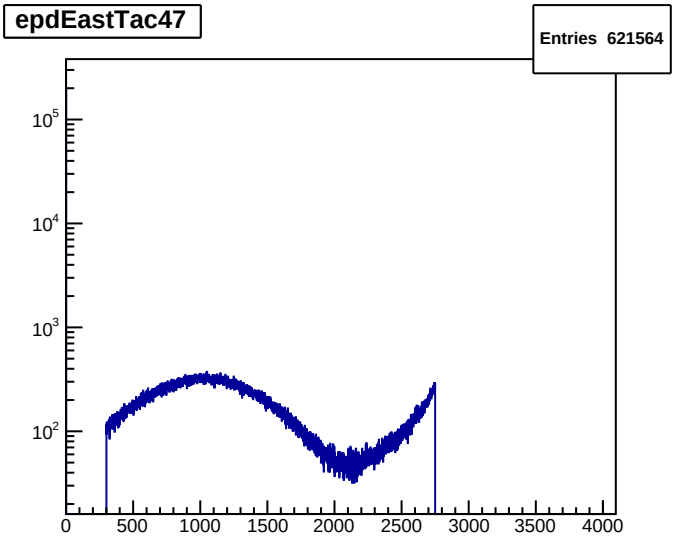
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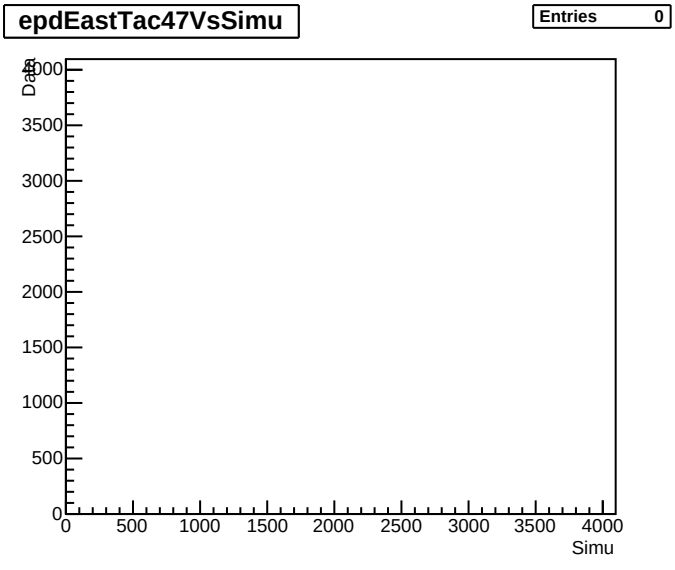
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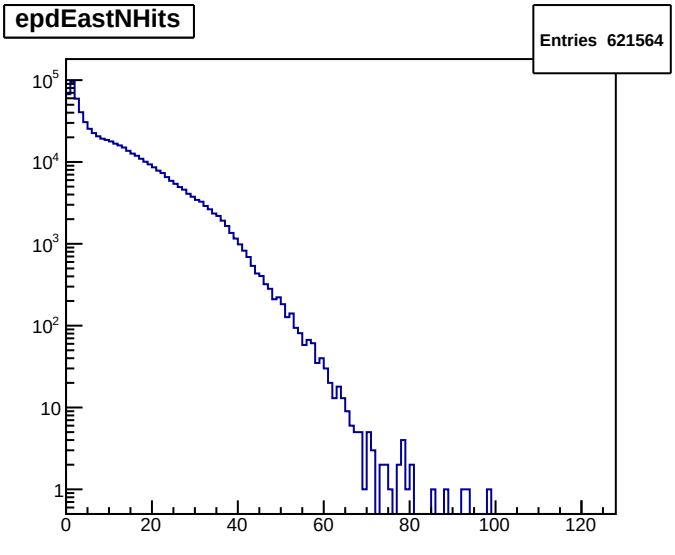
Entries 0
Data
Simu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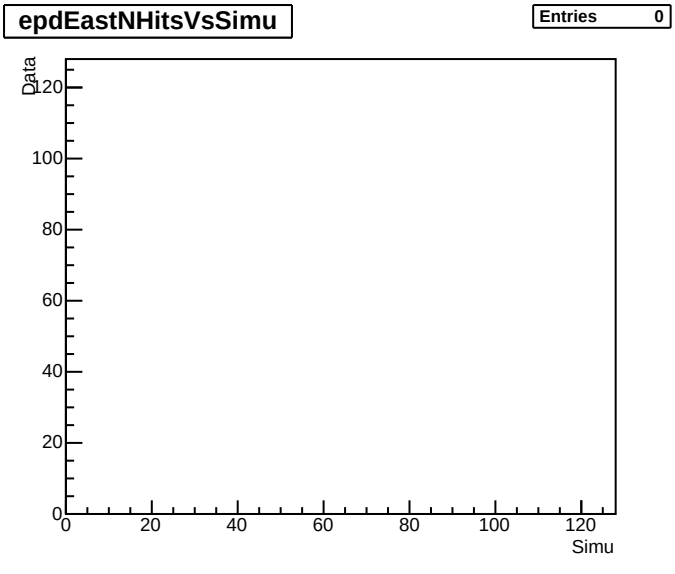
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Data
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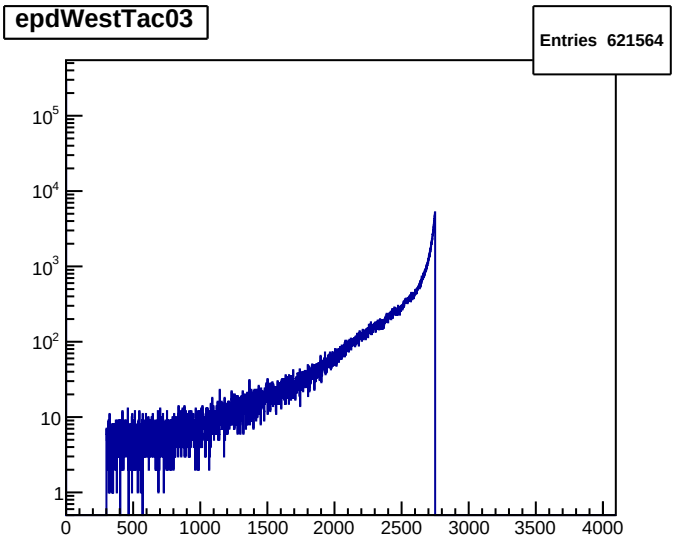
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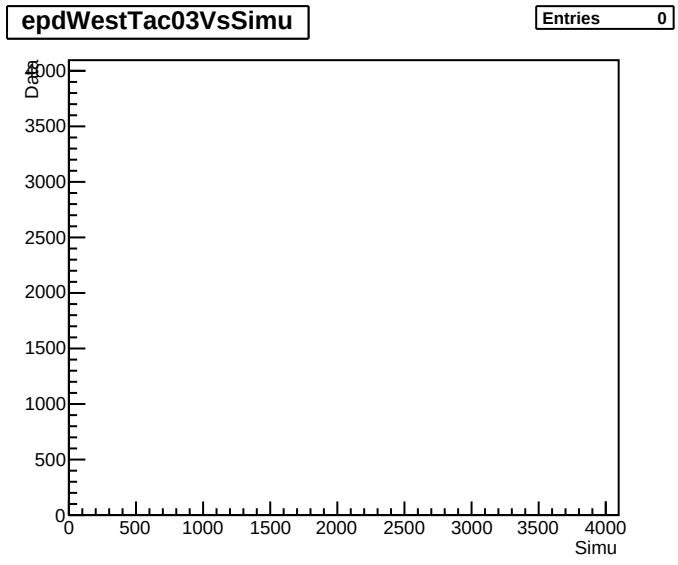
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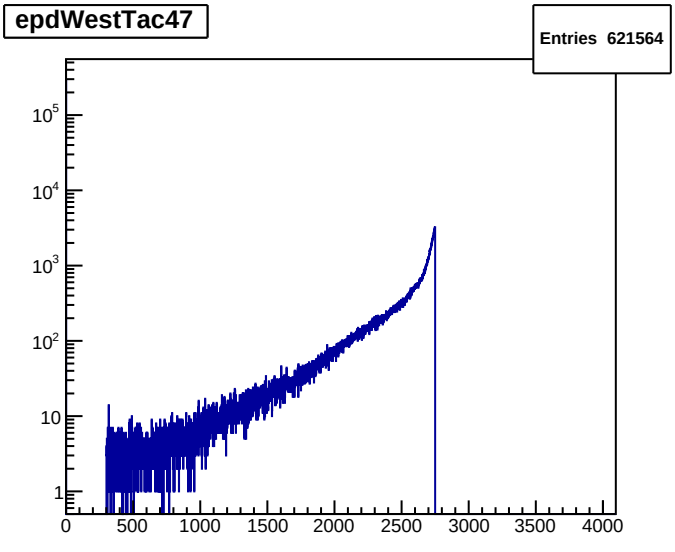
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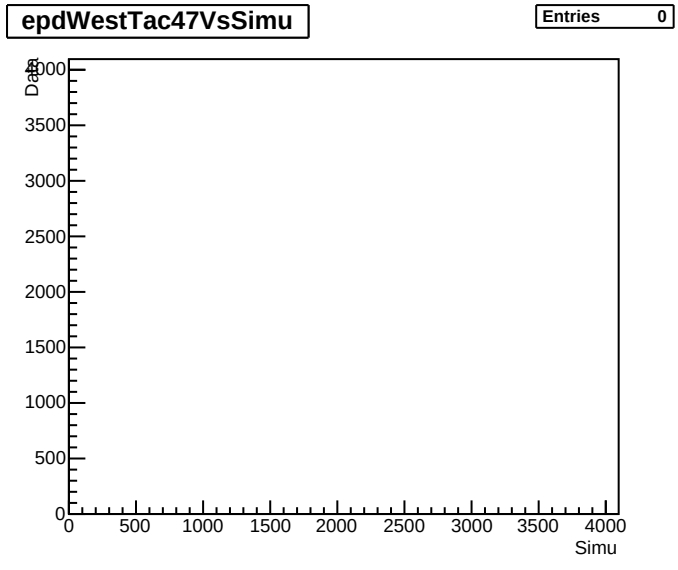
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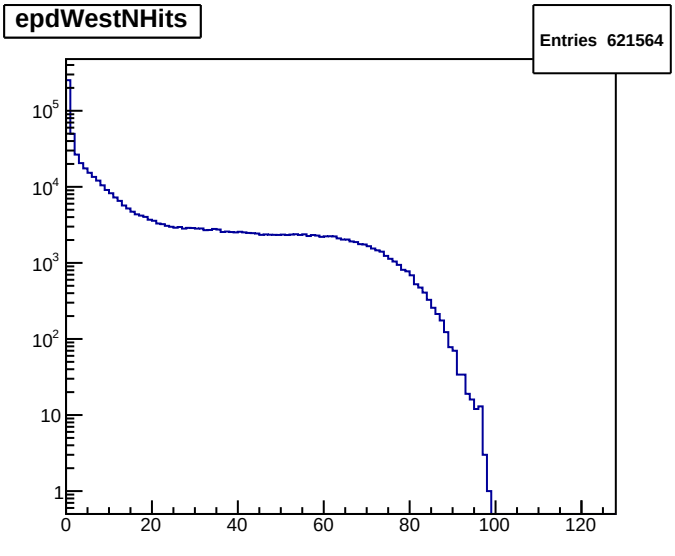
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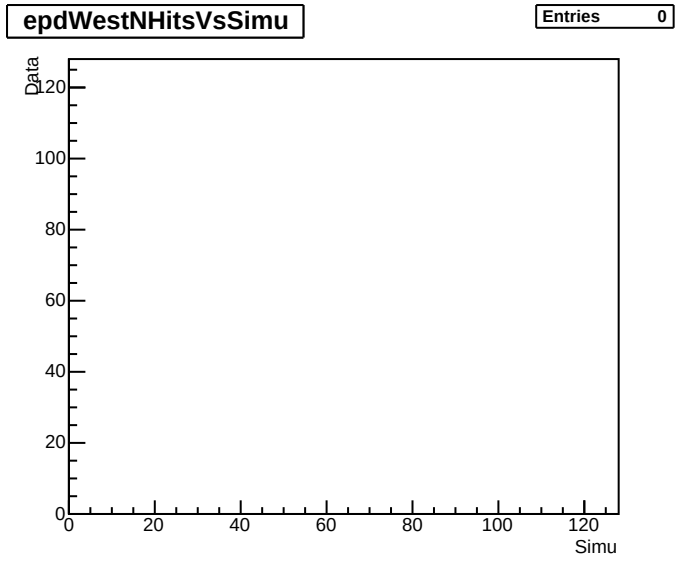
Entries 621564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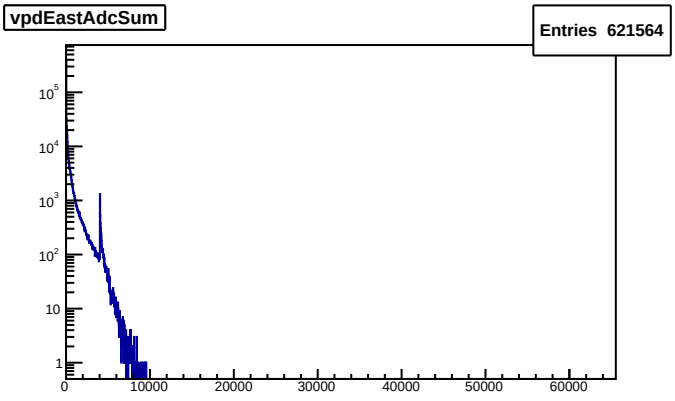
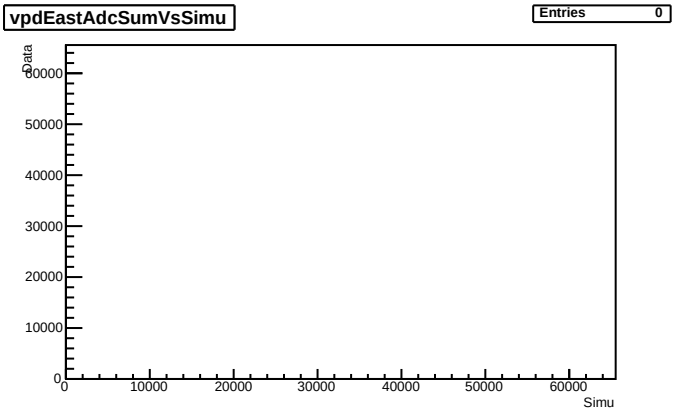
Entries 0
Data
Simu


vpdEastAdcSum
Entries 621564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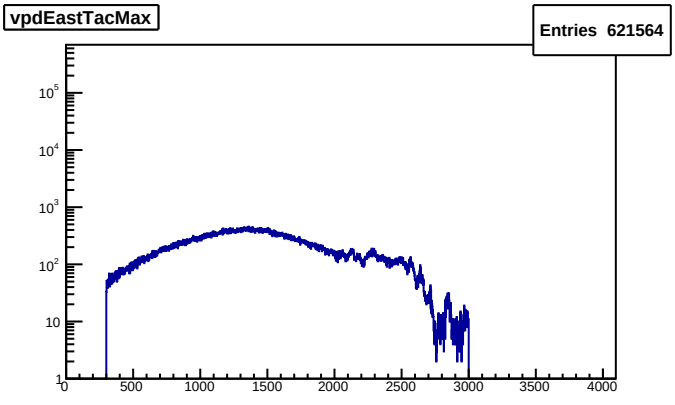
Data
Simu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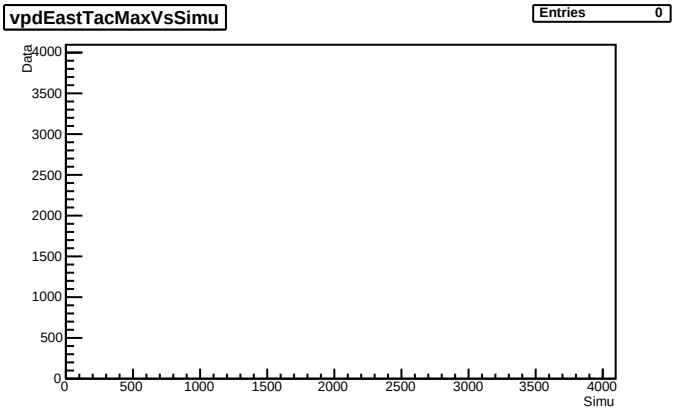
Entries 621564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Entries 0
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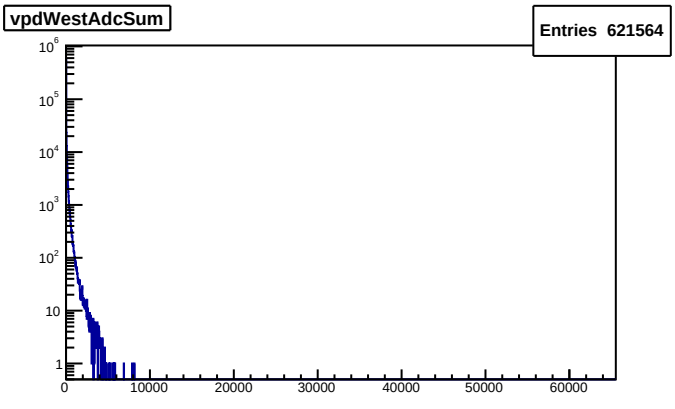
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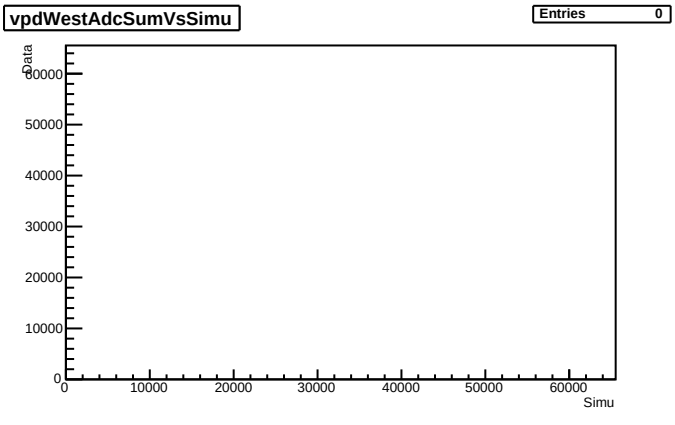
Entries 621564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Entries 0
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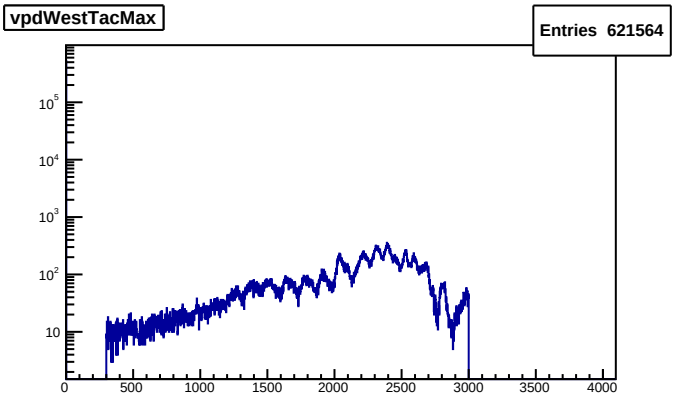
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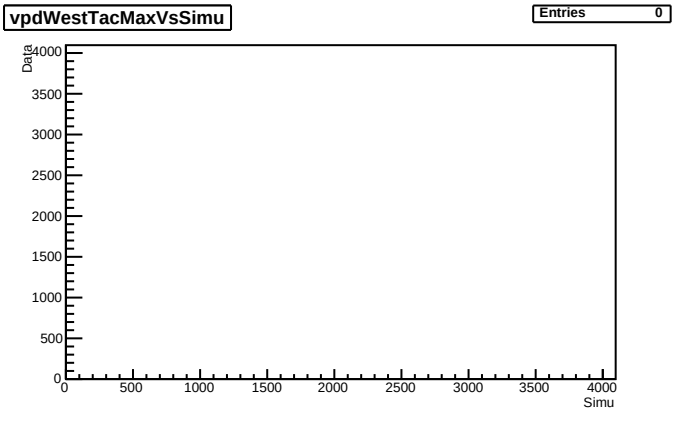
Entries 621564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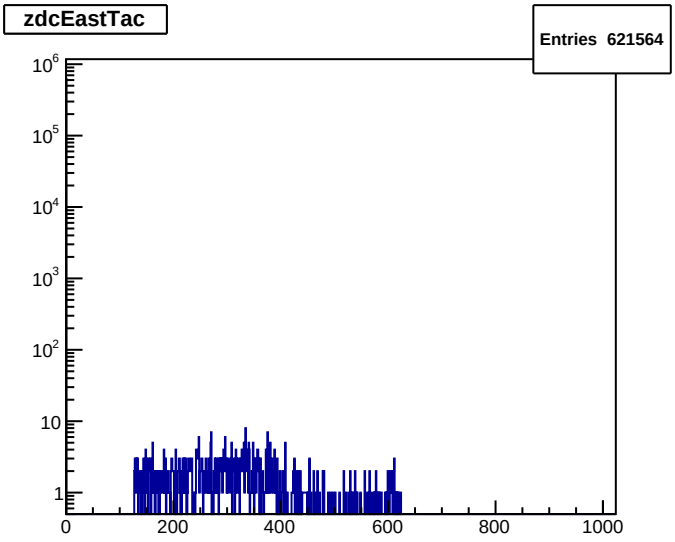
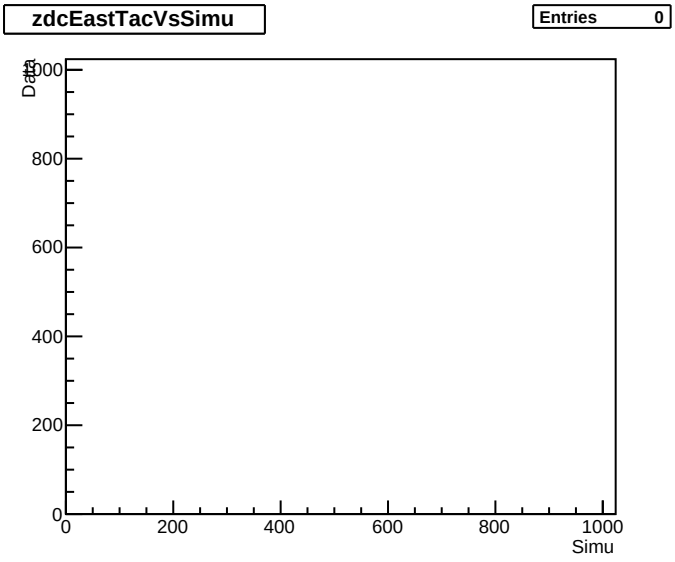
Entries 0
Data
Simu


zdcEastTac
Entries 621564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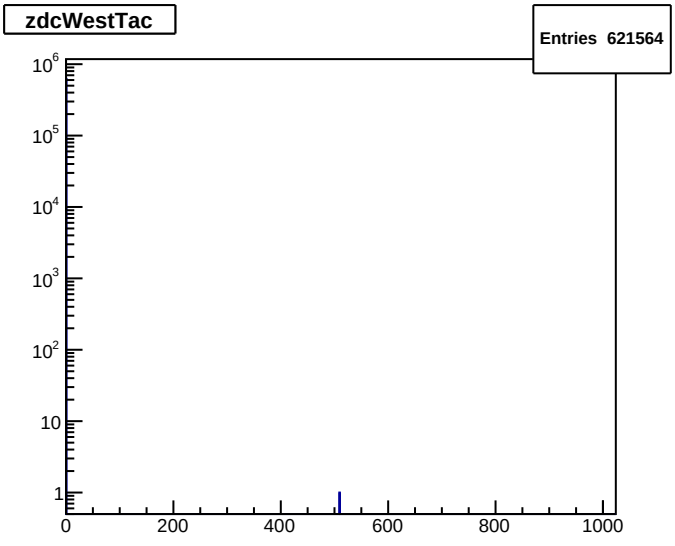
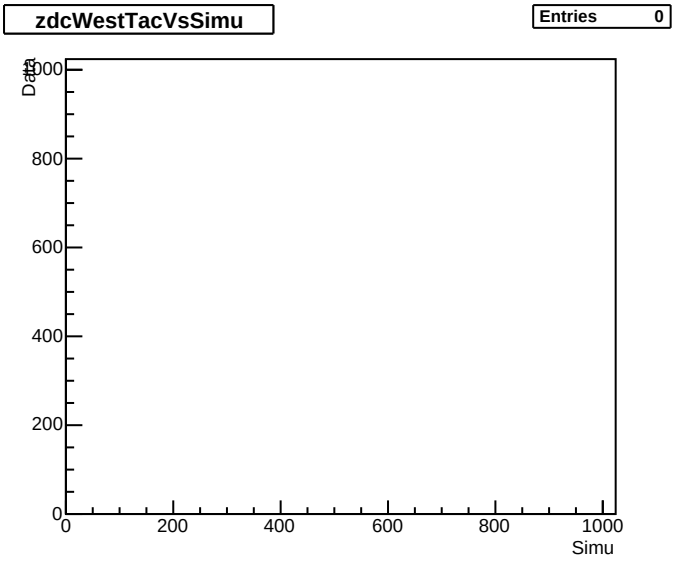
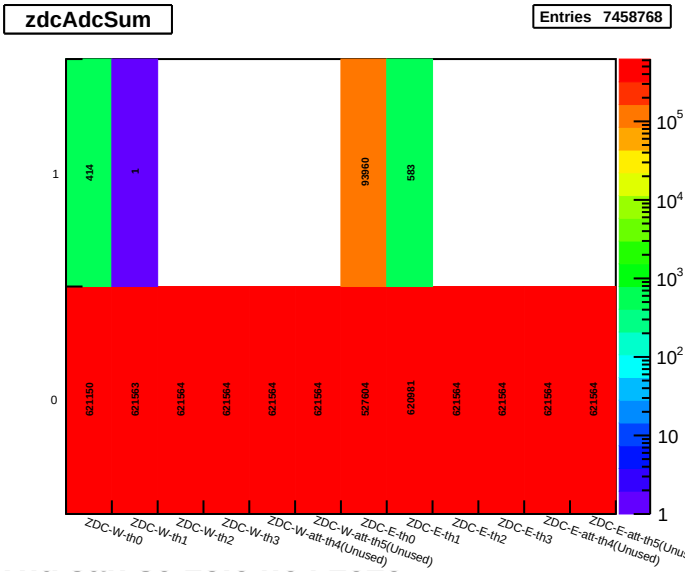
Entries 0
Data
Simu


zdcWestTac
Entries 621564


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7458768
414
1
93960
583
621150
621563
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621564
527604
620681
621564
621564
621564
621564
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
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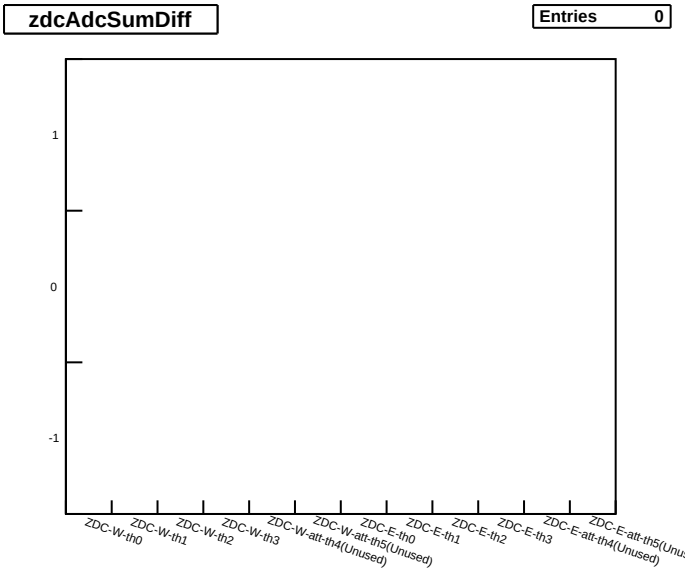
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu


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
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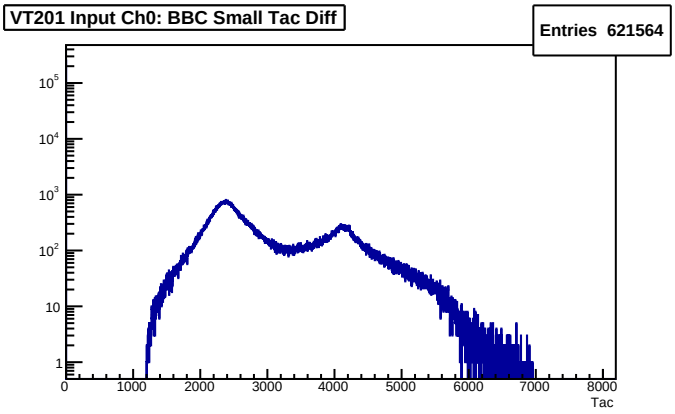
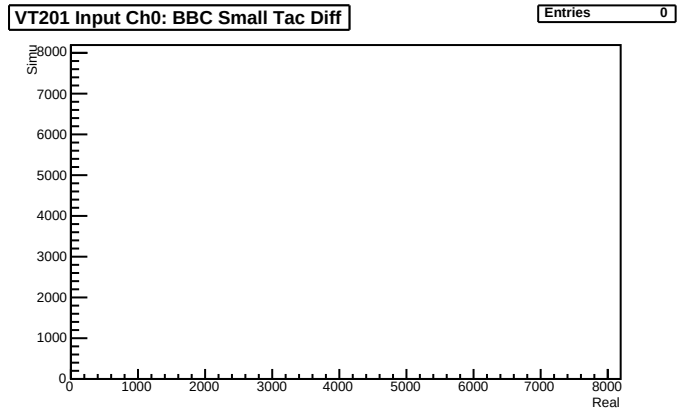
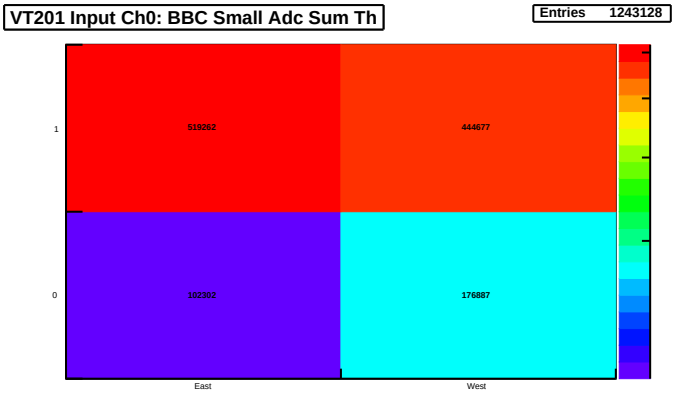
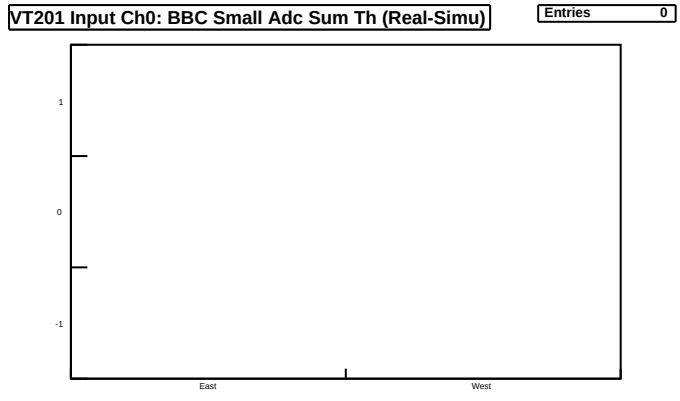
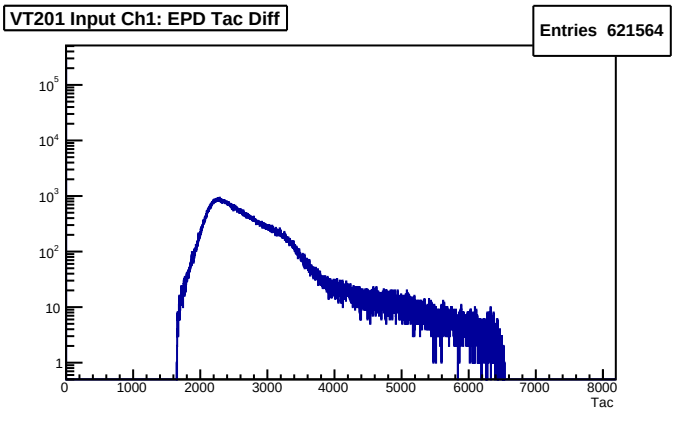
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

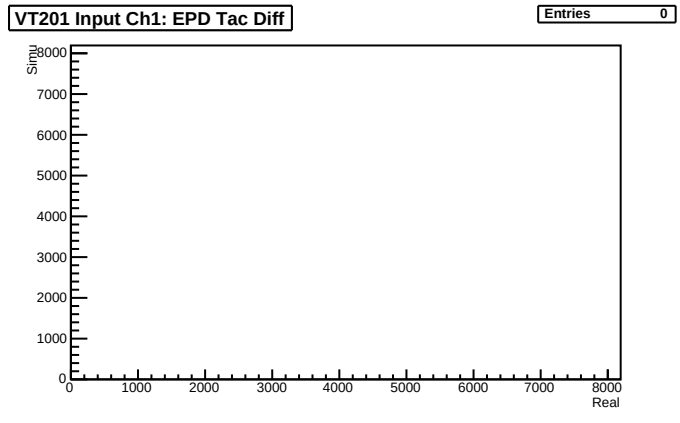

VT201 Input Ch0: BBC Small Tac Diff
Entries 621564
Tac

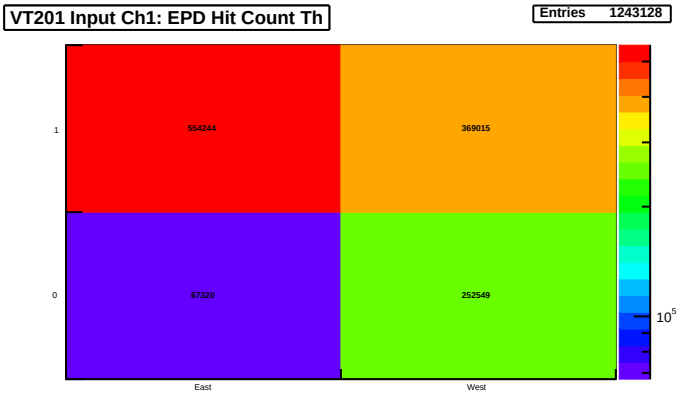

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

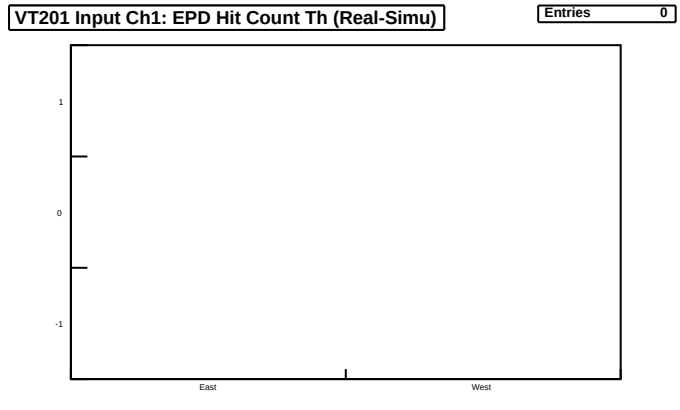

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1243128
519262
444677
102302
176887
East
West

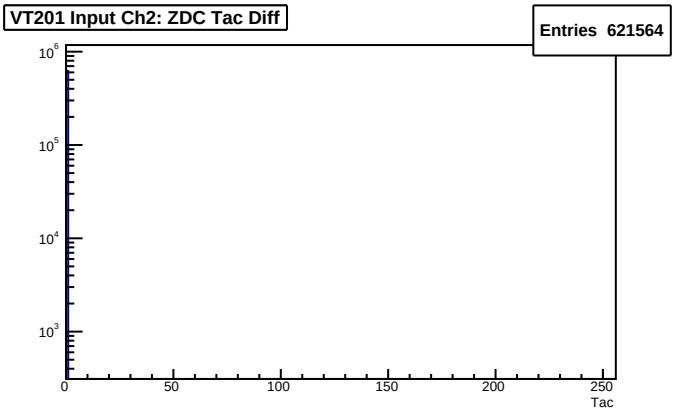

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

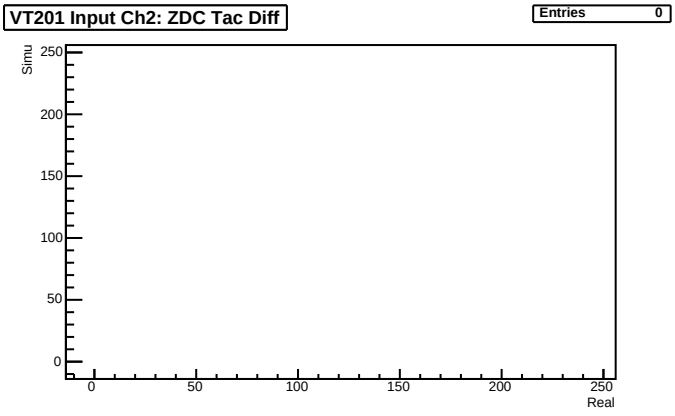

VT201 Input Ch1: EPD Tac Diff
Entries 621564
Tac

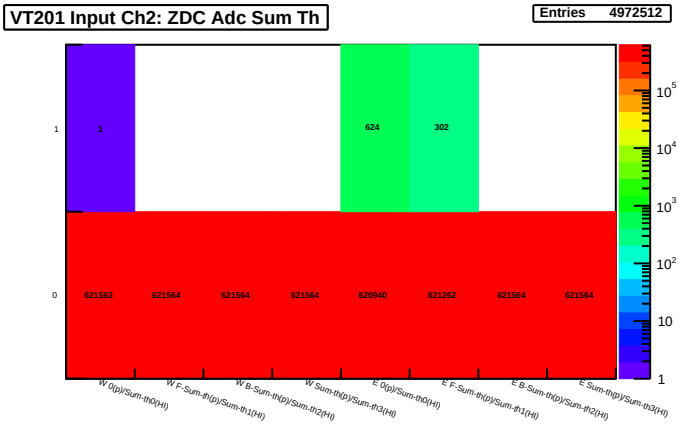

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

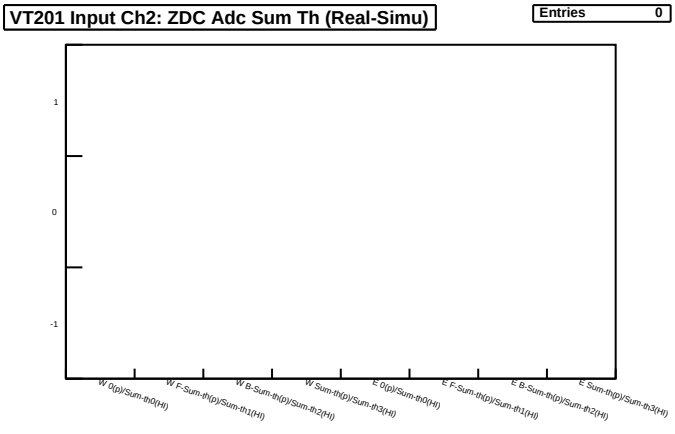

VT201 Input Ch1: EPD Hit Count Th
Entries 1243128
554244
369015
67320
252549
East
West

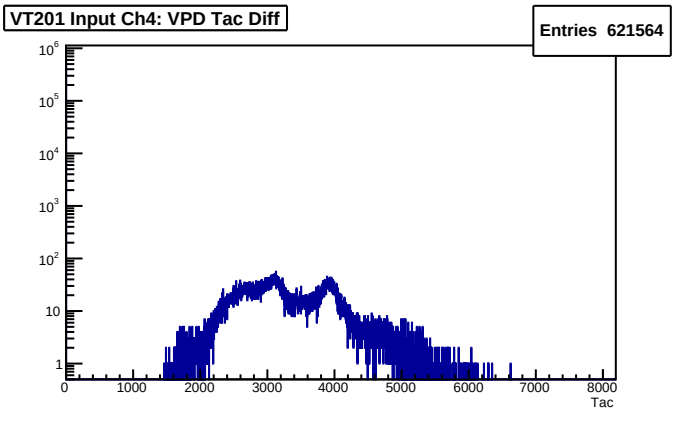

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

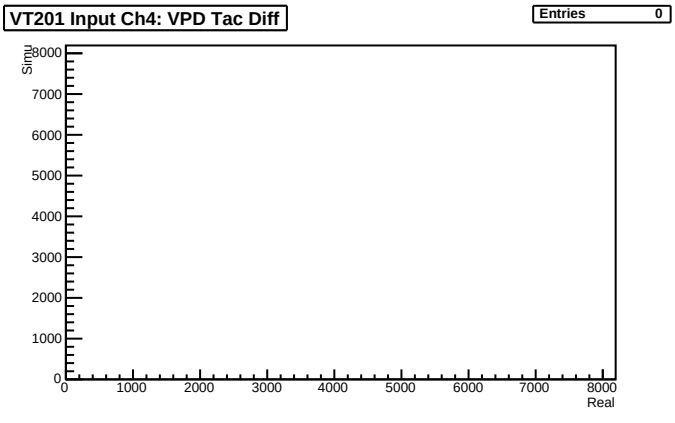

VT201 Input Ch2: ZDC Tac Diff
Entries 621564
Tac

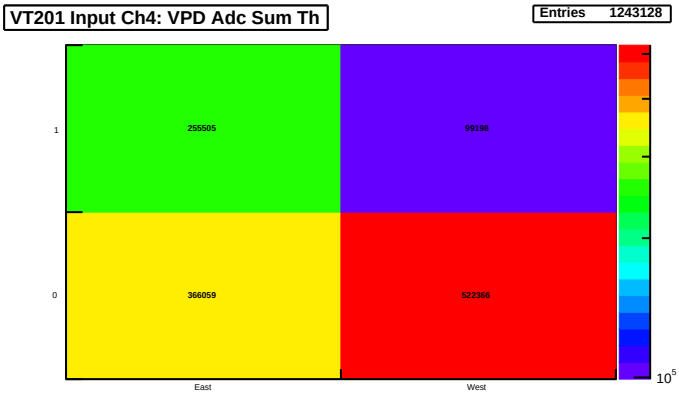

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

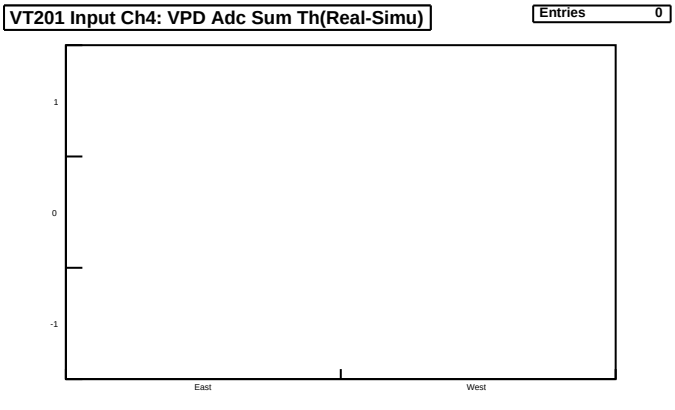

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4972512
1
624
302
621563
621564
621564
621564
620940
621262
621564
621564
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

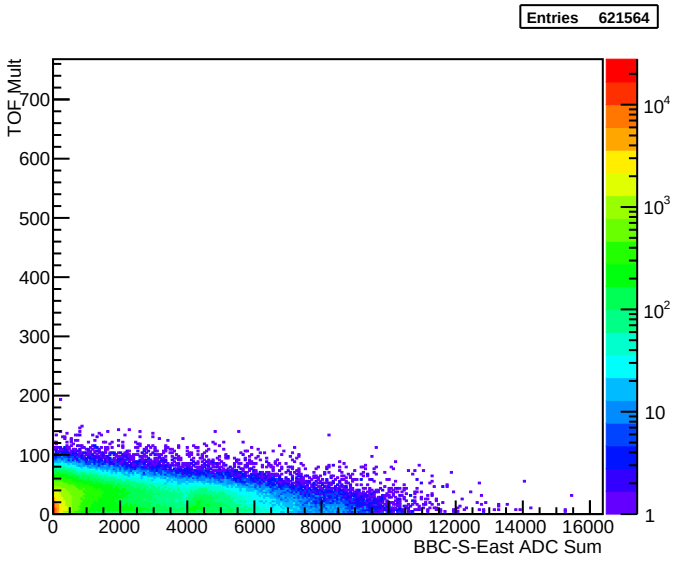

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

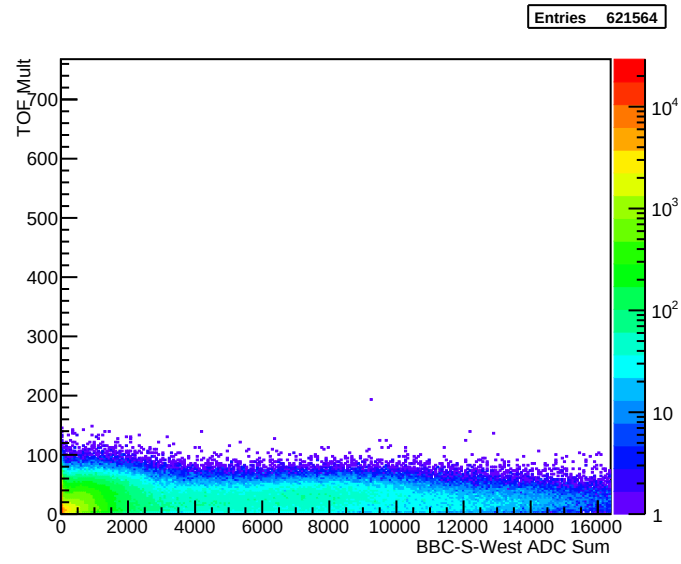

VT201 Input Ch4: VPD Tac Diff
Entries 621564
Tac

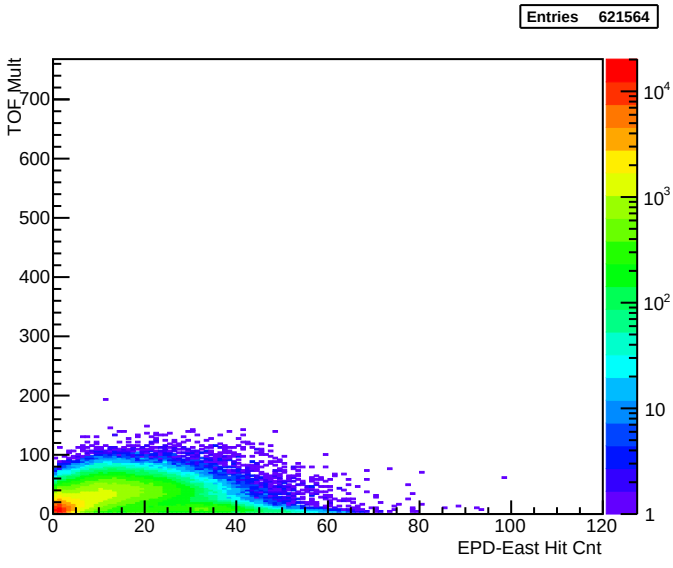

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

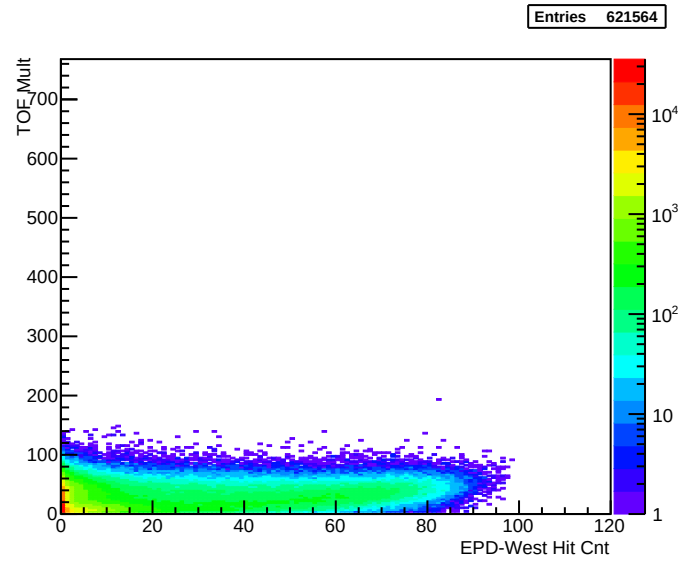

VT201 Input Ch4: VPD Adc Sum Th
Entries 1243128
255505
99198
366059
522366
East
West

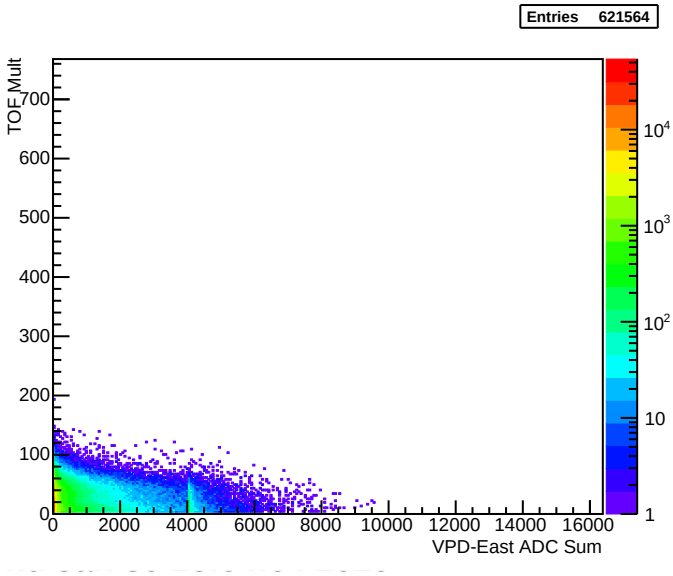

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

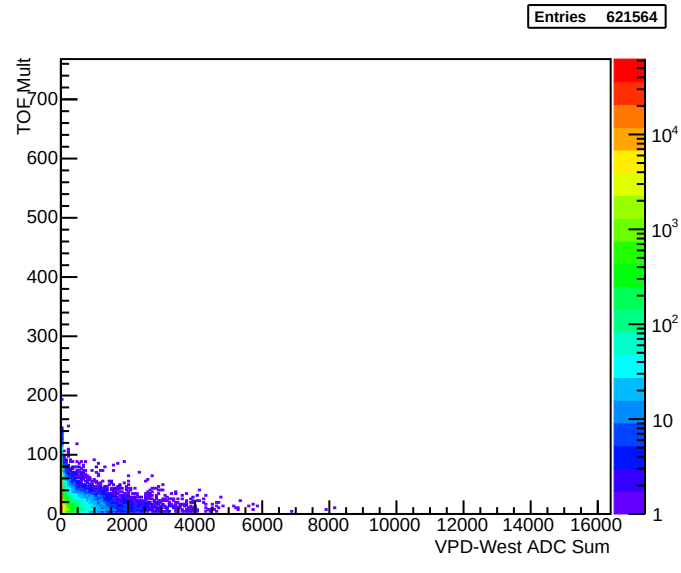

Entries 621564
TOF_Mult
BBC-S-East ADC Sum

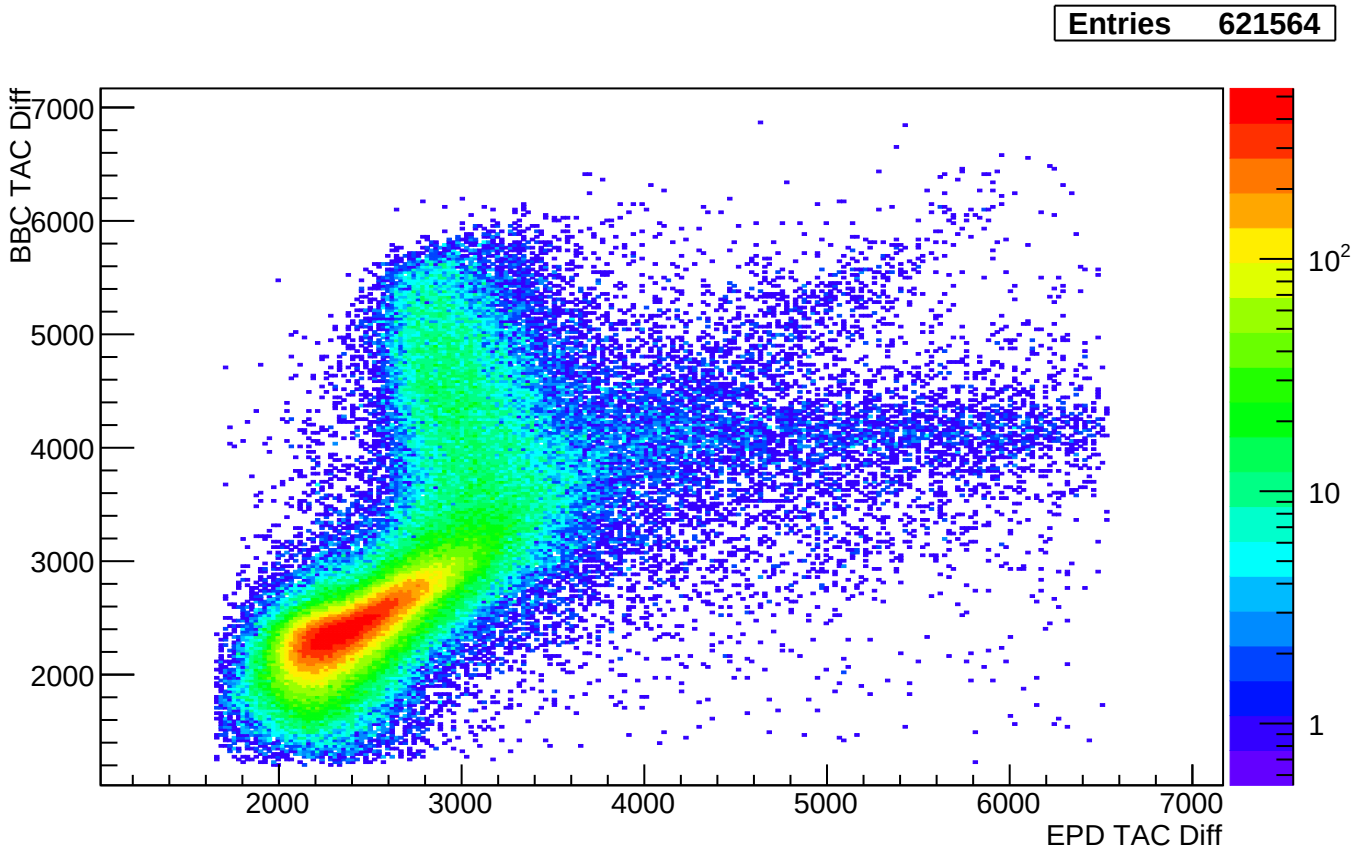

Entries 621564
TOF_Mult
BBC-S-West ADC Sum

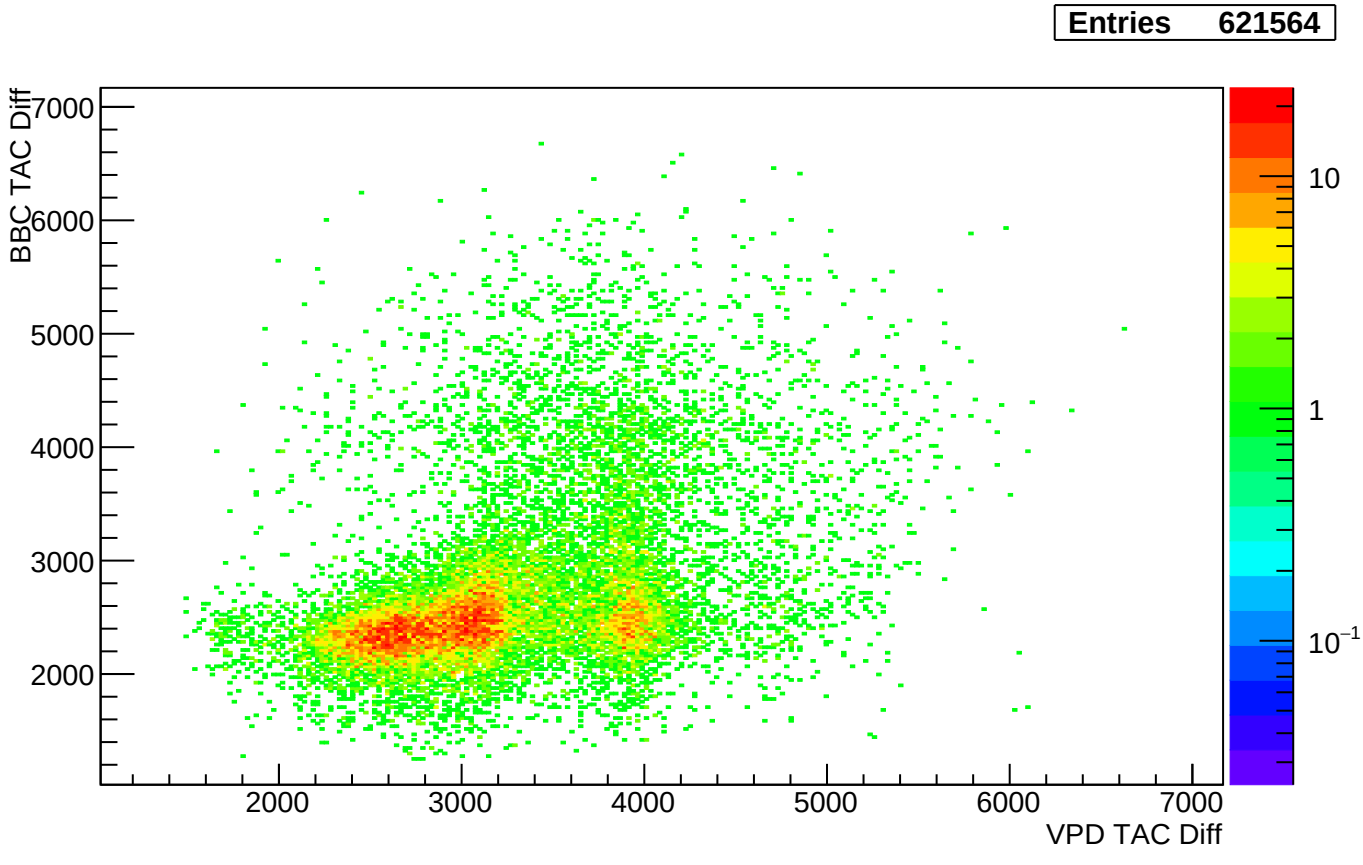

Entries 621564
TOF_Mult
EPD-East Hit Cnt

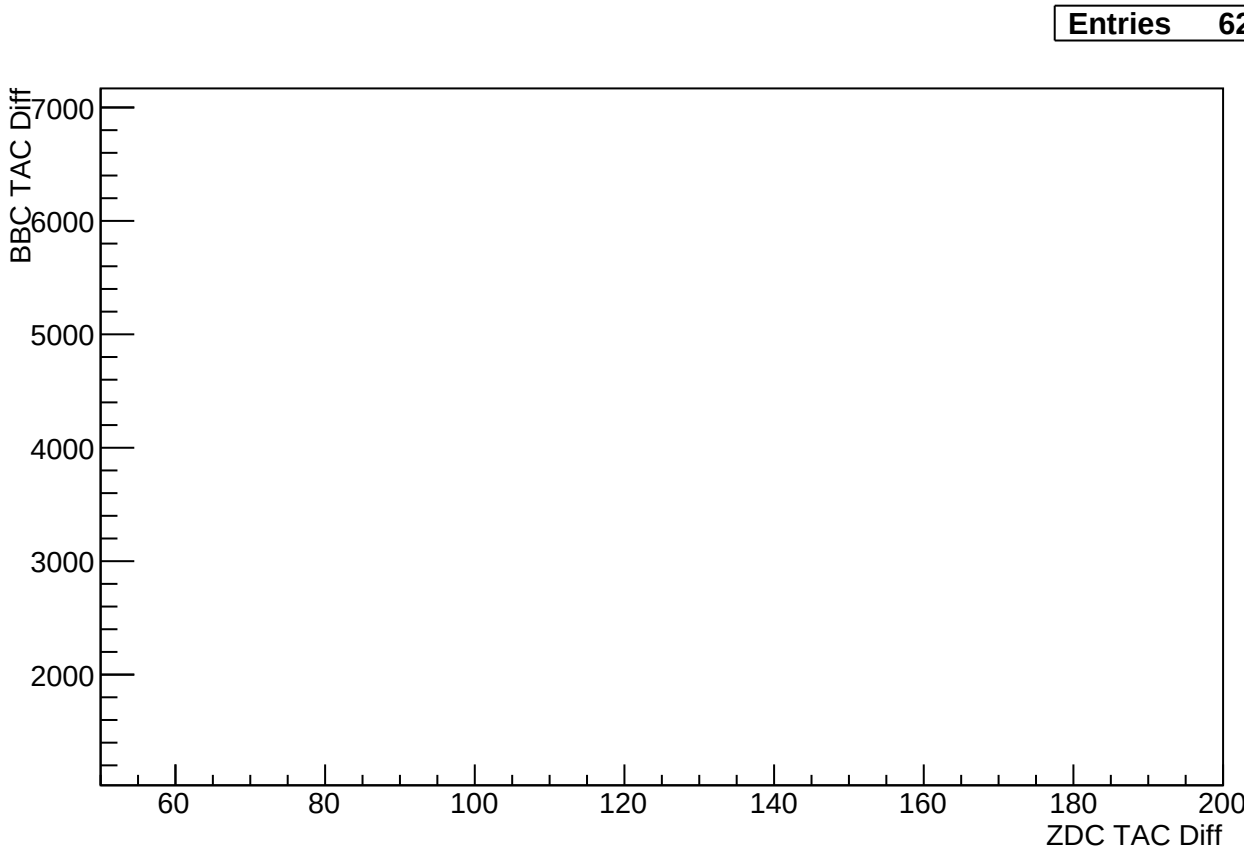

Entries 621564
TOF_Mult
EPD-West Hit Cnt

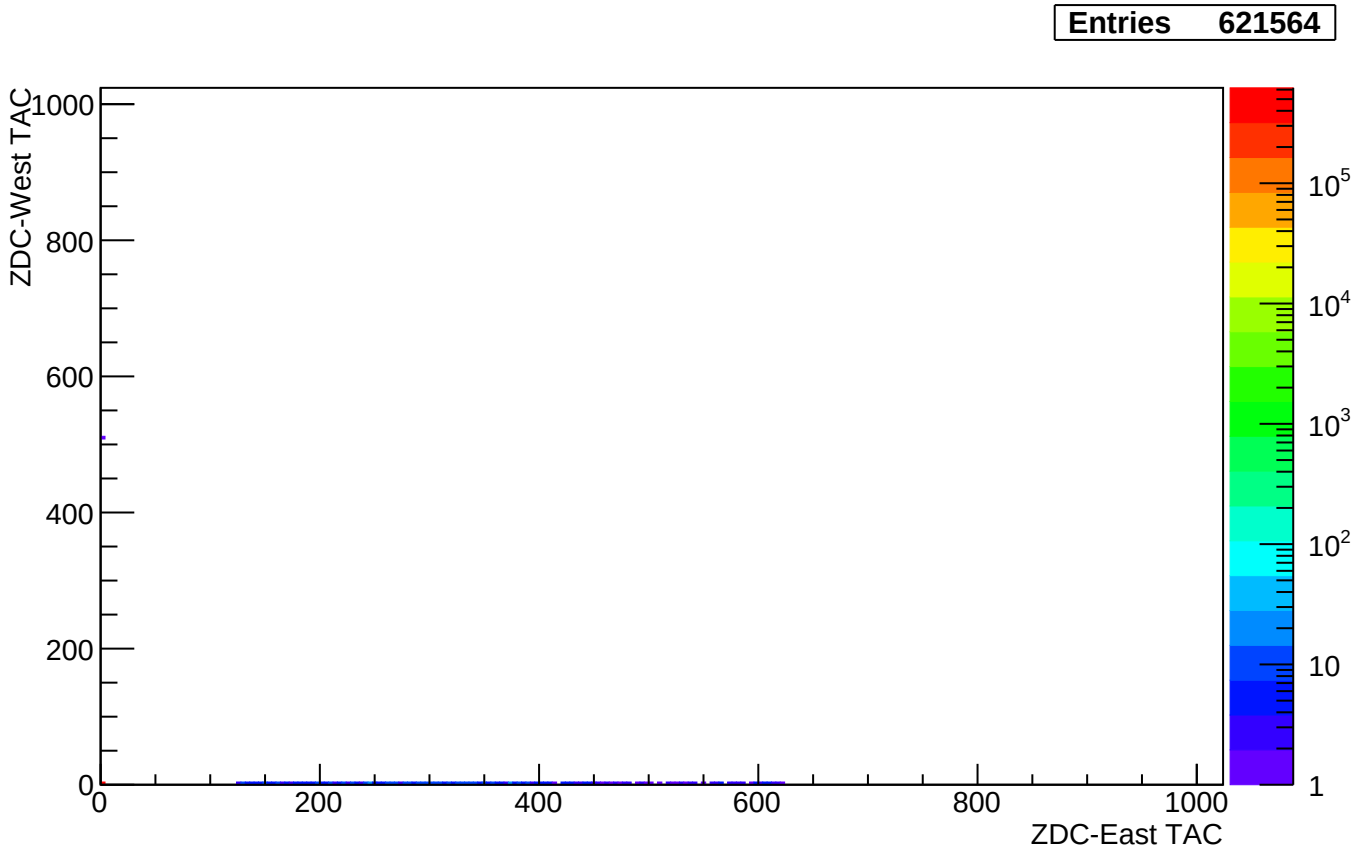

Entries 621564
TOF_Mult
VPD-East ADC Sum

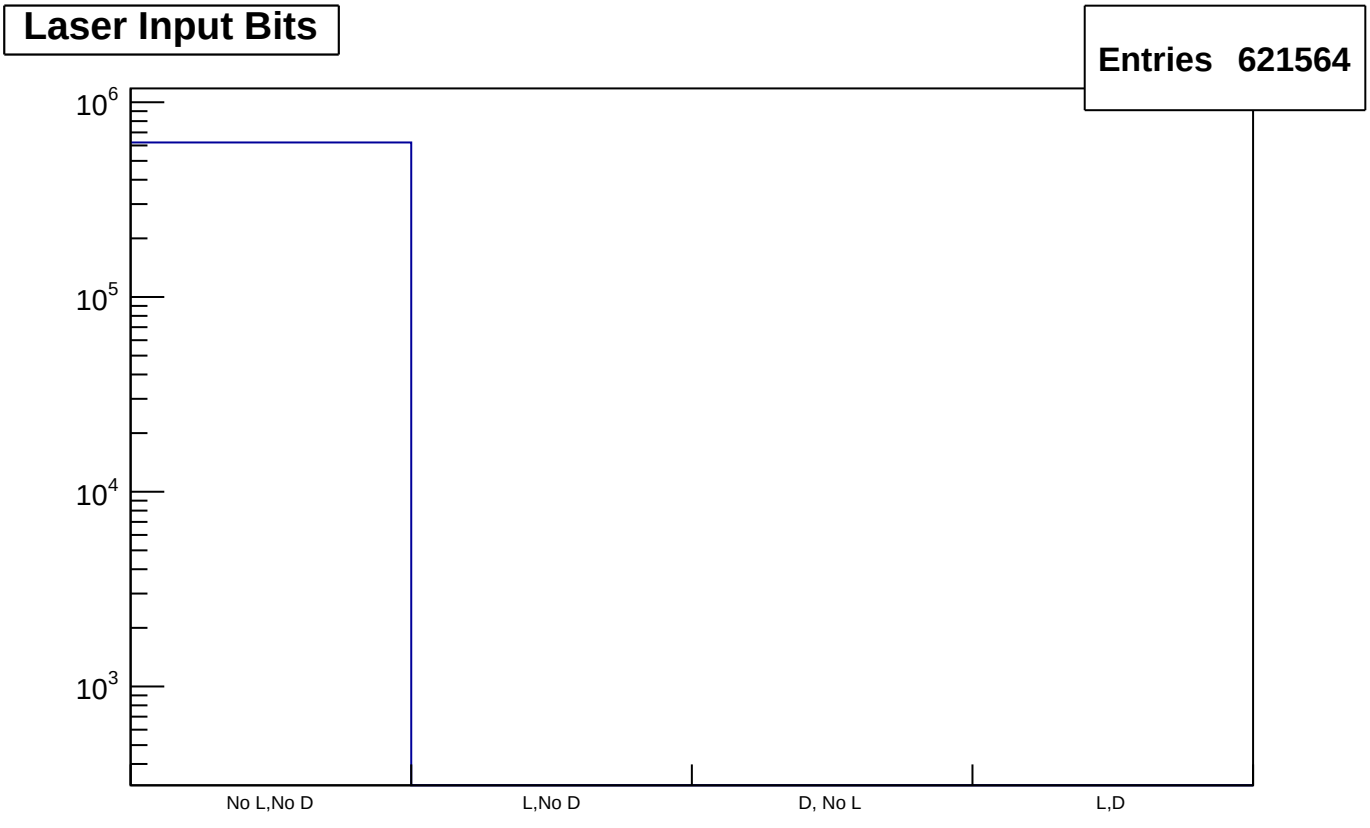

Entries 621564
TOF_Mult
VPD-West ADC Sum

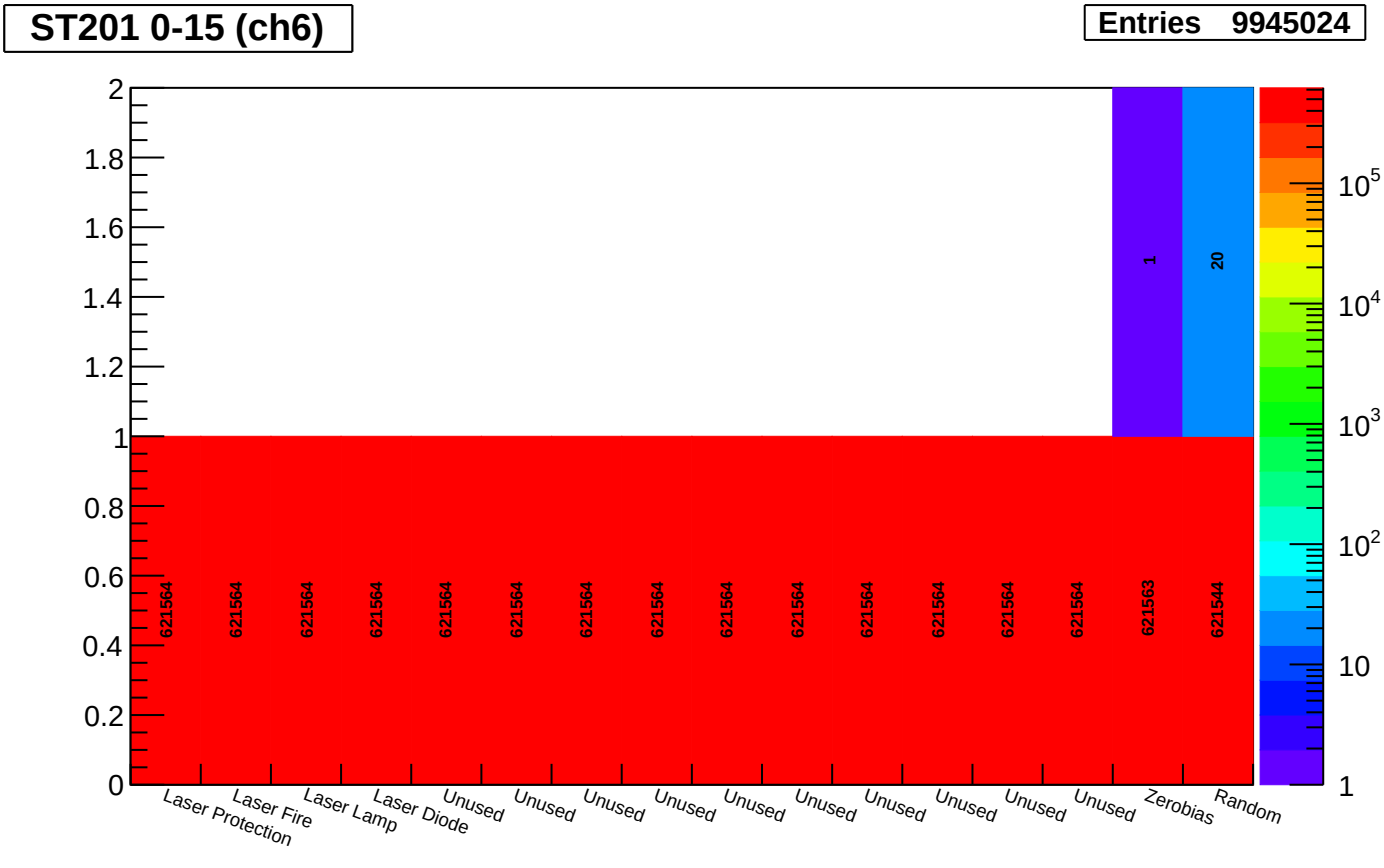

Entries 621564
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

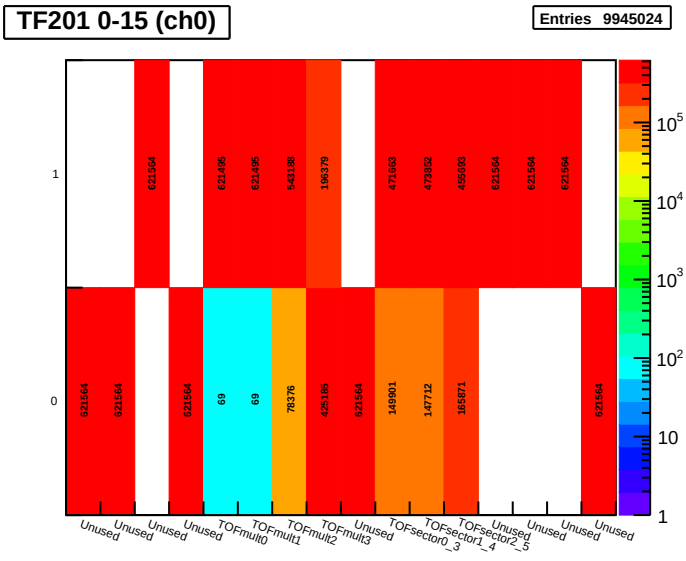

Entries 621564
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}

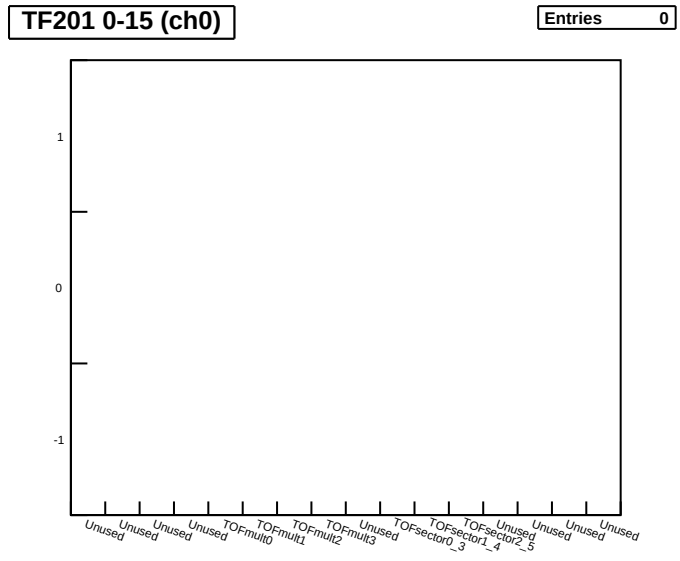

Entries 621564
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

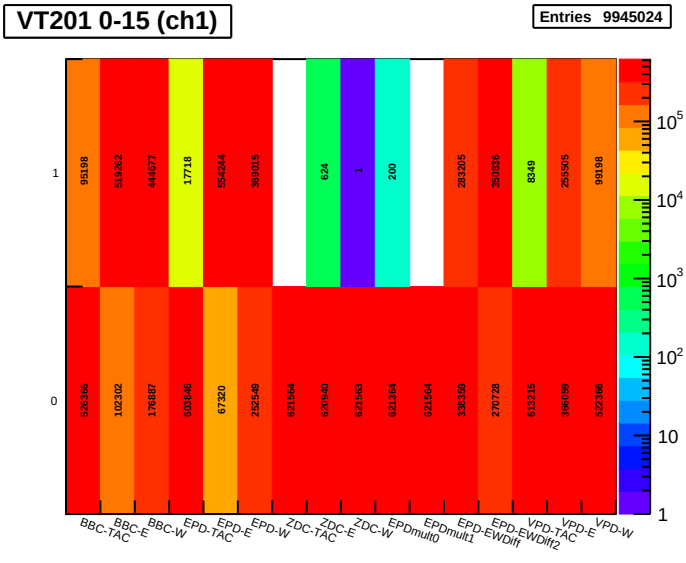

Entries 621564
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

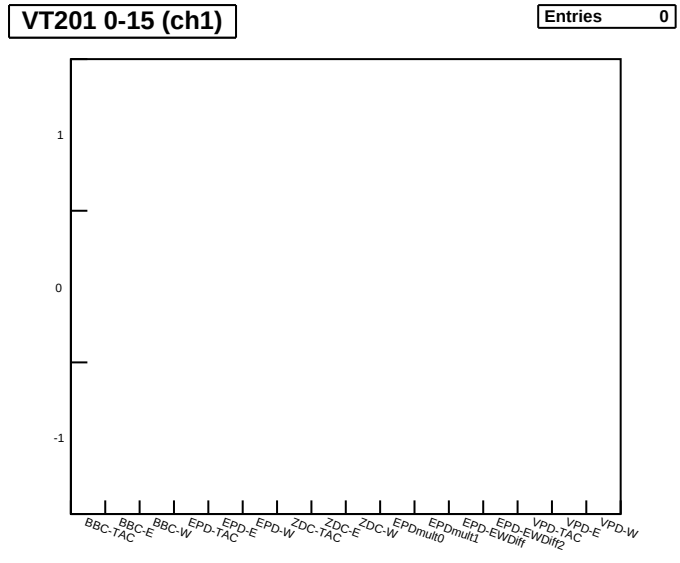

Laser Input Bits
Entries 621564
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

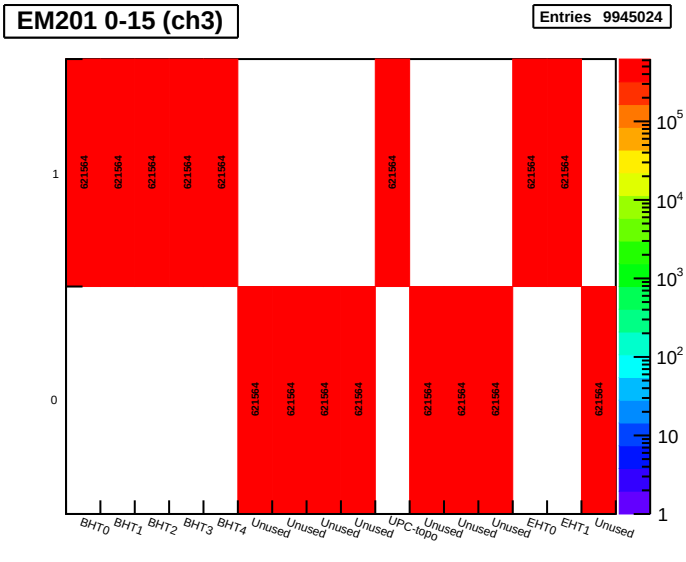

ST201 0-15 (ch6)
Entries 9945024
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
621564
621564
621564
621564
621564
621564
621564
621564
621564
621564
621564
621564
621564
621564
621563
621544
1
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

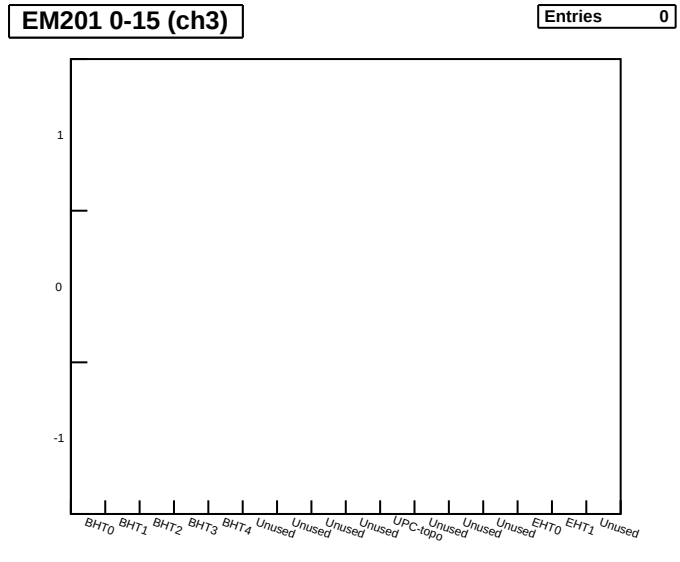

TF201 0-15 (ch0)
Entries 9945024
1
0
621564 621495 621495 543188 196379 471663 472852 455693 621564 621564 621564
621564 621564 621564 69 69 78376 425185 621564 149901 147712 165871 621564
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 9945024
1
0
95198 519262 444677 17718 554244 369015 624 1 200 283205 350836 8349 255505 99198
526366 102302 176887 603846 67320 252549 621564 620940 621563 621364 621564 338359 270728 613215 366059 522366
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 9945024
1
0
621564 621564 621564 621564 621564 621564 621564 621564
621564 621564 621564 621564 621564 621564 621564 621564
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