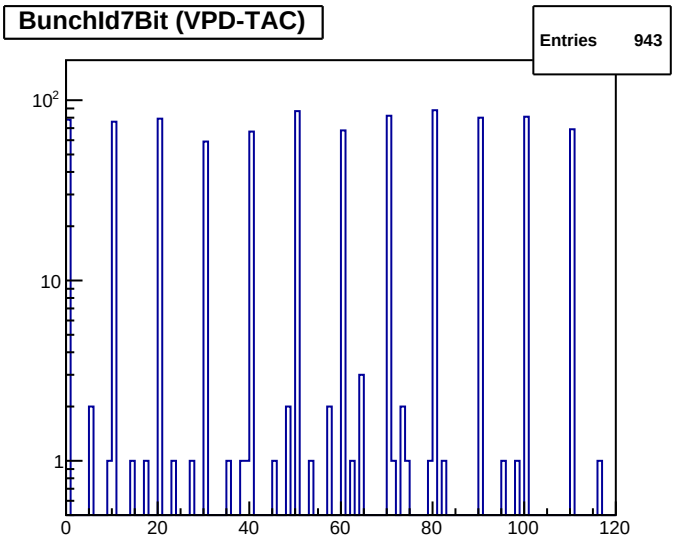
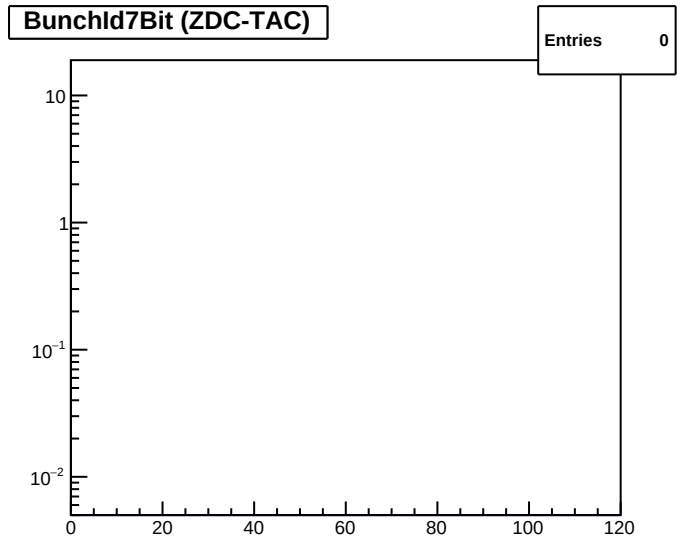
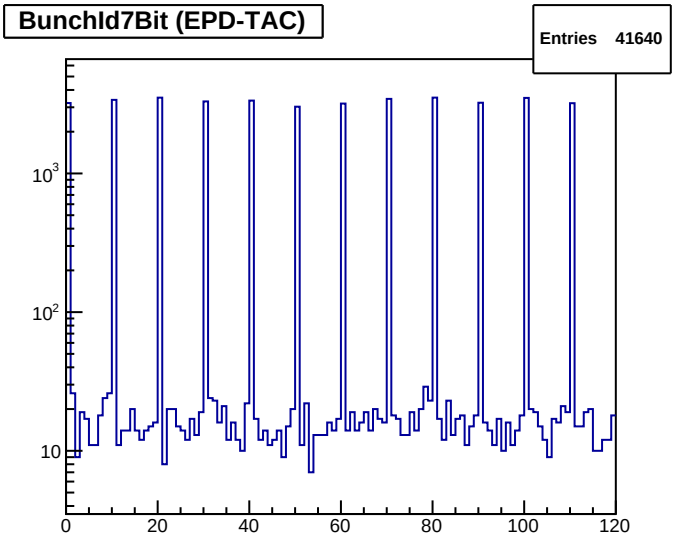
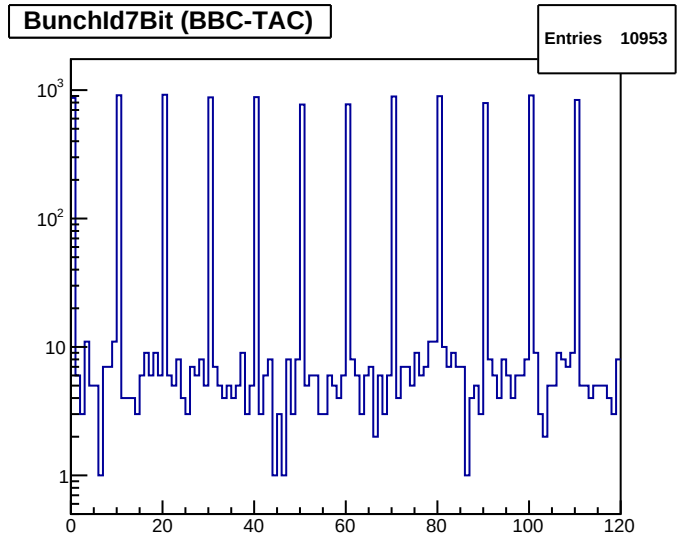
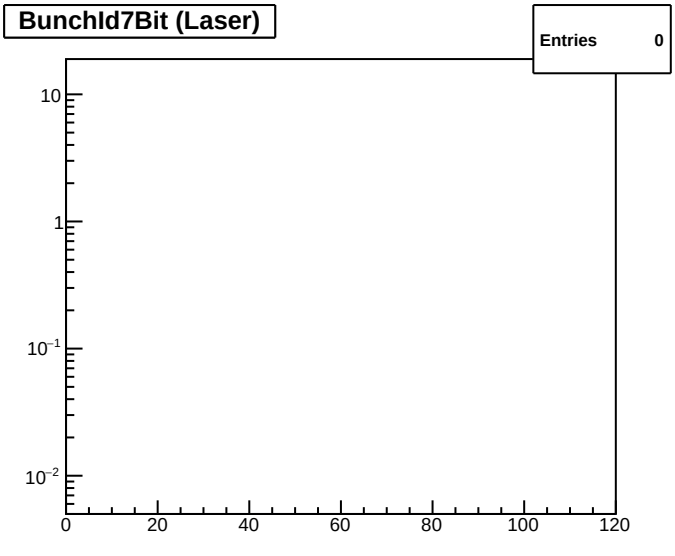
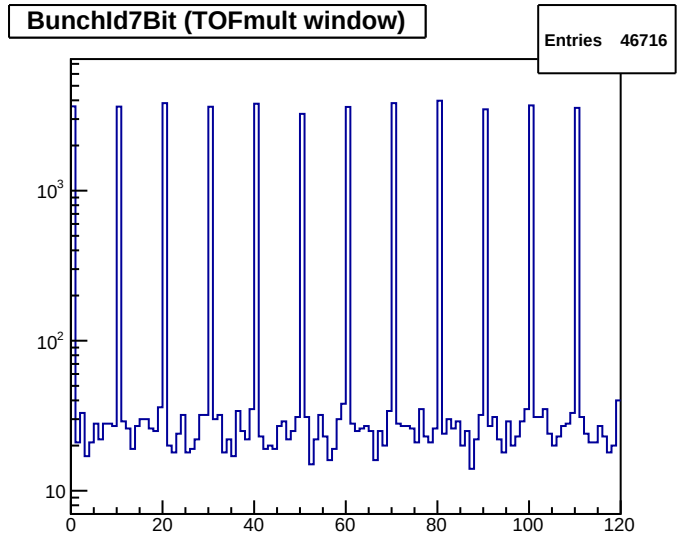

BunchId7Bit (VPD-TAC)
Entries 943

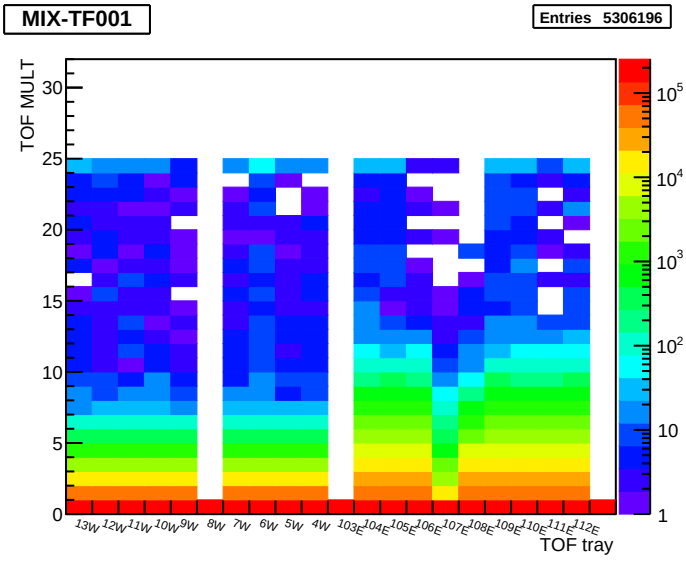

BunchId7Bit (ZDC-TAC)
Entries 0

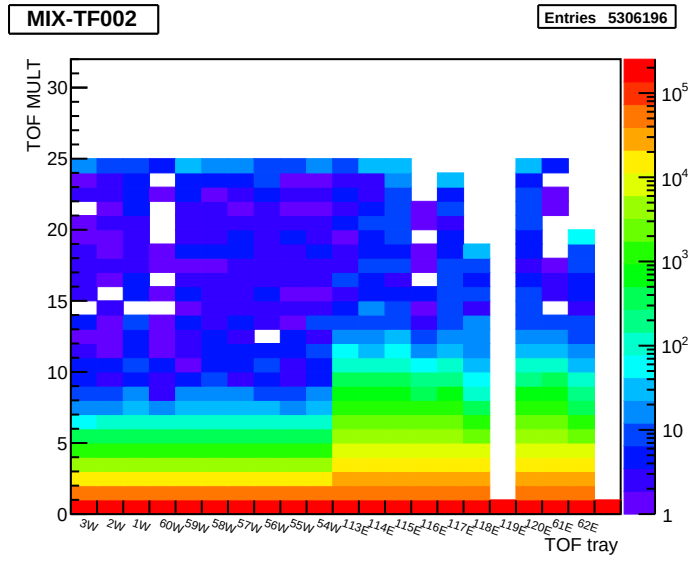

BunchId7Bit (EPD-TAC)
Entries 41640

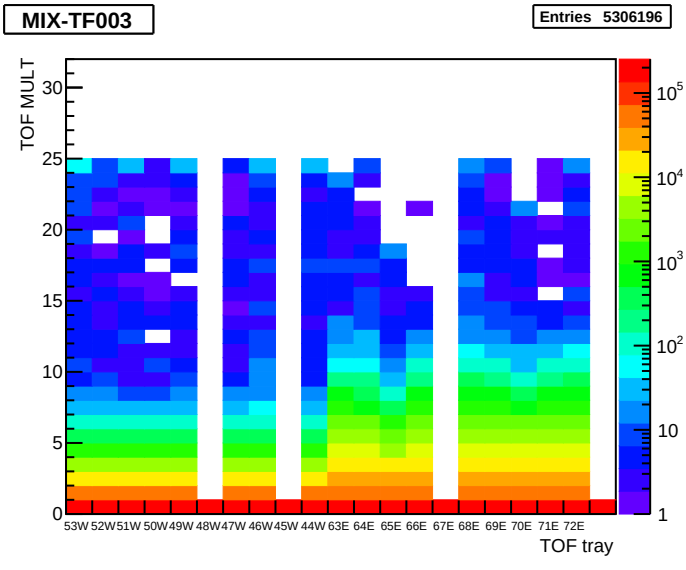

BunchId7Bit (BBC-TAC)
Entries 10953

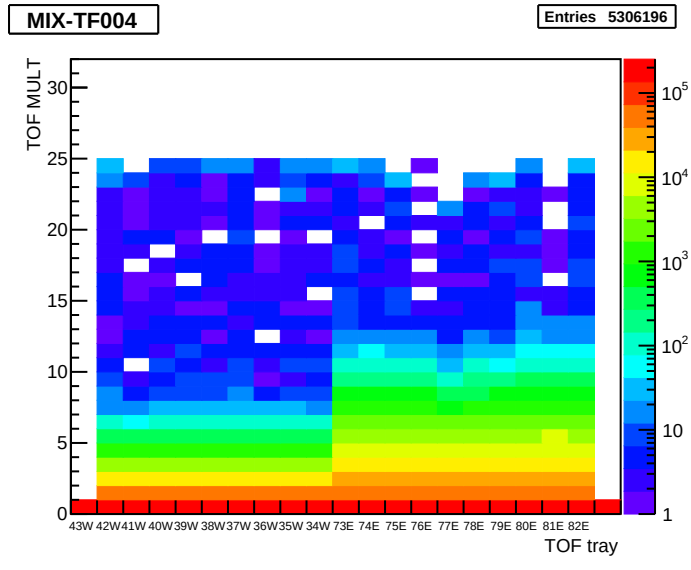

BunchId7Bit (Laser)
Entries 0

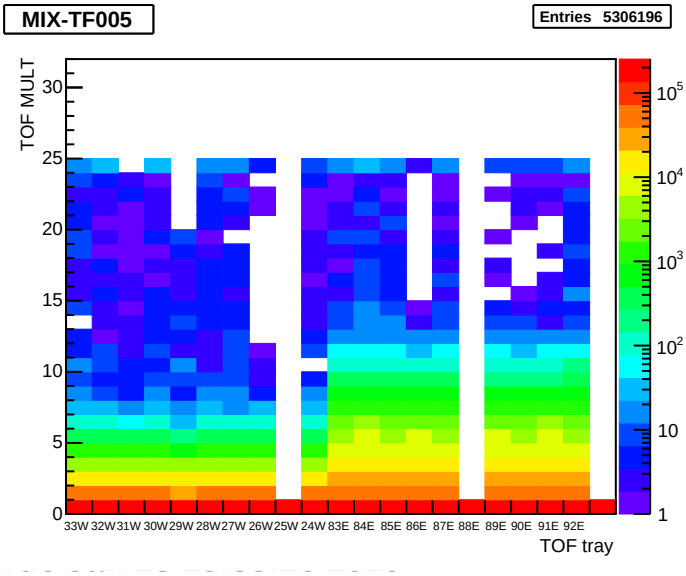

BunchId7Bit (TOFmult window)
Entries 46716

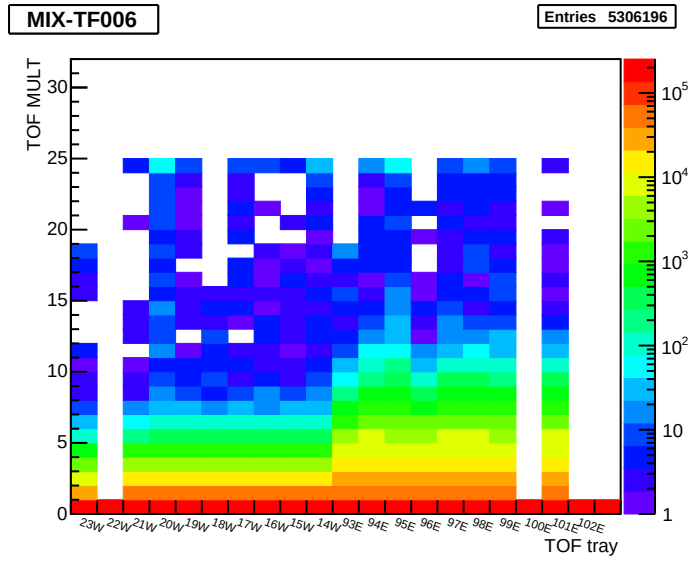

MIX-TF001
Entries 5306196
TOF MULT
TOF tray

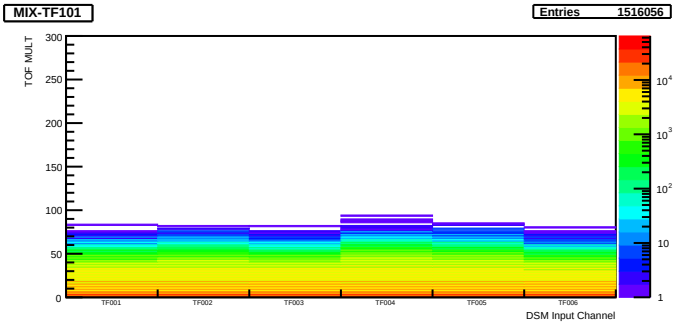

MIX-TF002
Entries 5306196
TOF MULT
TOF tray

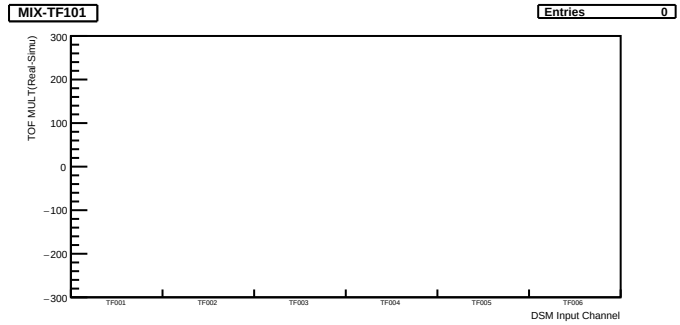

MIX-TF003
Entries 5306196
TOF MULT
TOF tray

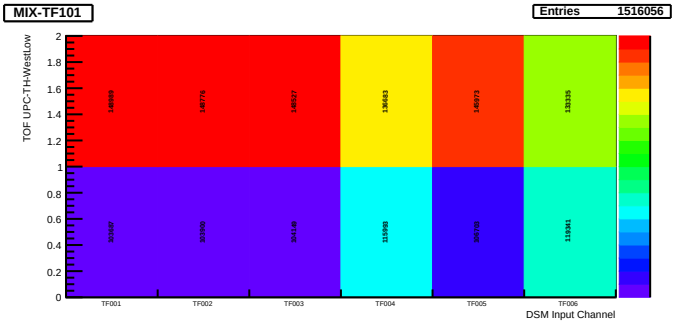

MIX-TF004
Entries 5306196
TOF MULT
TOF tray

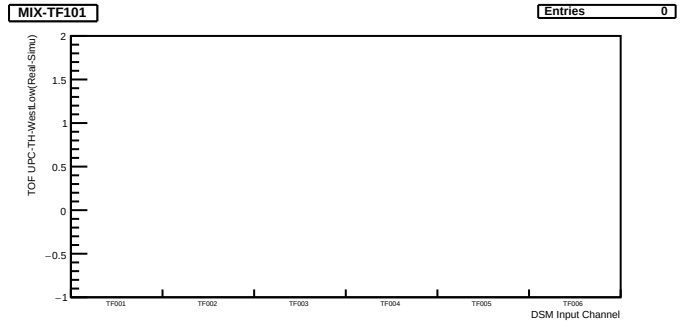

MIX-TF005
Entries 5306196
TOF MULT
TOF tray

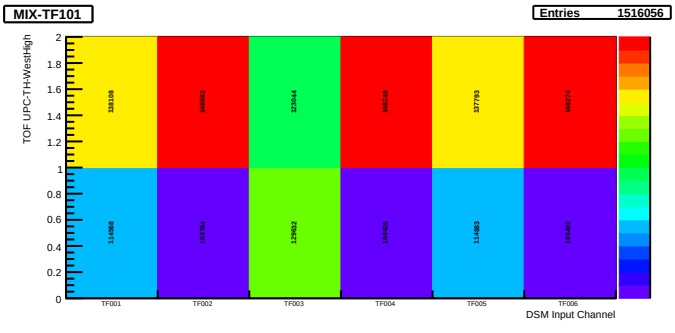

MIX-TF006
Entries 5306196
TOF MULT
TOF tray

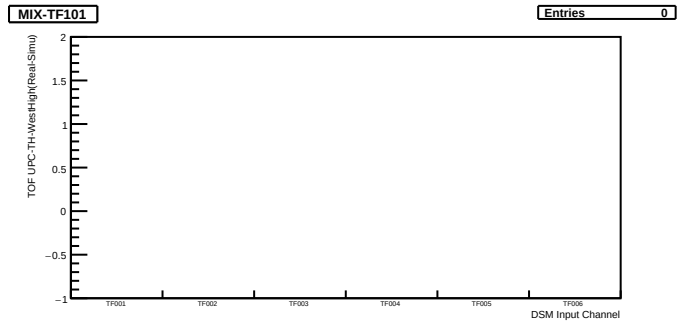

MIX-TF101
Entries 1516056
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

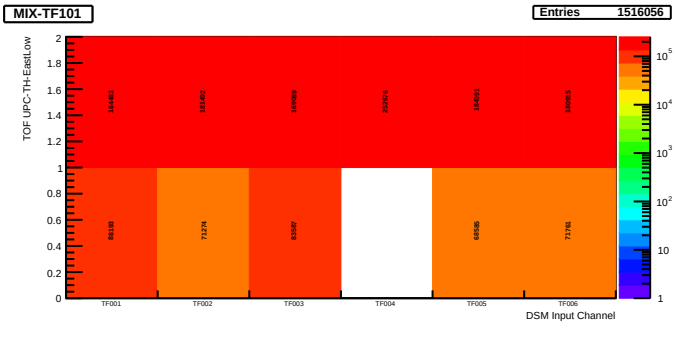

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

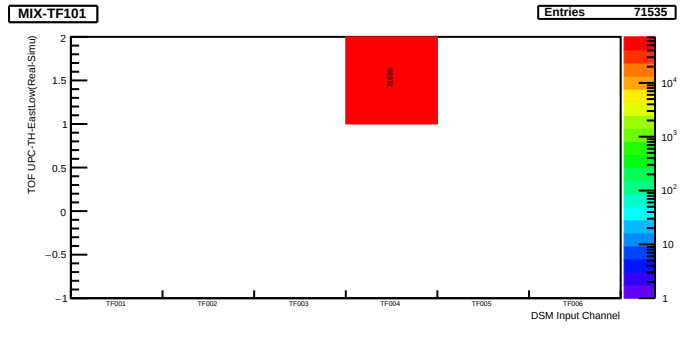

MIX-TF101
Entries 1516056
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

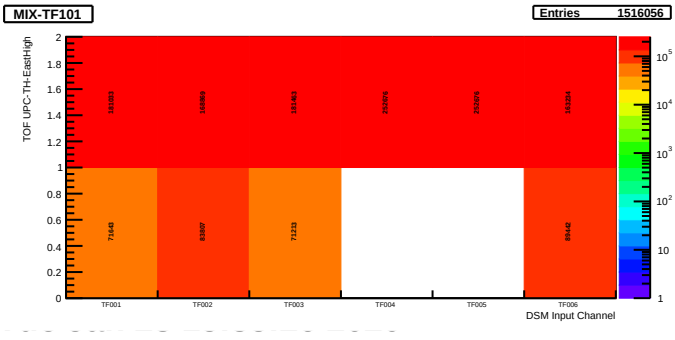

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

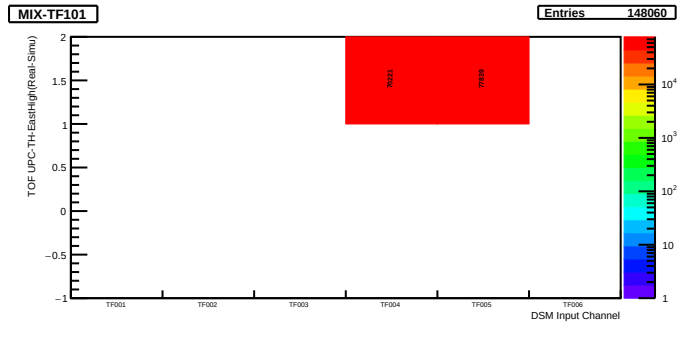

MIX-TF101
Entries 1516056
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

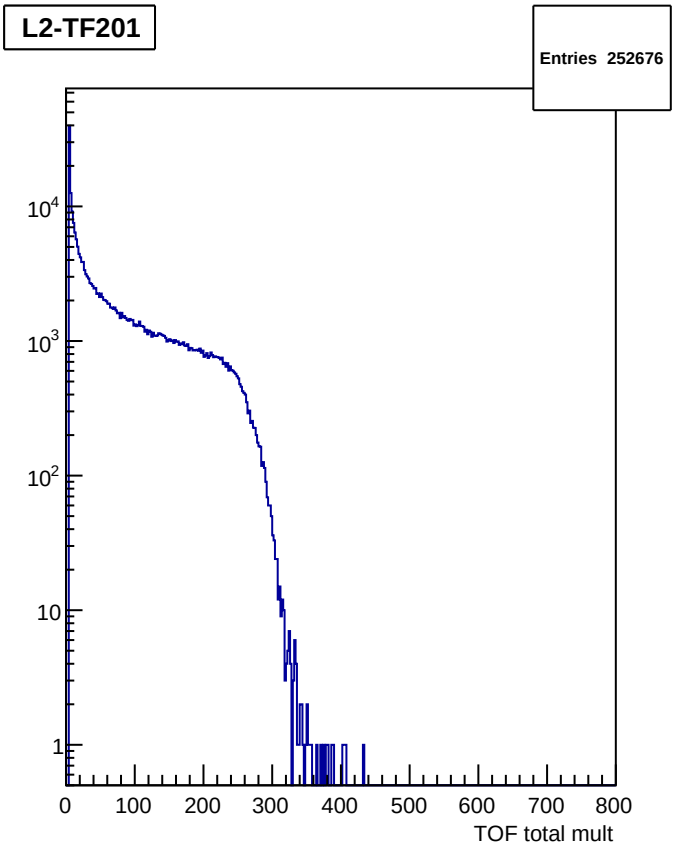

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

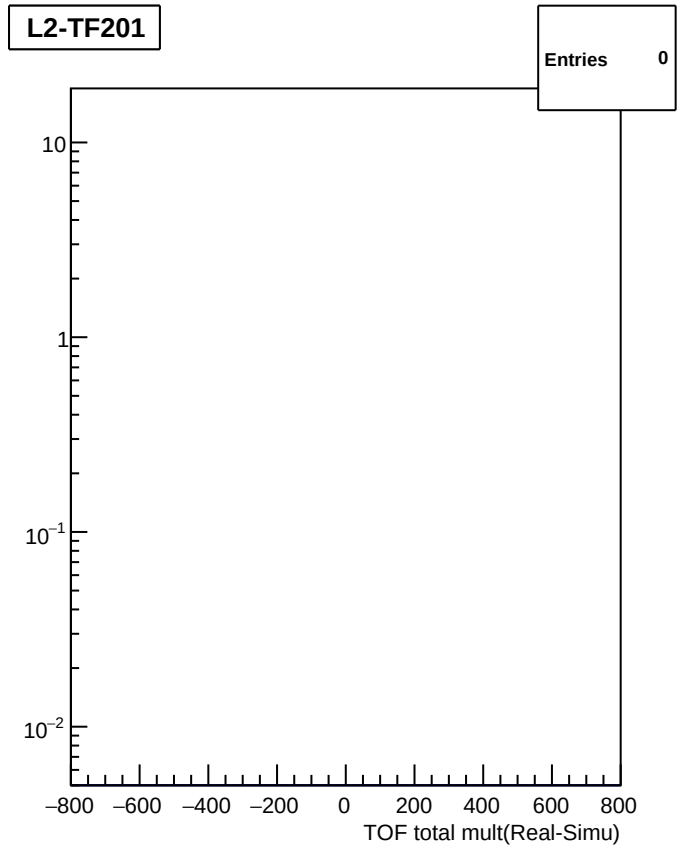

MIX-TF101
Entries 1516056
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

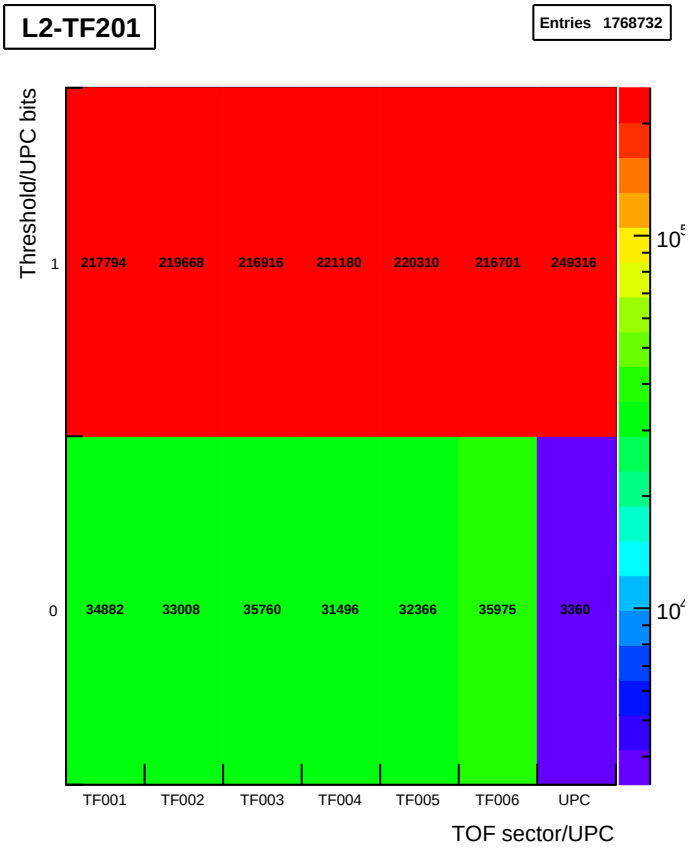

MIX-TF101
Entries 71535
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

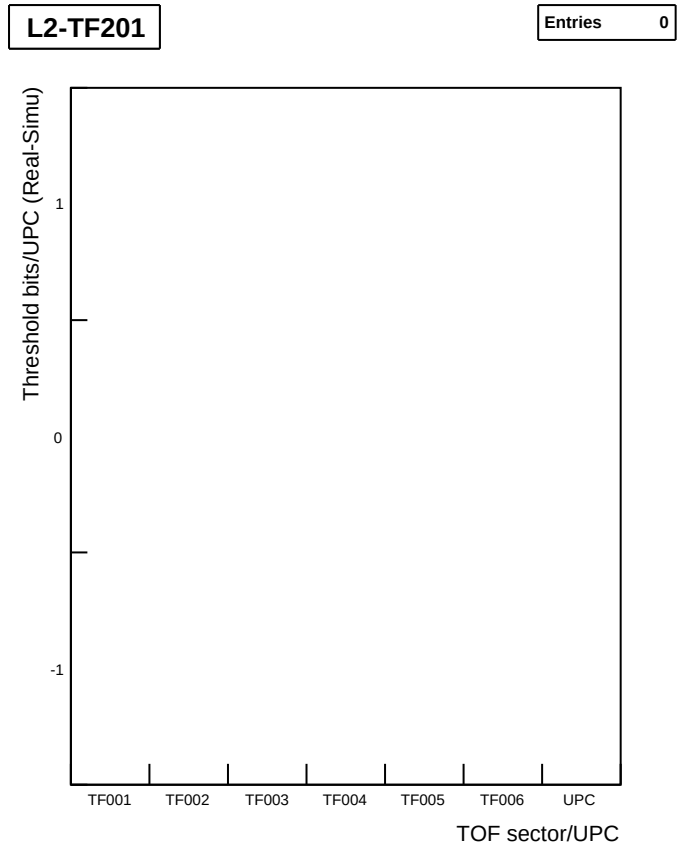

MIX-TF101
Entries 1516056
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

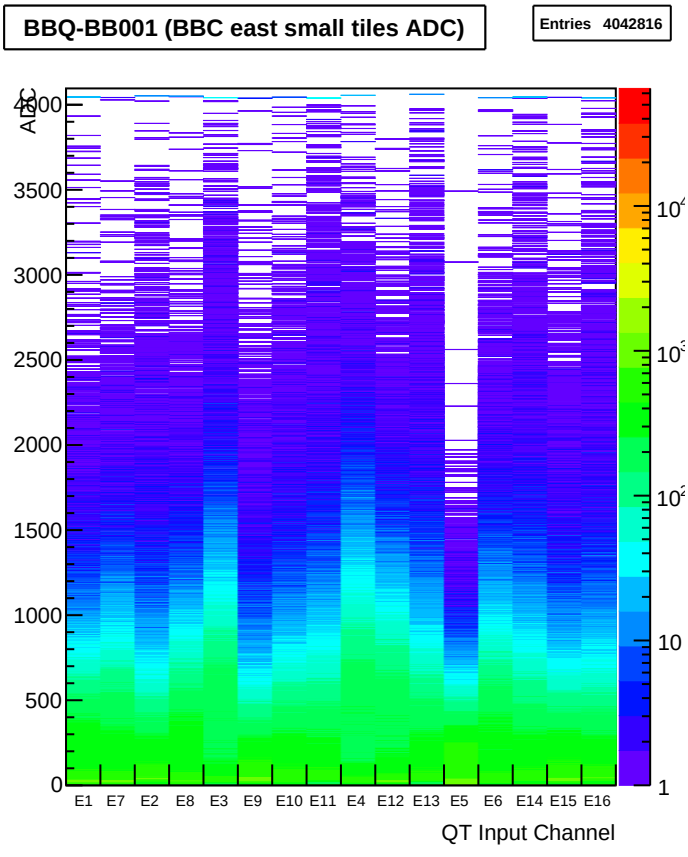

MIX-TF101
Entries 148060
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

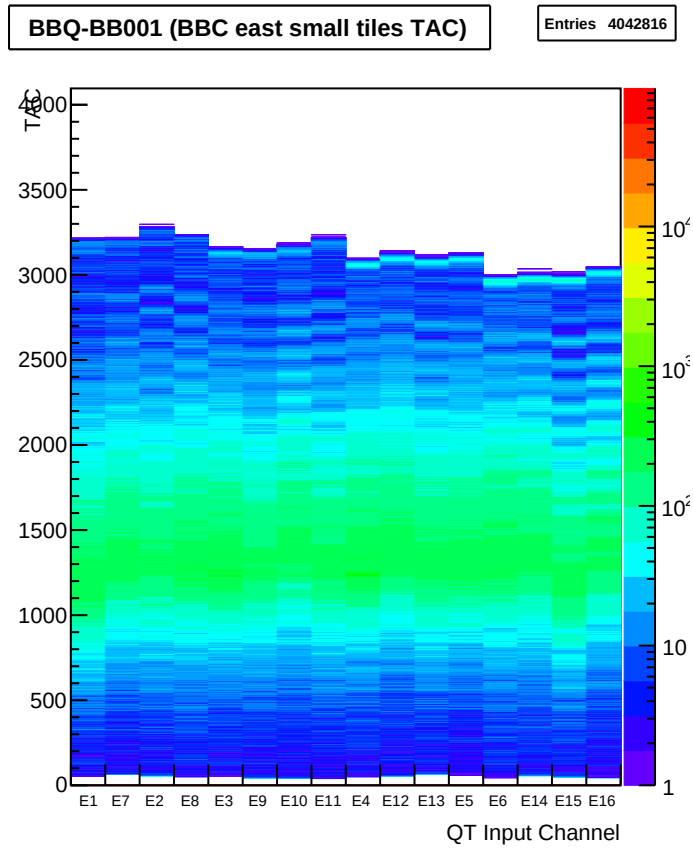

L2-TF201
Entries 252676
TOF total mult

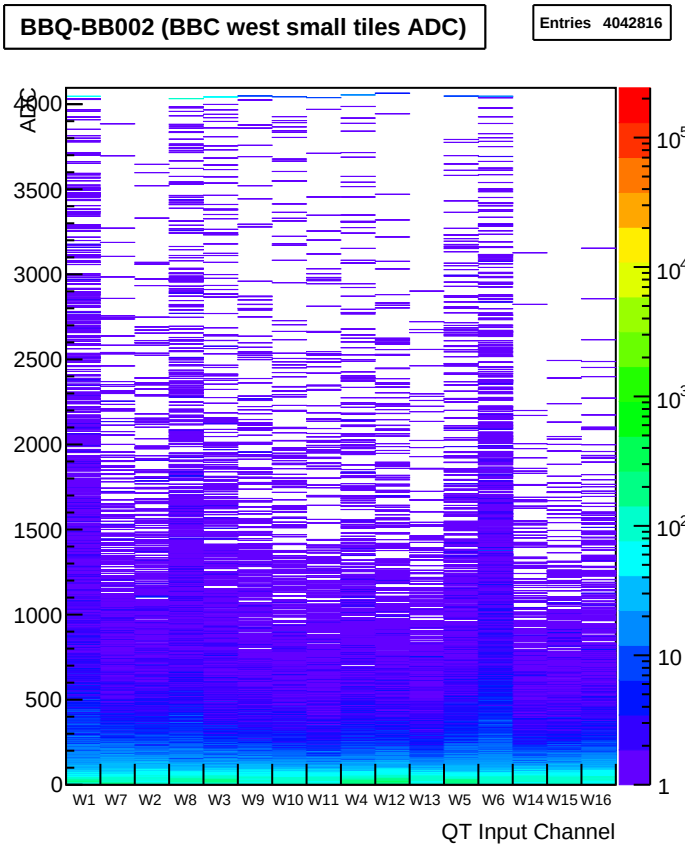

L2-TF201
Entries 0
TOF total mult(Real-Simu)

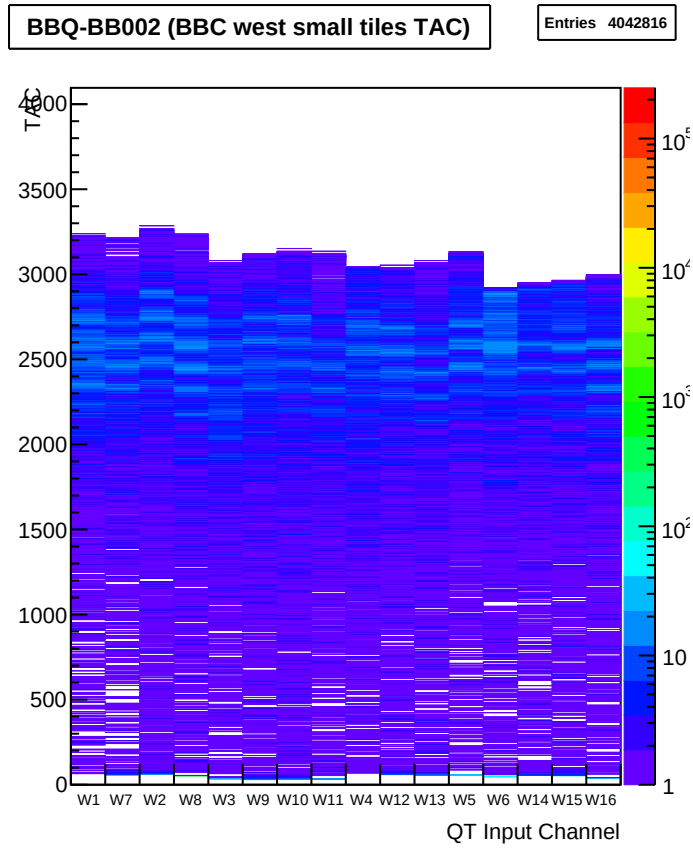

L2-TF201
Entries 1768732
Threshold/UPC bits
217794
219668
216916
221180
220310
216701
249316
34882
33008
35760
31496
32366
35975
3360
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

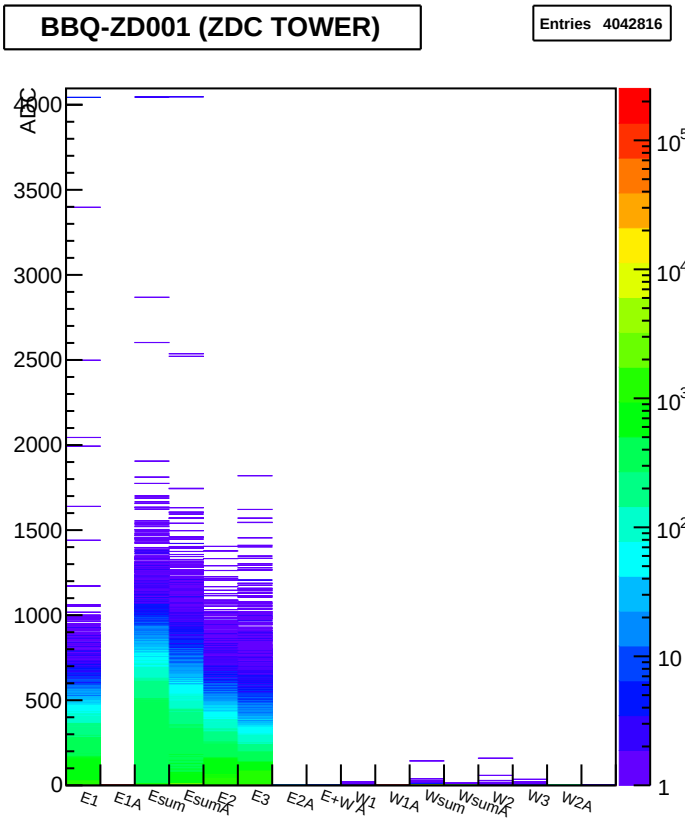

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

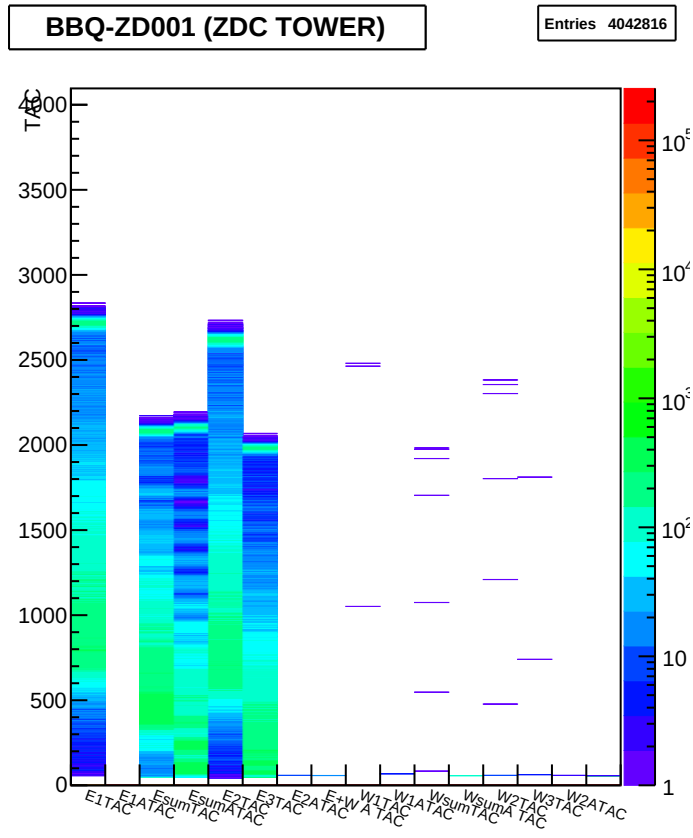

BBQ-BB001 (BBC east small tiles ADC)
Entries 4042816
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

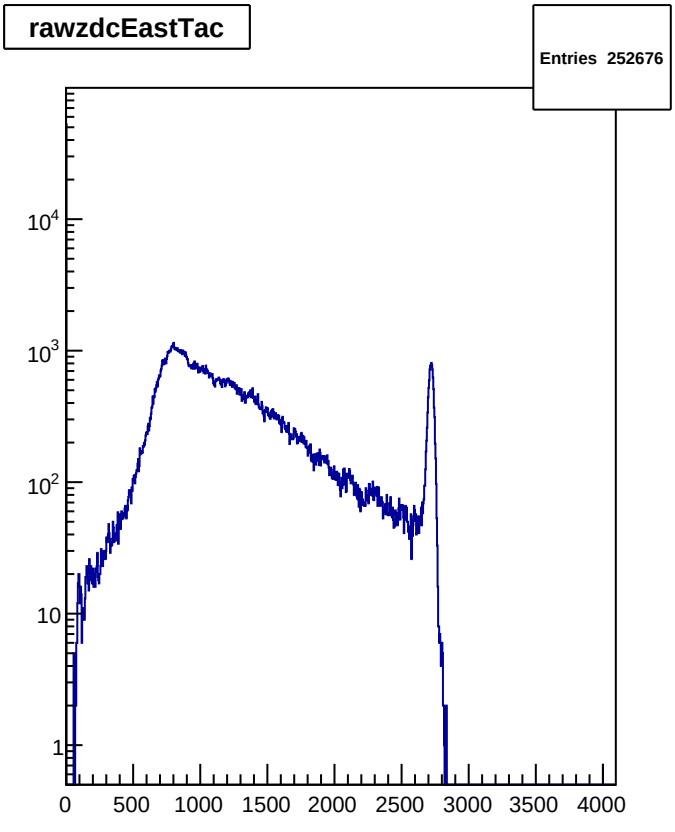

BBQ-BB001 (BBC east small tiles TAC)
Entries 4042816
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

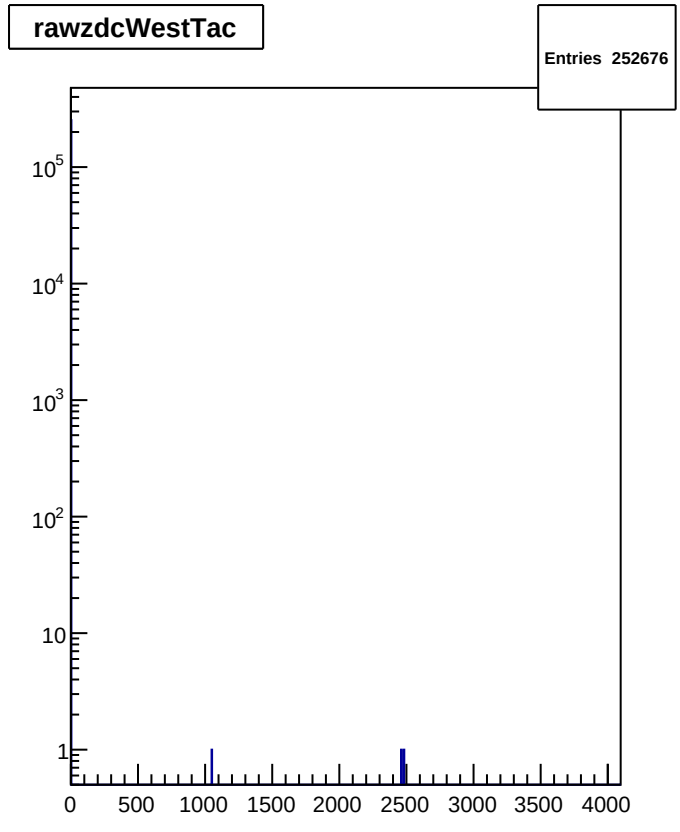

BBQ-BB002 (BBC west small tiles ADC)
Entries 4042816
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

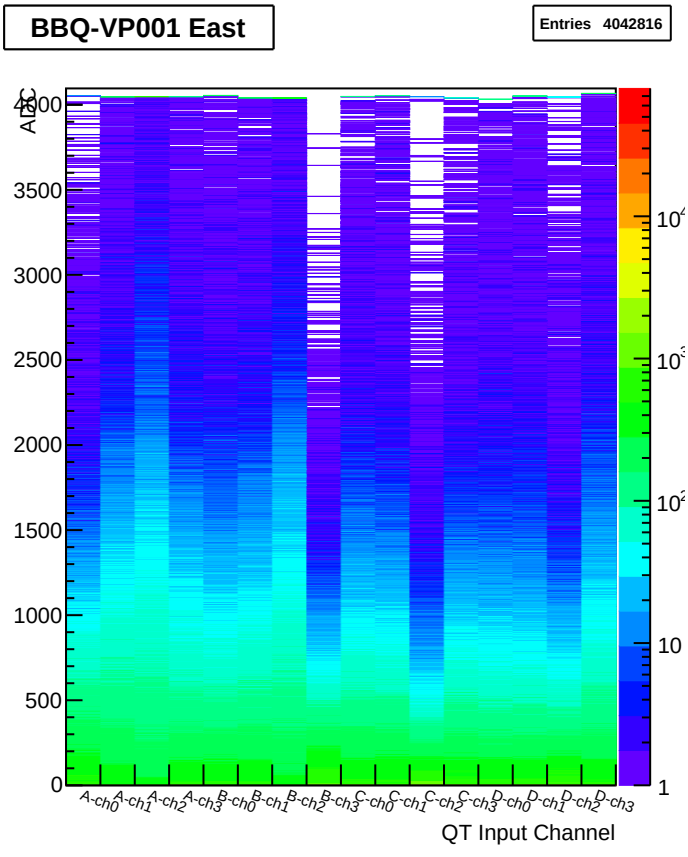

BBQ-BB002 (BBC west small tiles TAC)
Entries 4042816
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

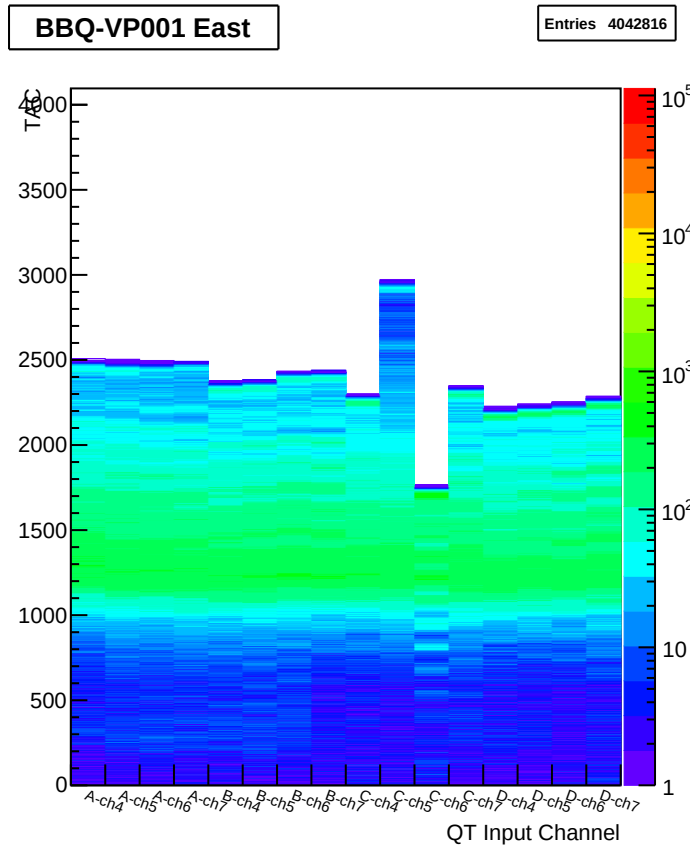

BBQ-ZD001 (ZDC TOWER)
Entries 4042816
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

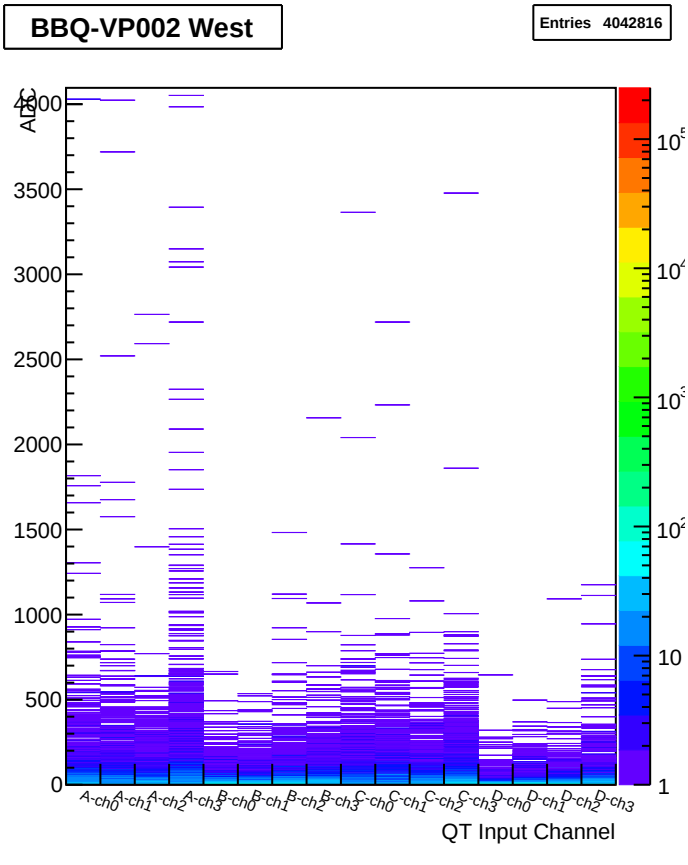

BBQ-ZD001 (ZDC TOWER)
Entries 4042816
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

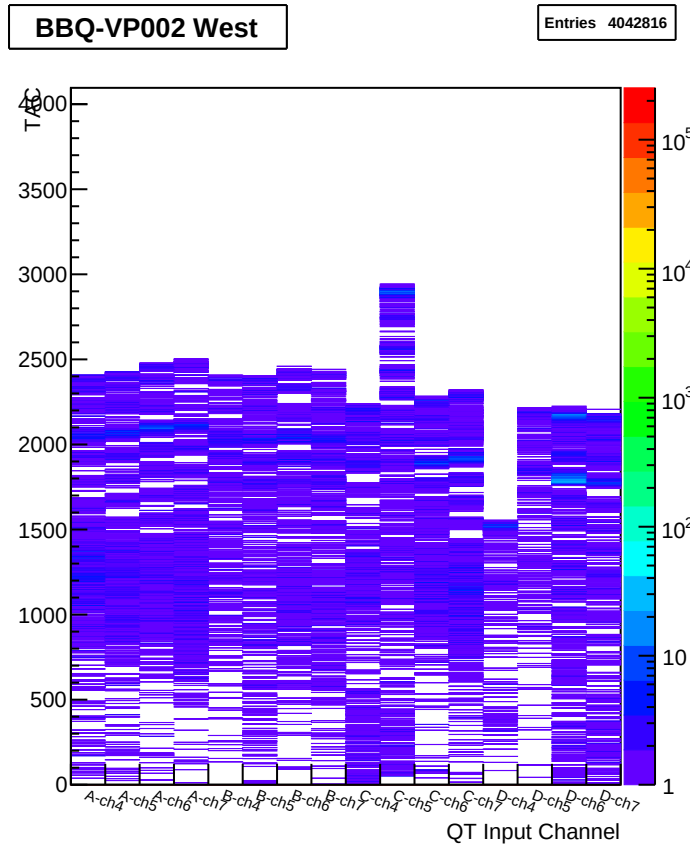

rawzdcEastTac
Entries 252676

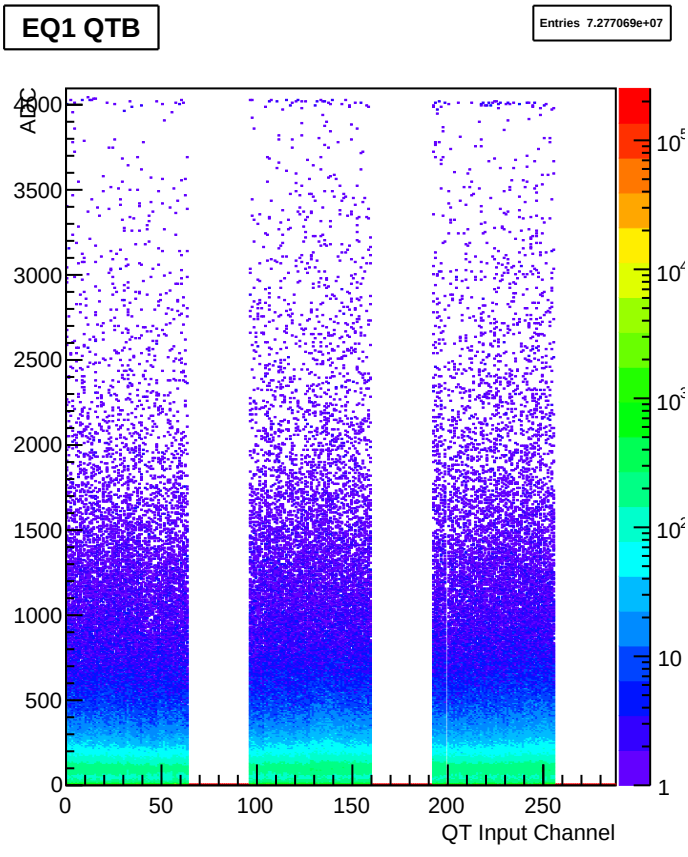

rawzdcWestTac
Entries 252676

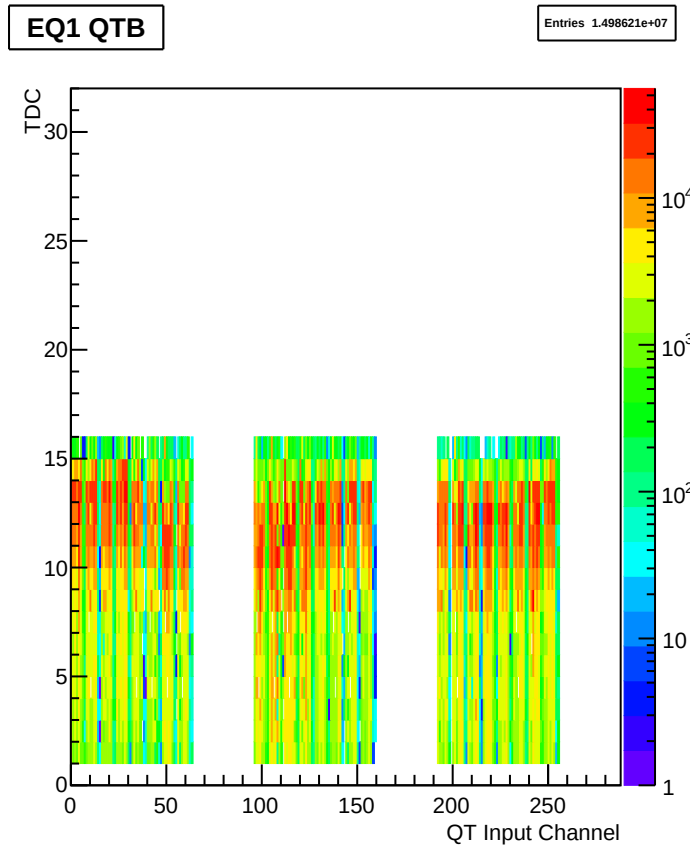

BBQ-VP001 East
Entries 4042816
ADC
QT Input Channel

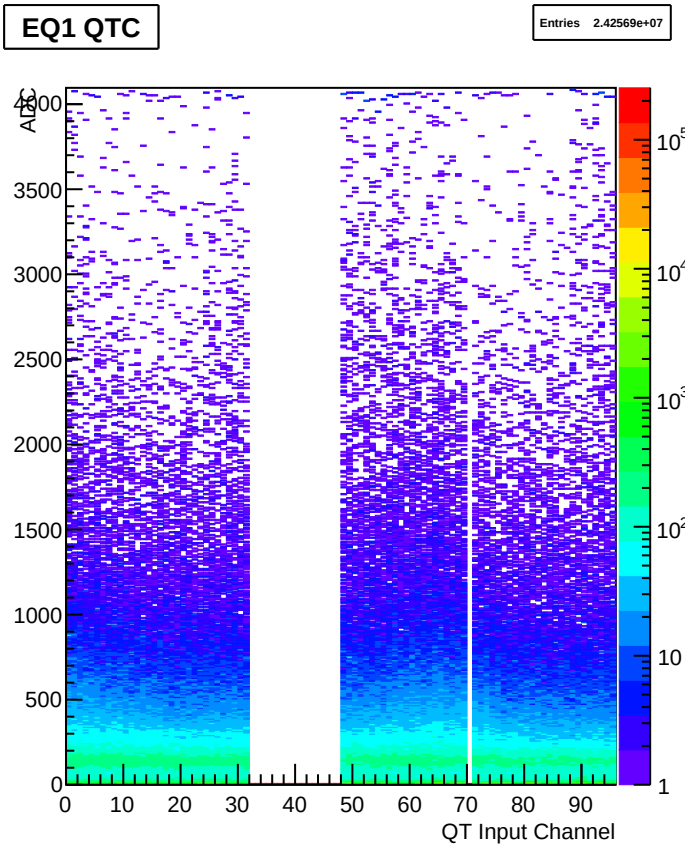

BBQ-VP001 East
Entries 4042816
TADC
QT Input Channel

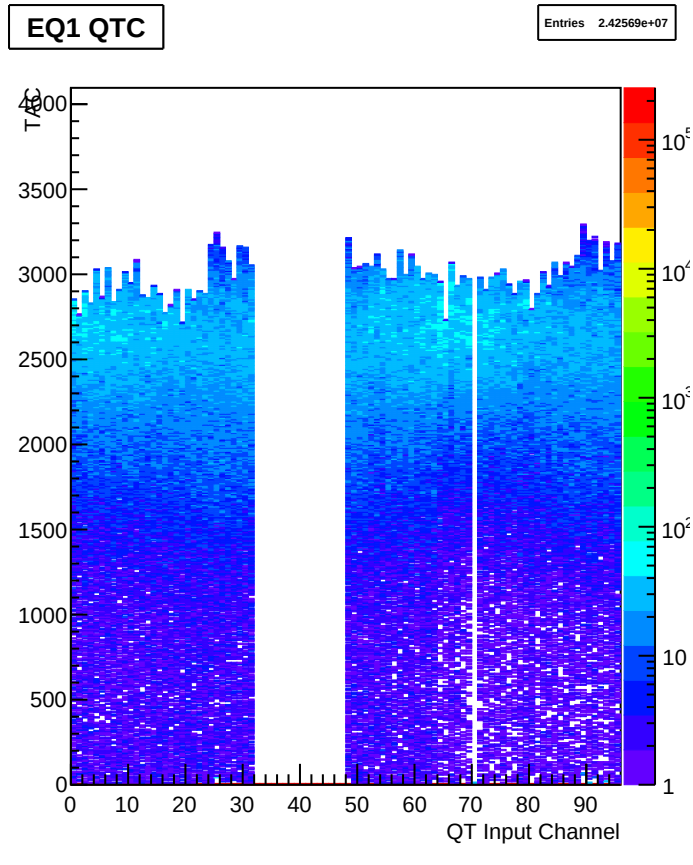

BBQ-VP002 West
Entries 4042816
ADC
QT Input Channel

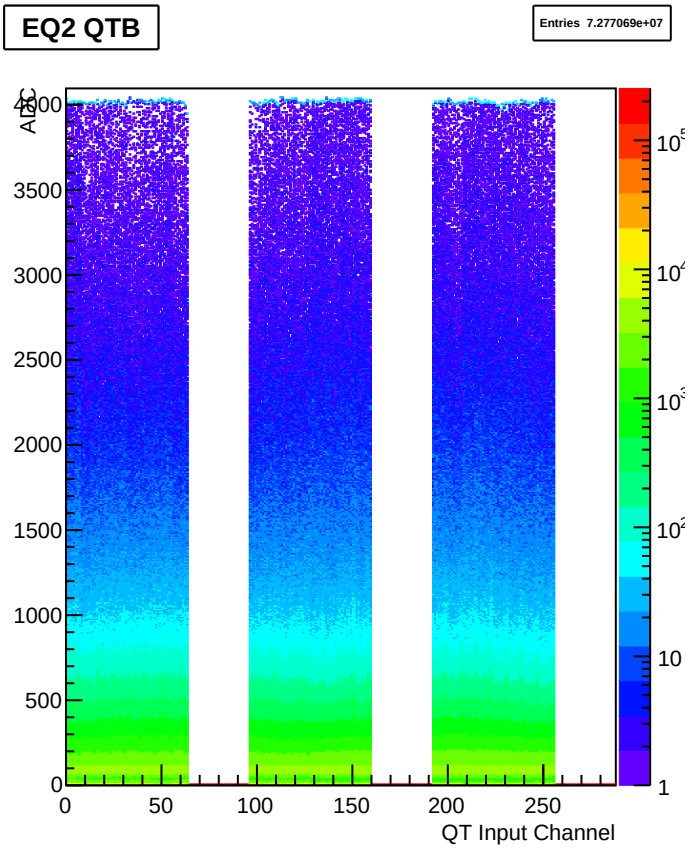

BBQ-VP002 West
Entries 4042816
TADC
QT Input Channel

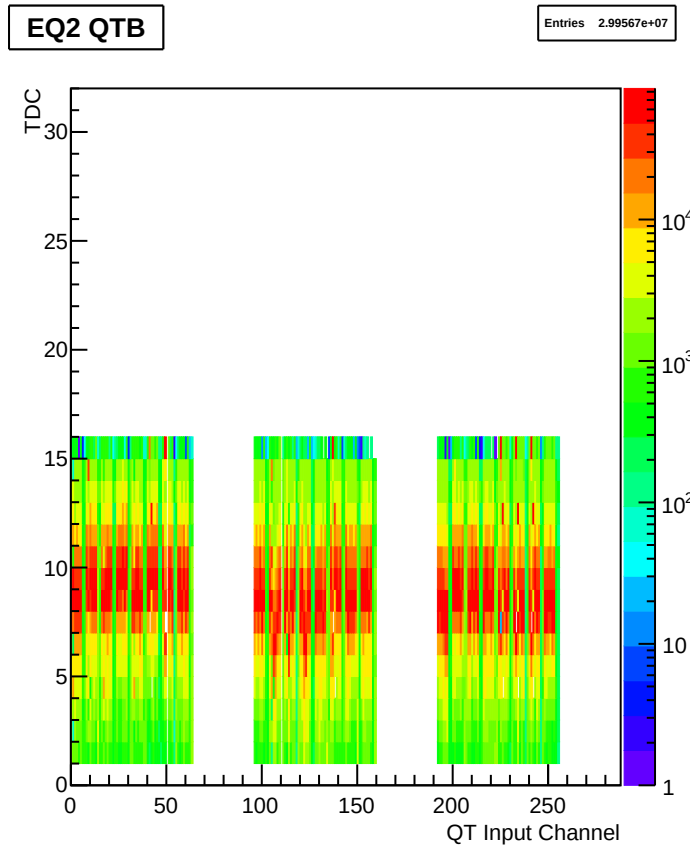

EQ1 QTB
Entries 7.277069e+07
ADC
QT Input Channel

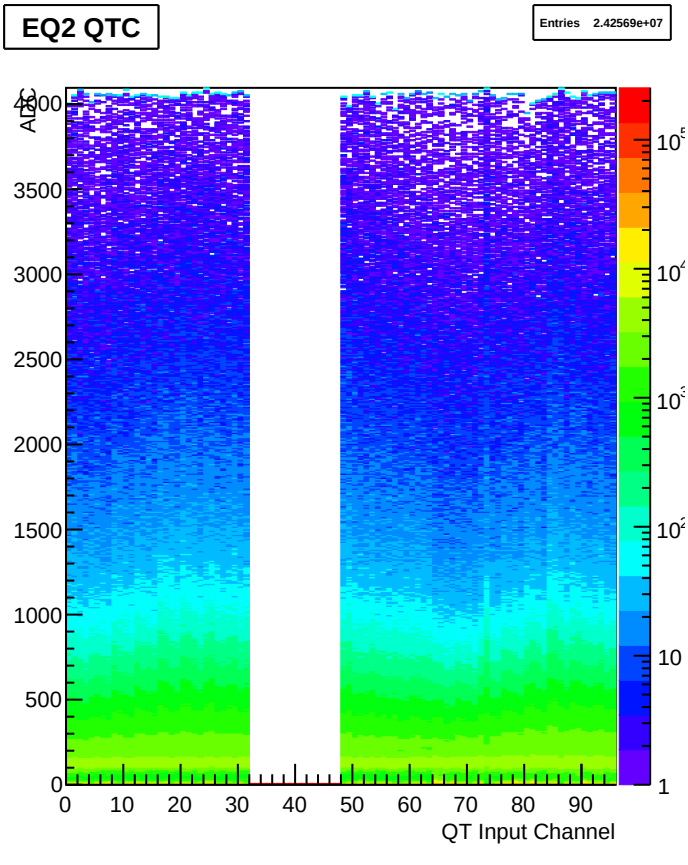

EQ1 QTB
Entries 1.498621e+07
TDC
QT Input Channel

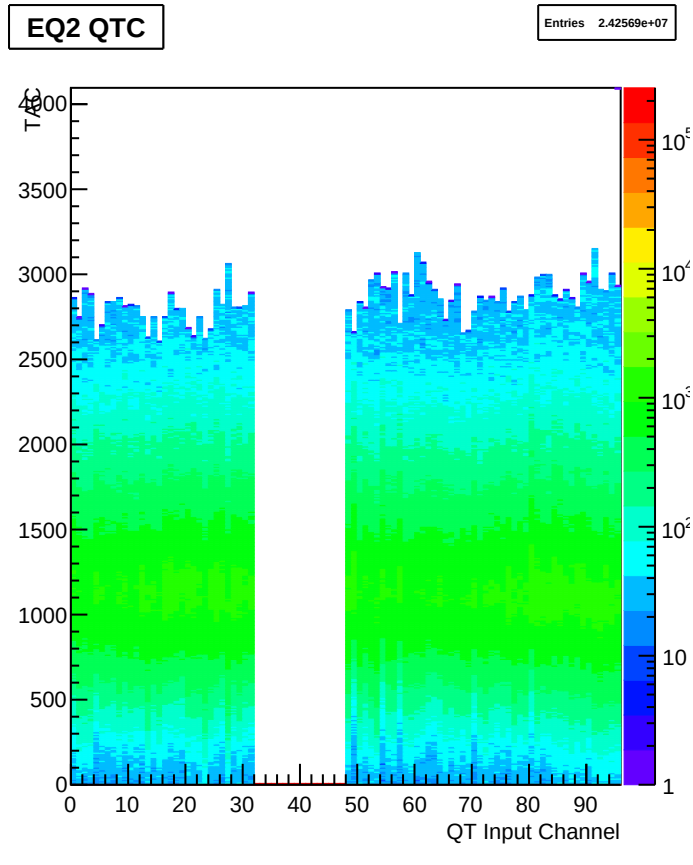

EQ1 QTC
Entries 2.42569e+07
ADC
QT Input Channel

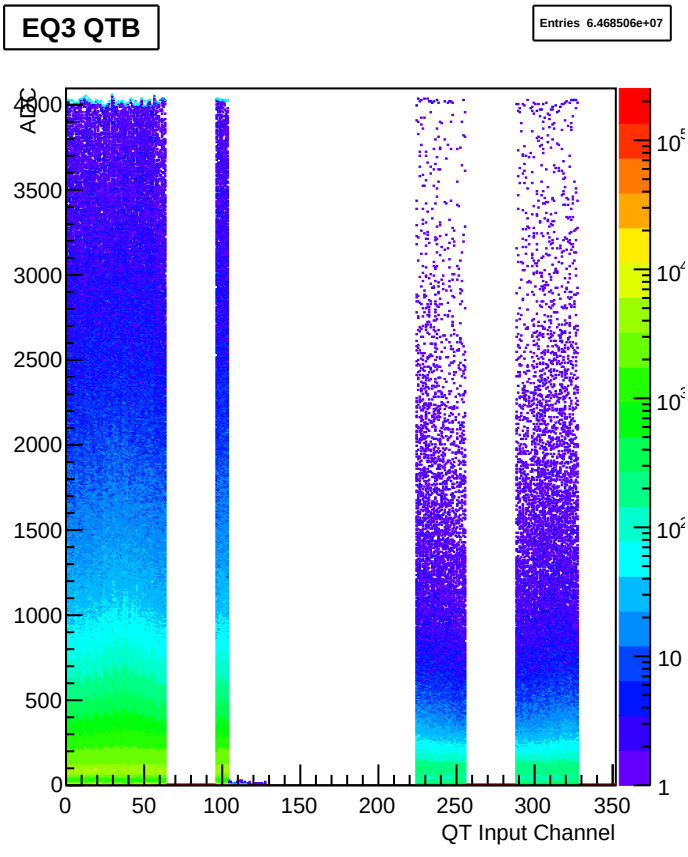

EQ1 QTC
Entries 2.42569e+07
TADC
QT Input Channel

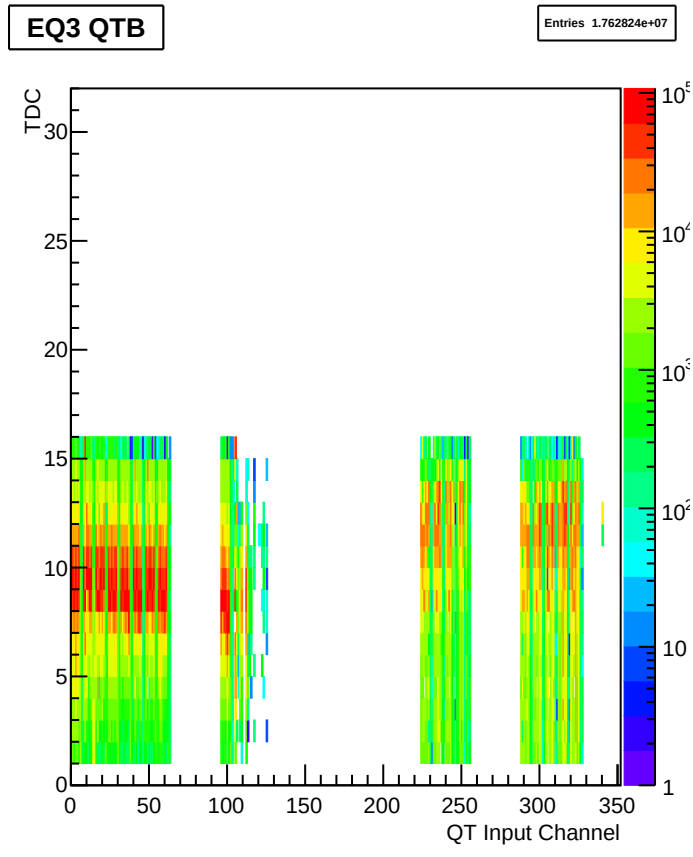

EQ2 QTB
Entries 7.277069e+07
ADC
QT Input Channel

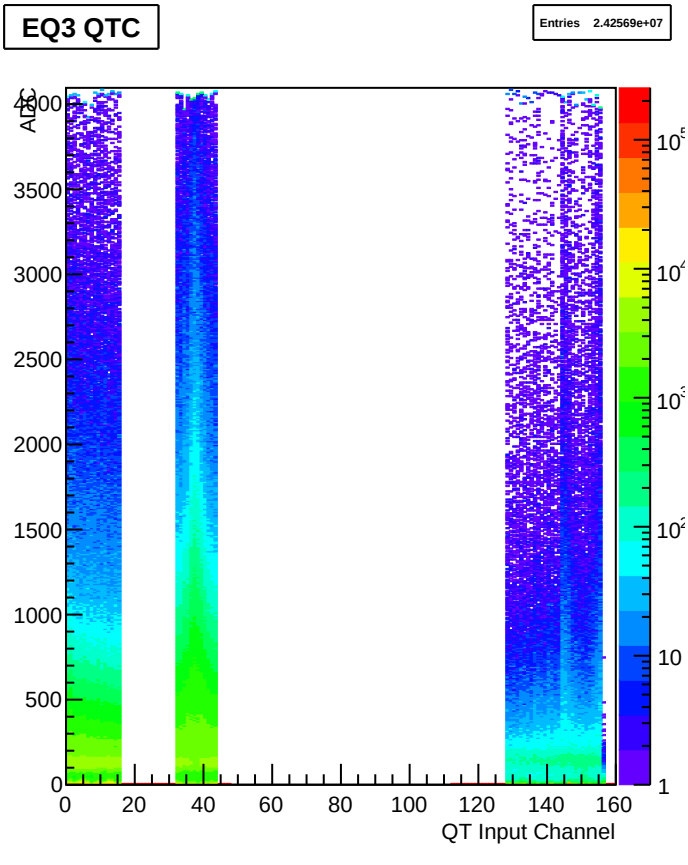

EQ2 QTB
Entries 2.99567e+07
TDC
QT Input Channel

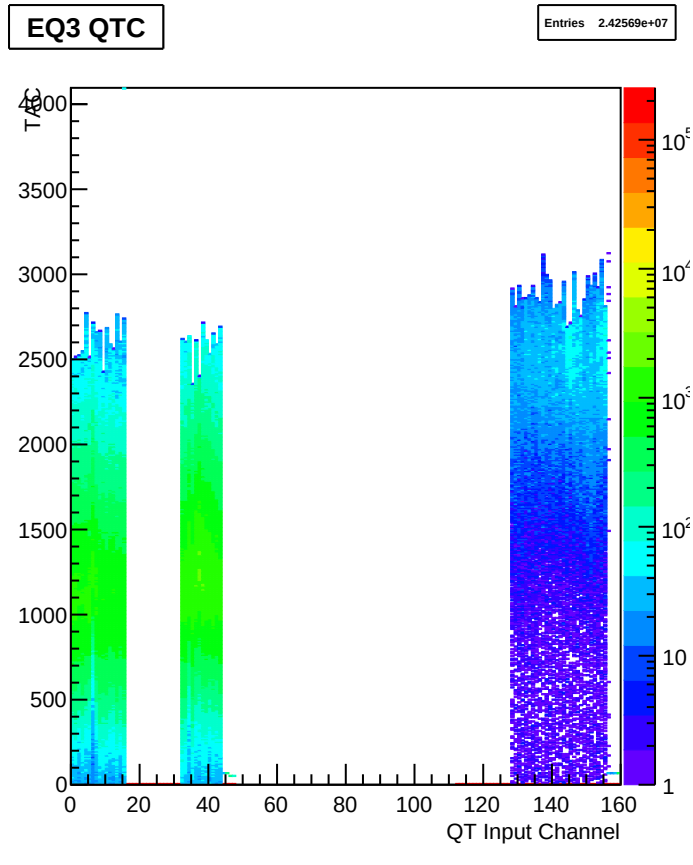

EQ2 QTC
Entries 2.42569e+07
ADC
QT Input Channel

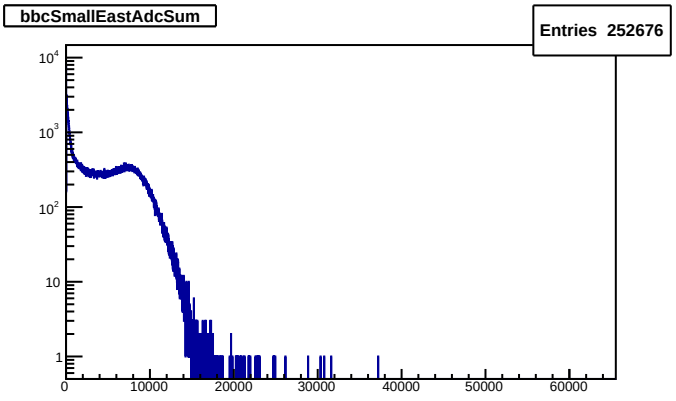

EQ2 QTC
Entries 2.42569e+07
TADC
QT Input Channel

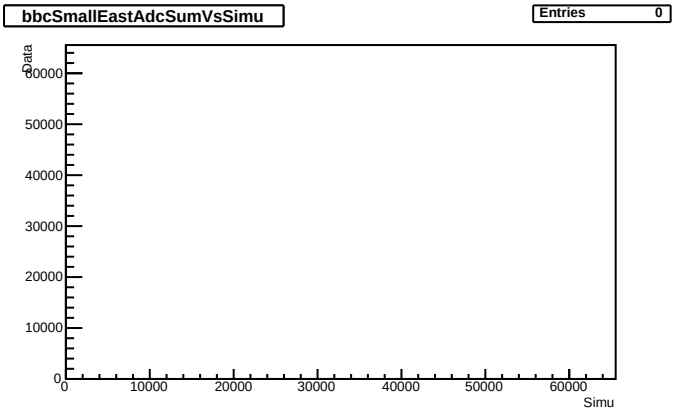

EQ3 QTB
Entries 6.468506e+07
ADC
QT Input Channel

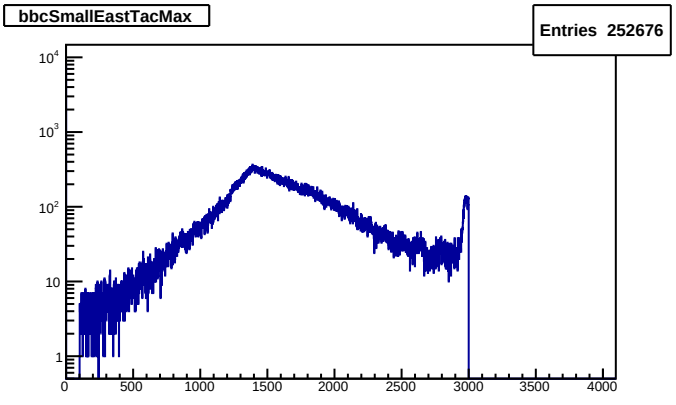

EQ3 QTB
Entries 1.762824e+07
TDC
QT Input Channel

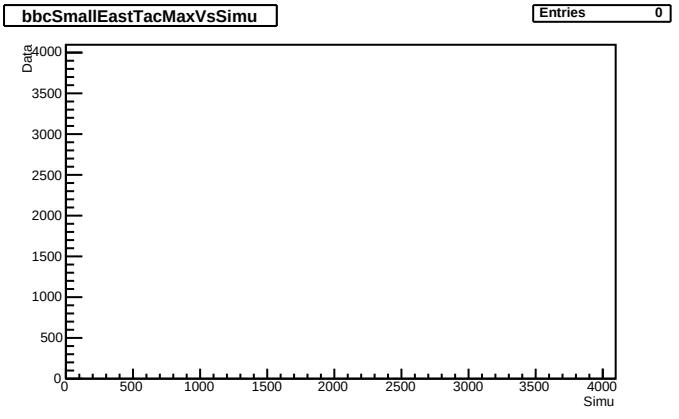

EQ3 QTC
Entries 2.42569e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.42569e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 252676


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 252676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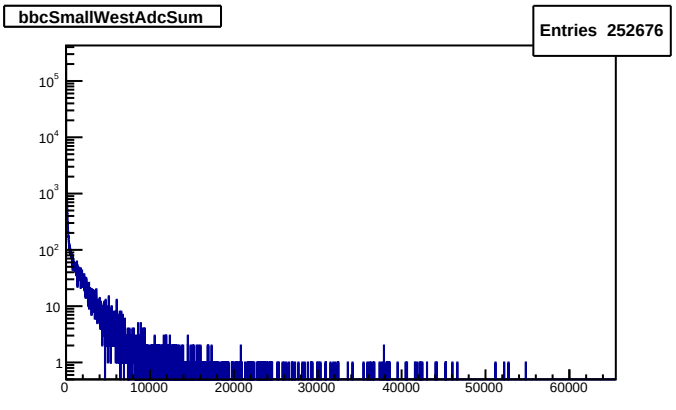
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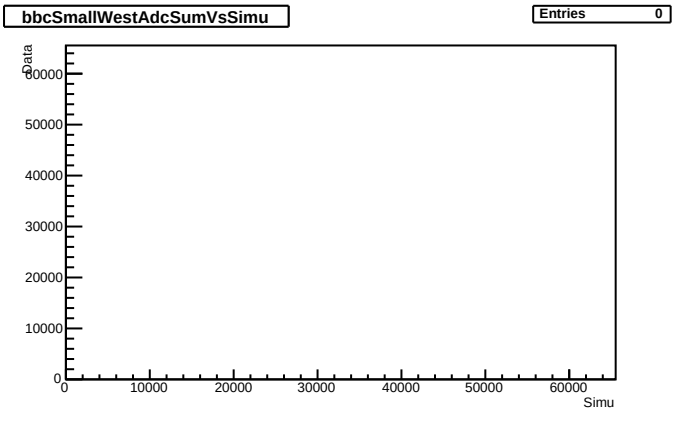
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Entries 0
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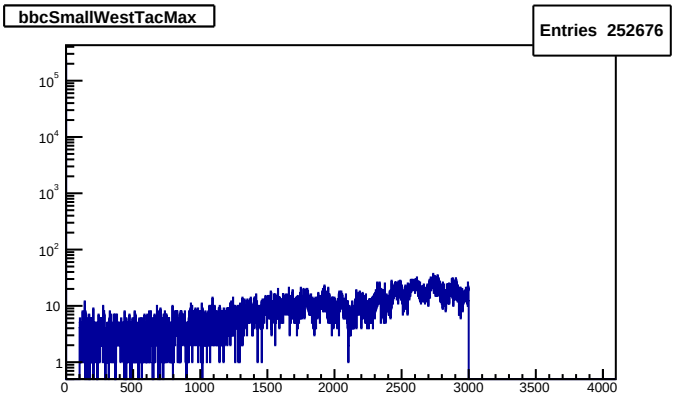
Simu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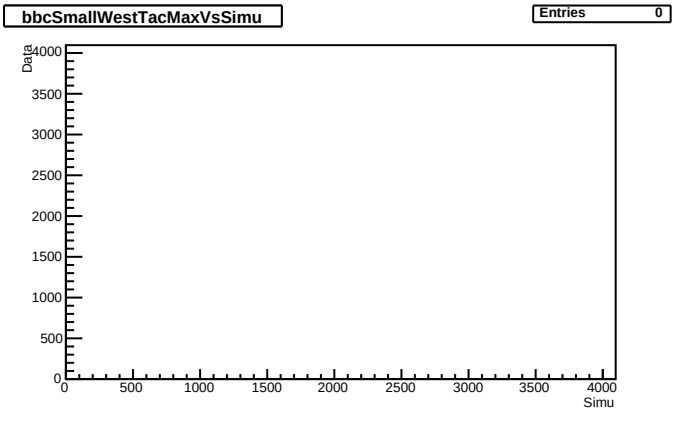
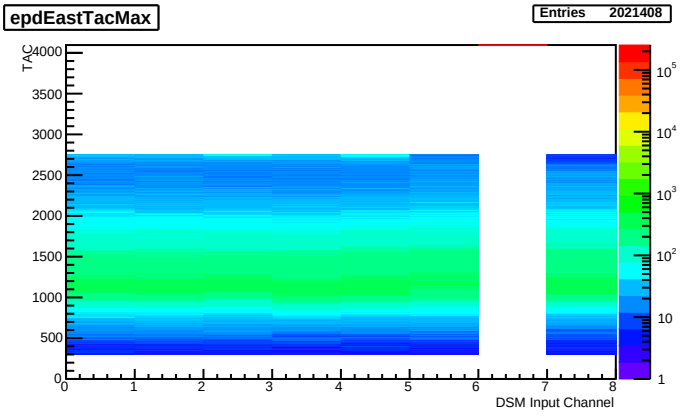
Entries 252676


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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Entries 2021408
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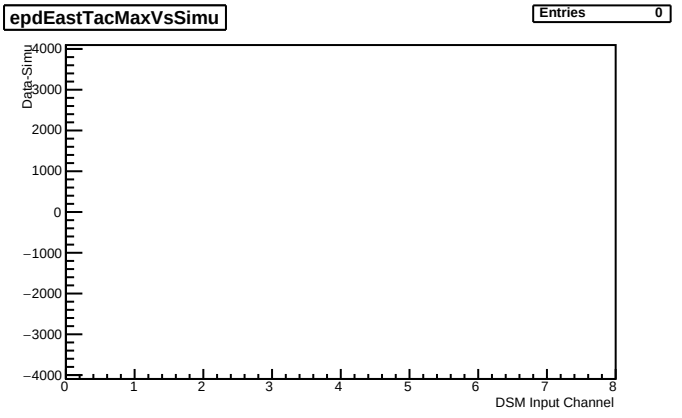
DSM Input Channel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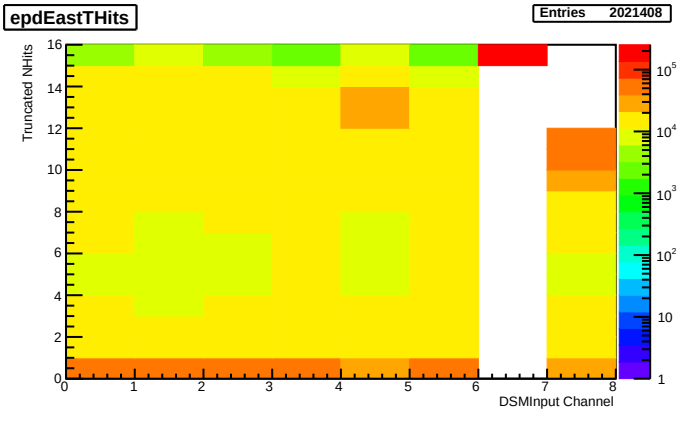
Data-Simu
DSM Input Channel


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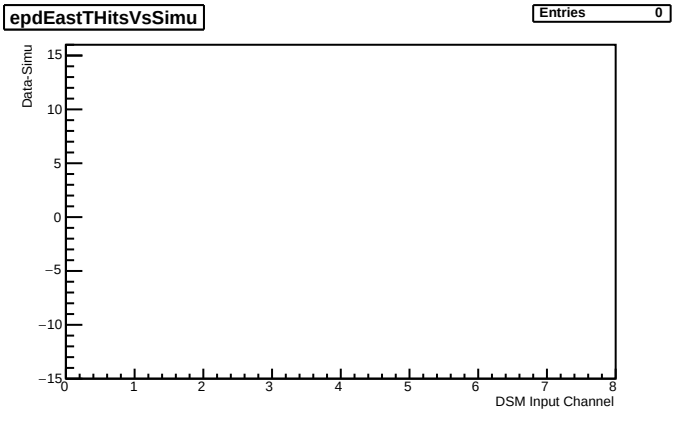
Truncated NHits
DSMInput Channel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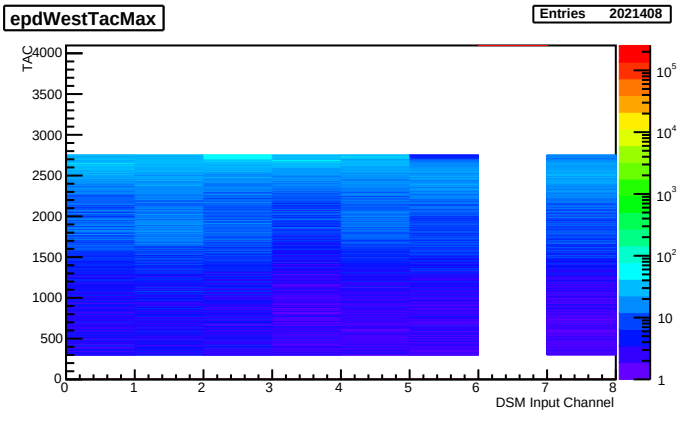
DSM Input Channel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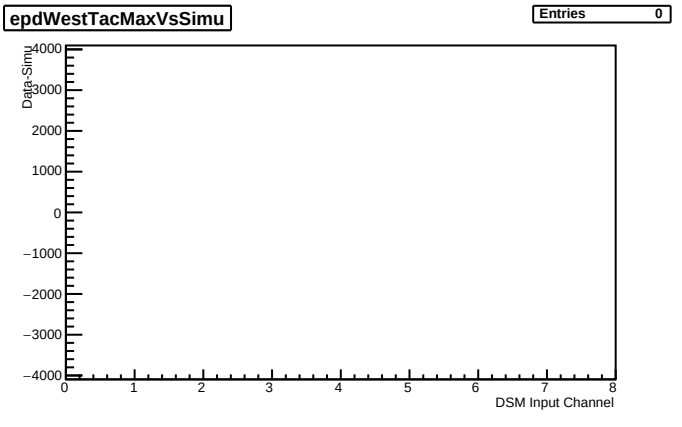
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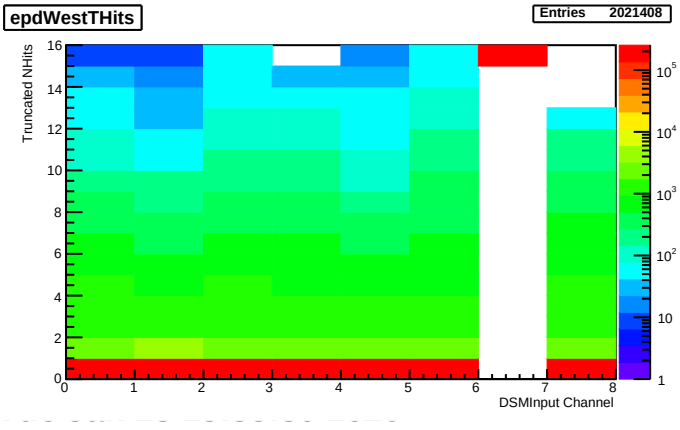
DSM Input Channel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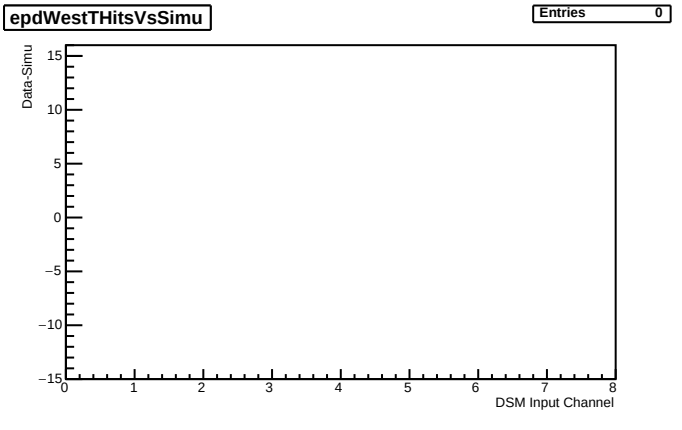
Truncated NHits
DSMInput Channel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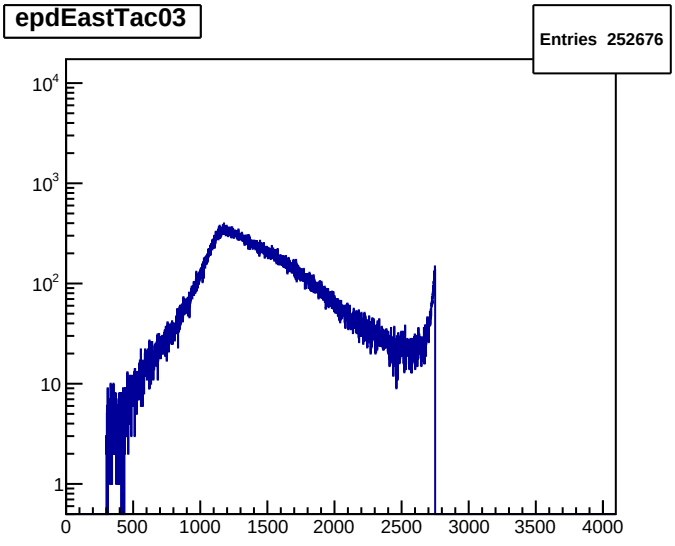
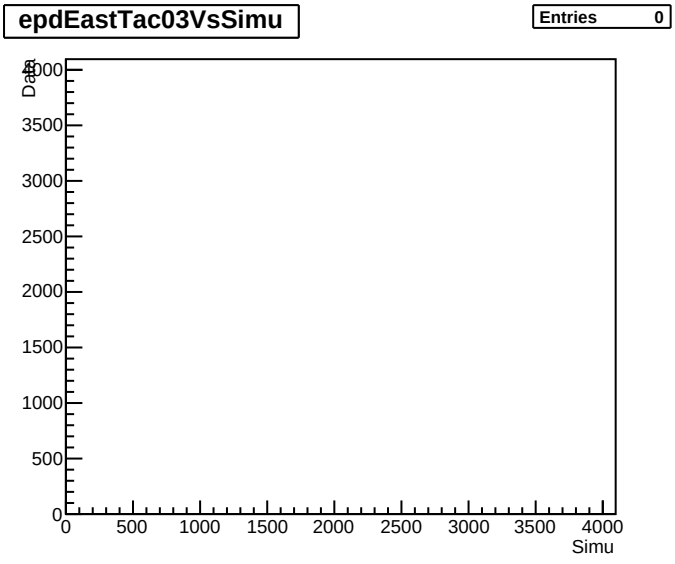
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 252676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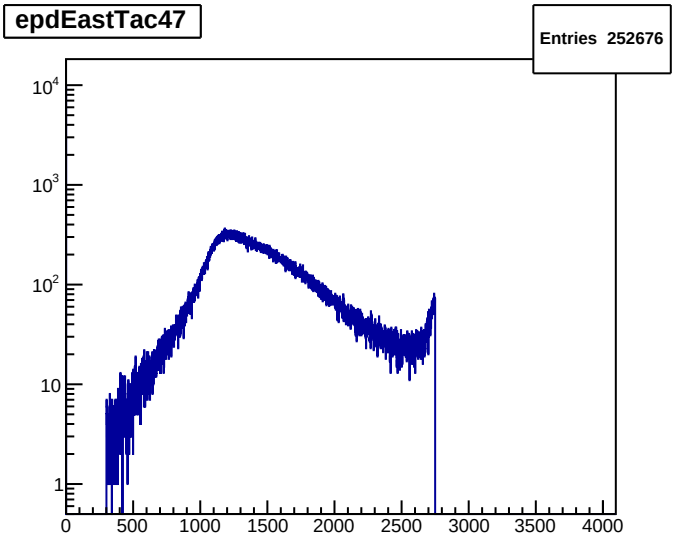
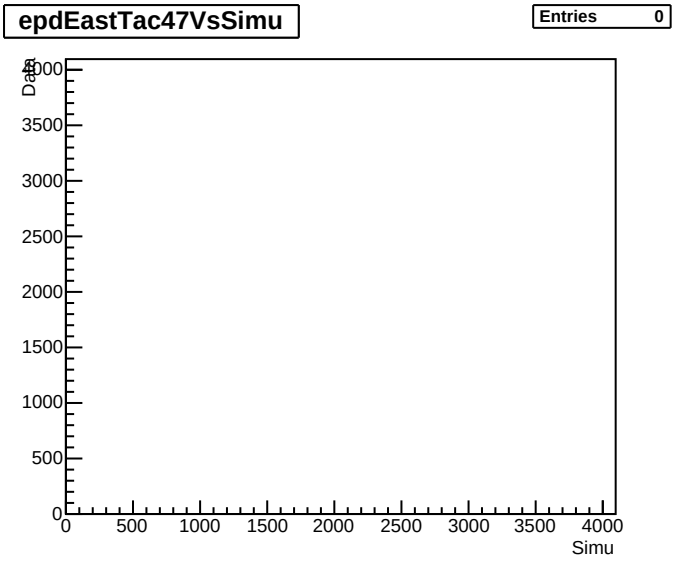
Entries 0
Data
Simu


epdEastTac47
Entries 252676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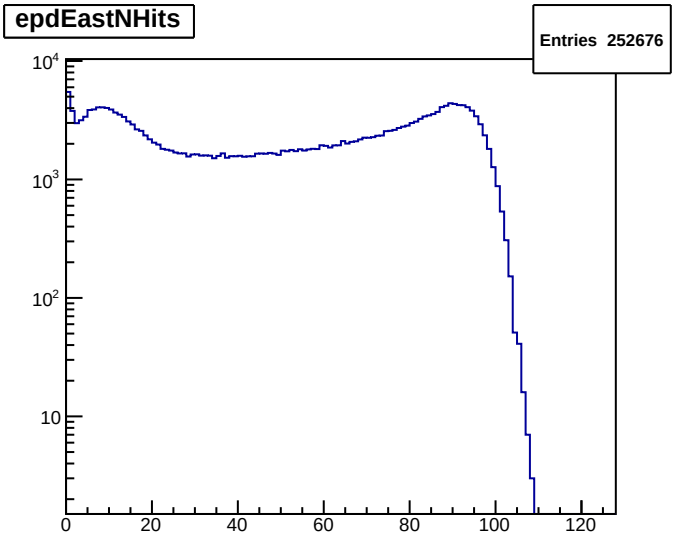
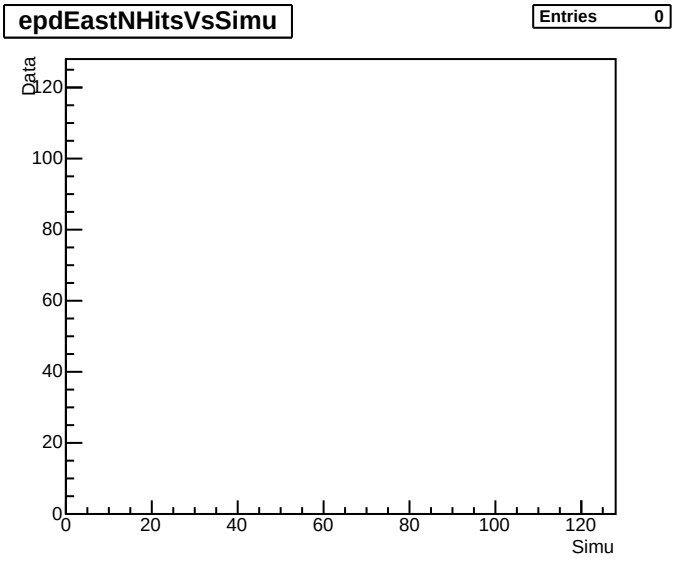
Entries 0
Data
Simu


epdEastNHits
Entries 252676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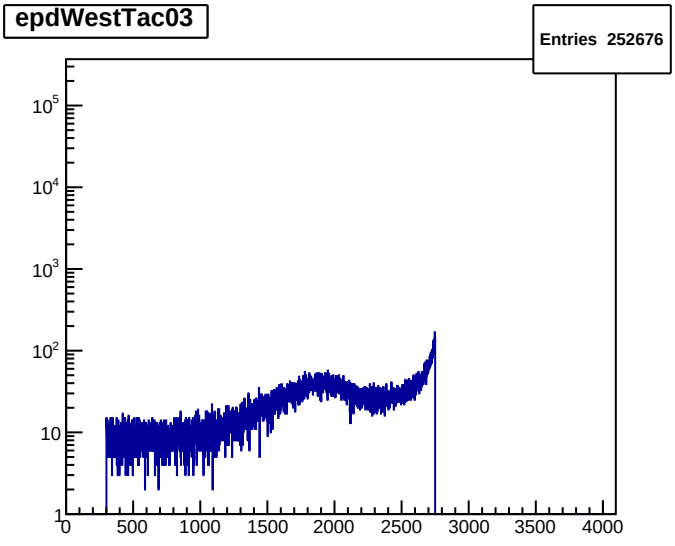
Data
Simu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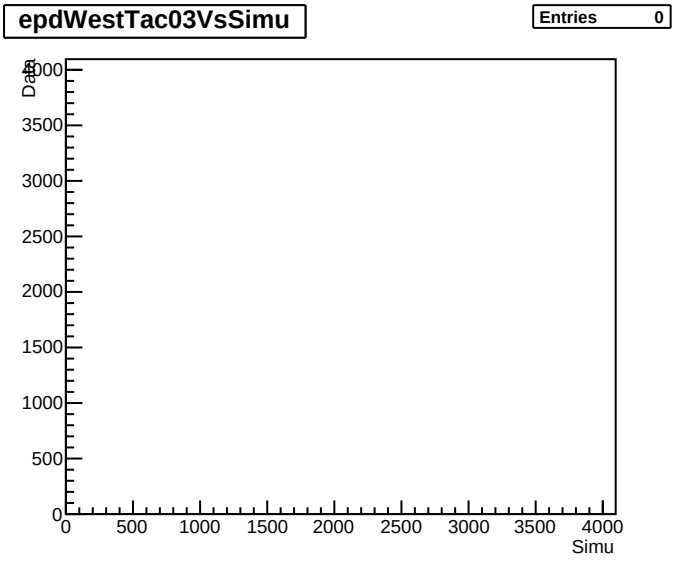
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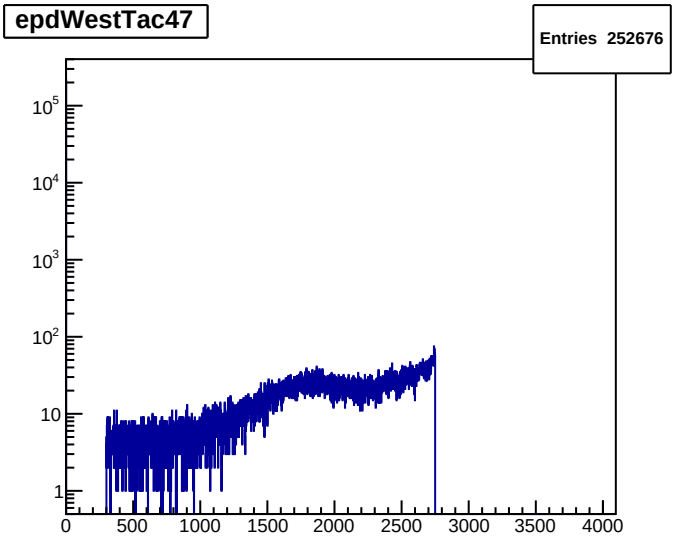
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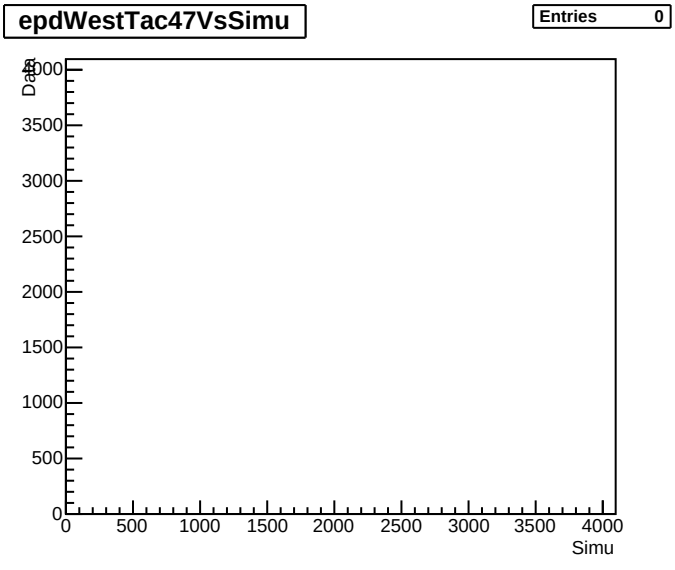
Entries 252676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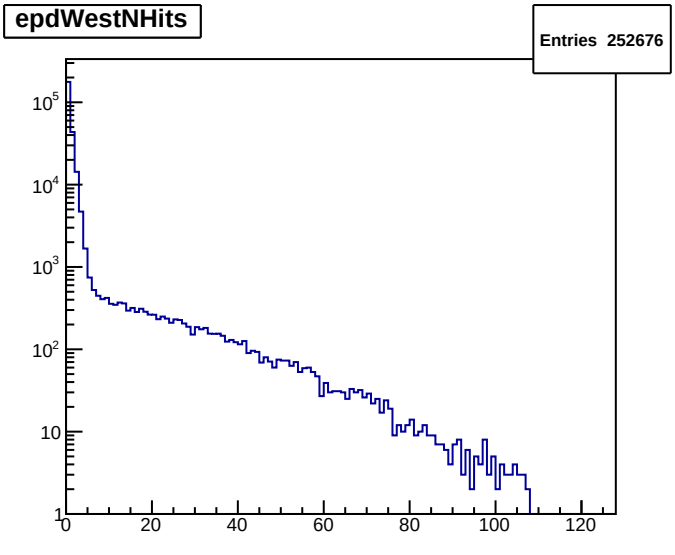
Entries 0
Data
Simu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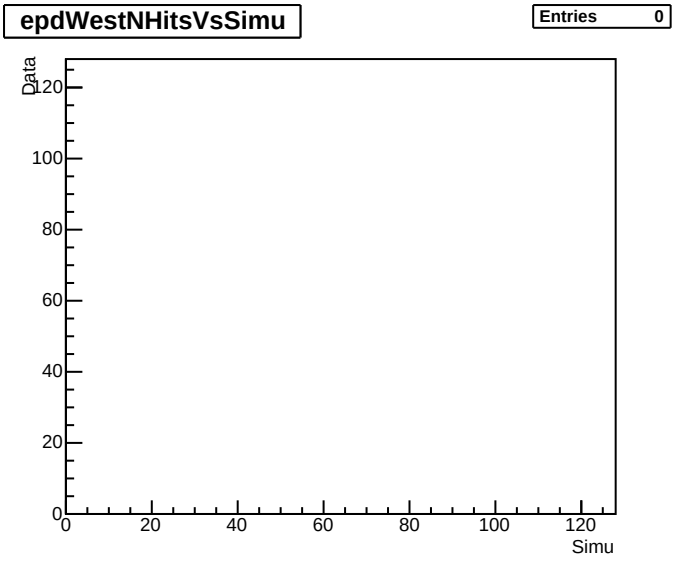
Entries 252676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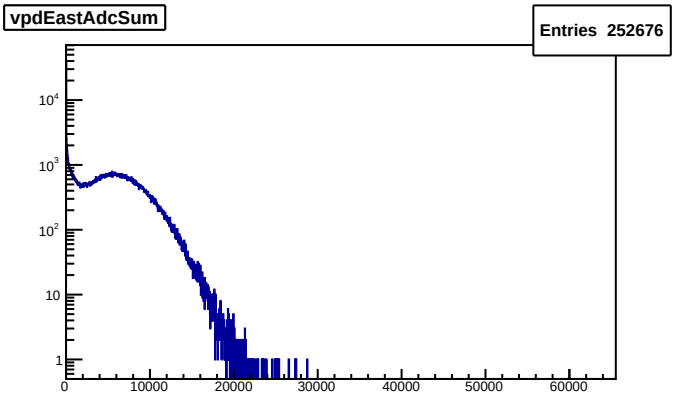
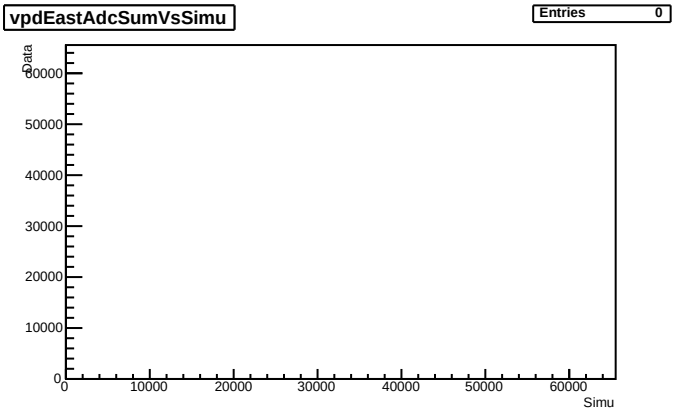
Entries 0
Data
Simu


vpdEastAdcSum
Entries 252676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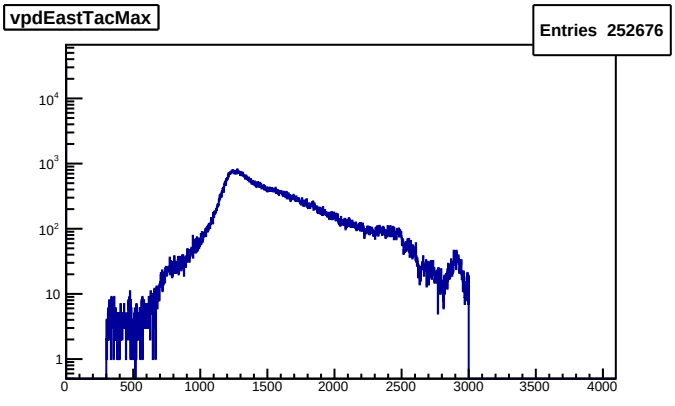
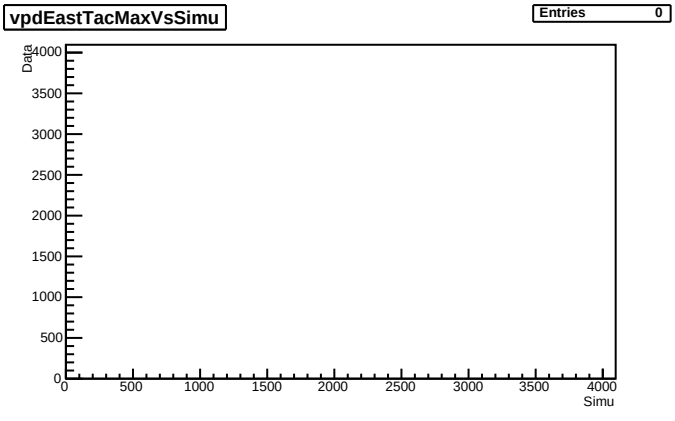
Entries 0
Data
Simu


vpdEastTacMax
Entries 252676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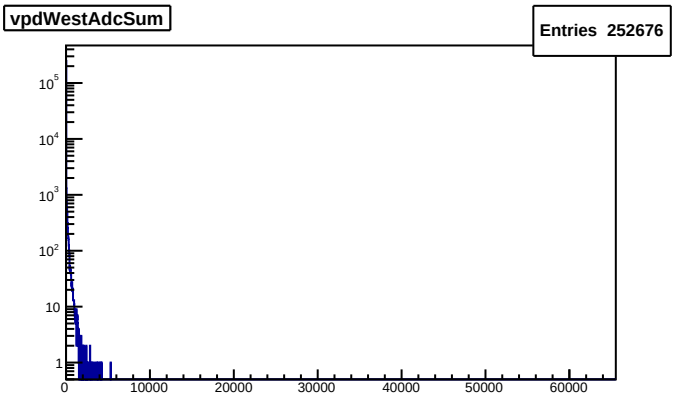
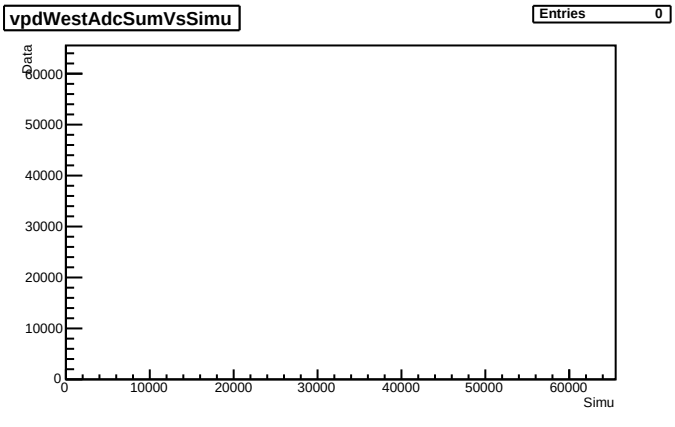
Entries 0
Data
Simu


vpdWestAdcSum
Entries 252676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Entries 0
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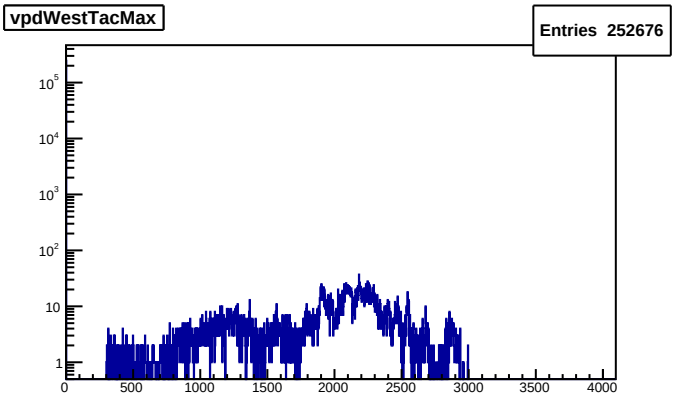
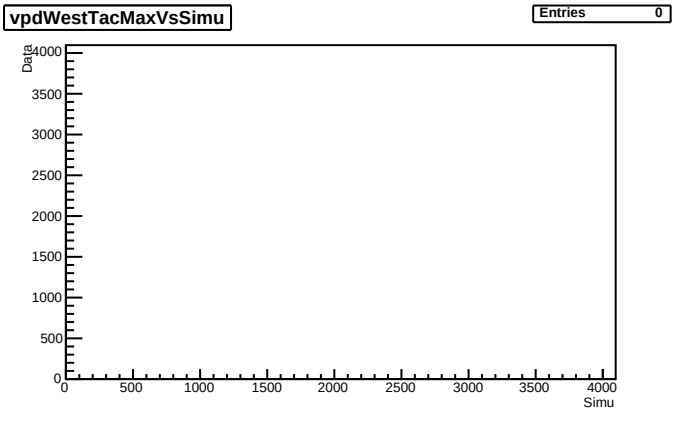
Simu


vpdWestTacMax
Entries 252676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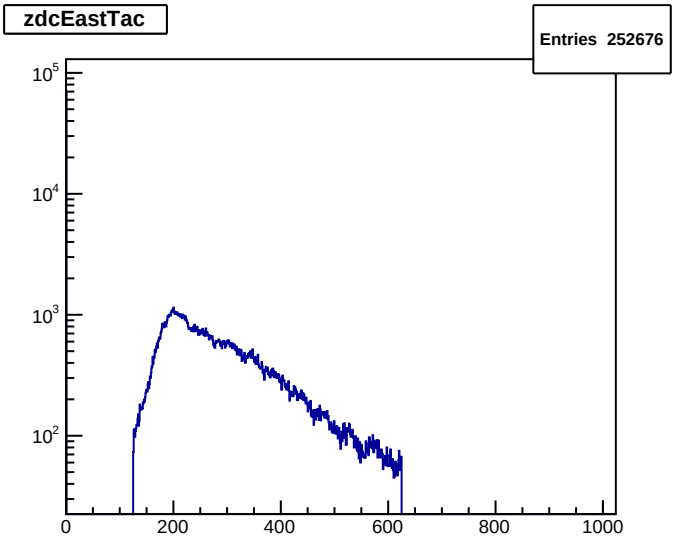
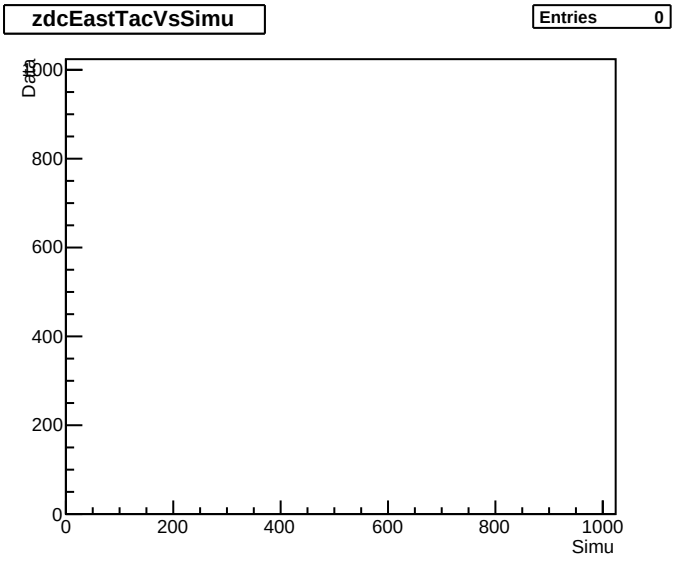
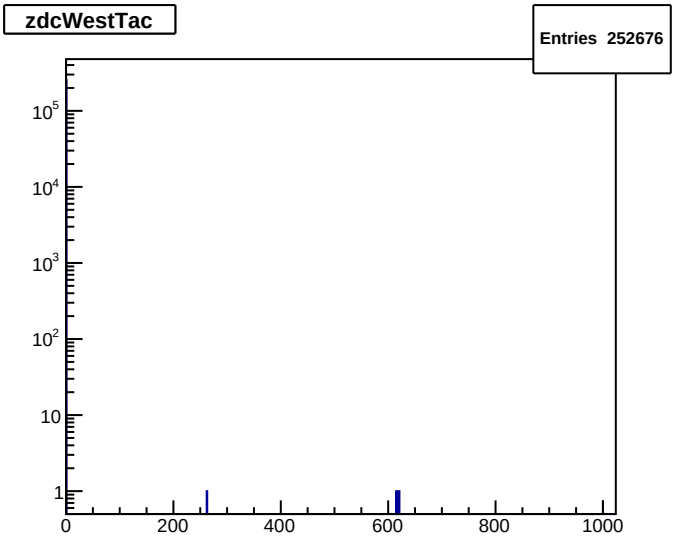
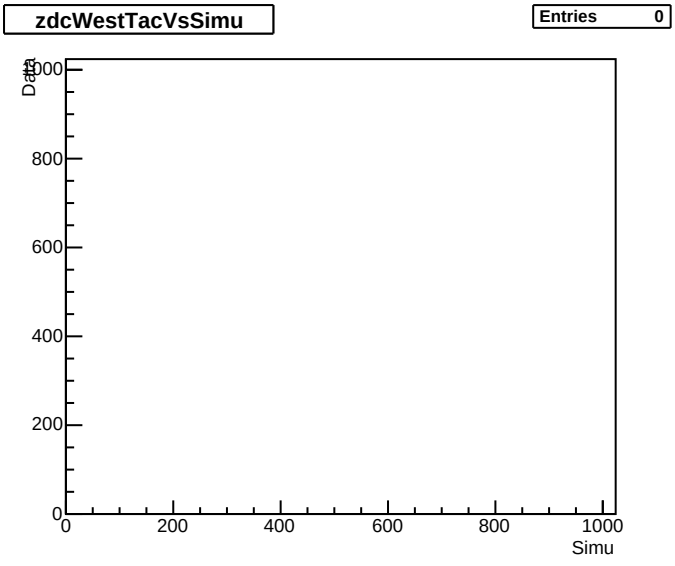
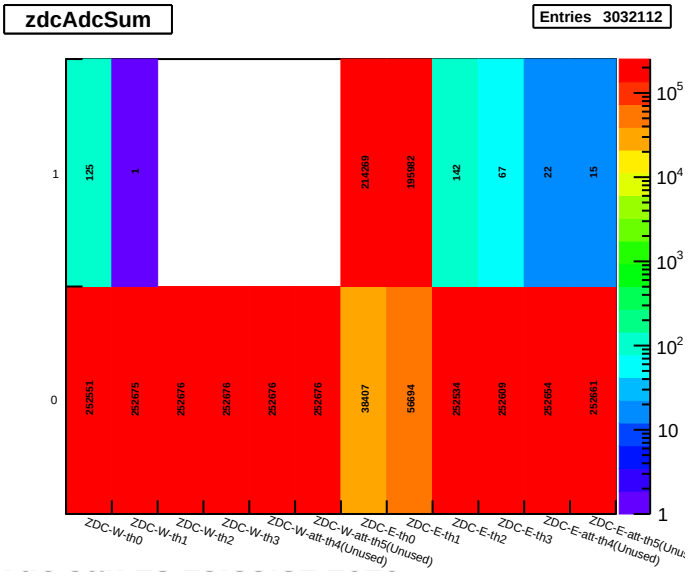
Entries 0
Data
Simu

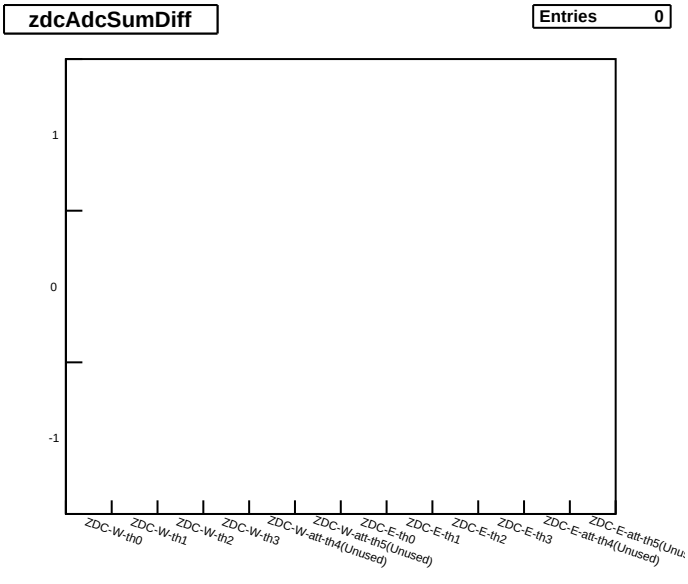

zdcEastTac
Entries 252676
10^5
10^4
10^3
10^2
0
200
400
600
800
1000

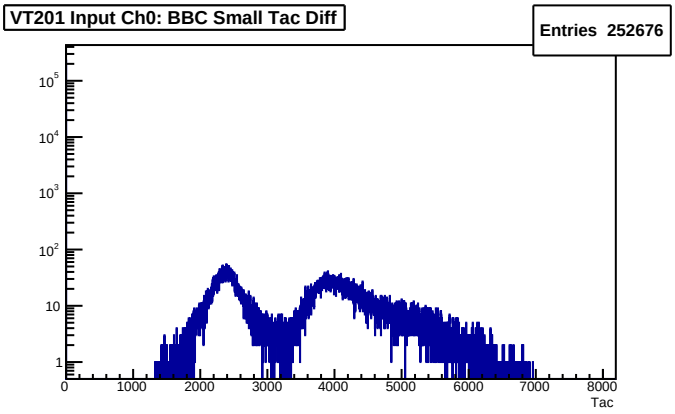

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

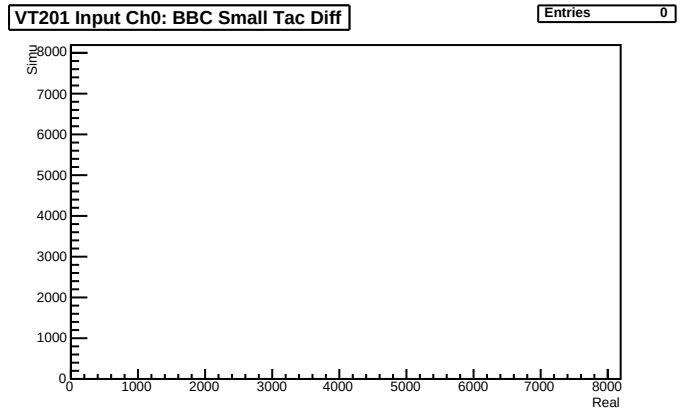

zdcWestTac
Entries 252676
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

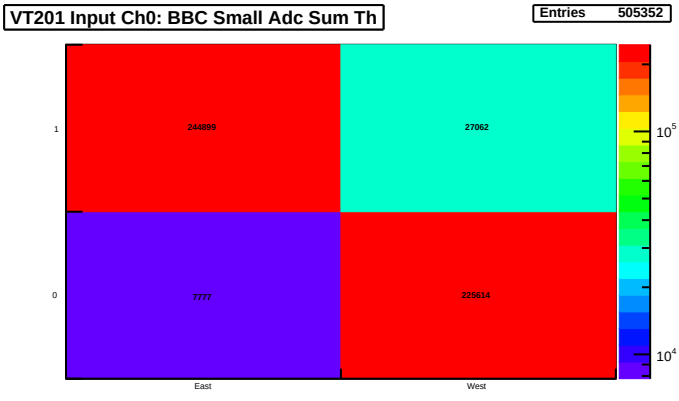

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

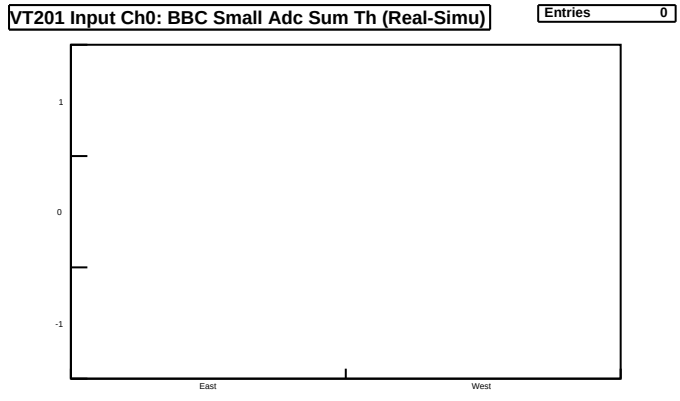

zdcAdcSum
Entries 3032112
1
0
125
1
214289
195982
142
67
22
15
252551
252675
252676
252676
252676
252676
39407
56694
252534
252609
252654
252661
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

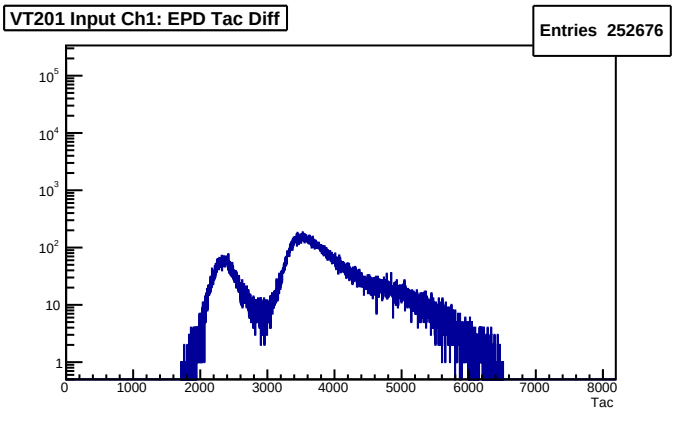

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

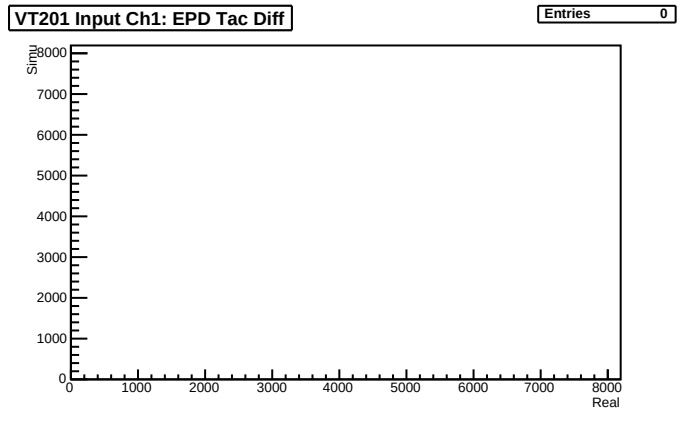

VT201 Input Ch0: BBC Small Tac Diff
Entries 252676
Tac

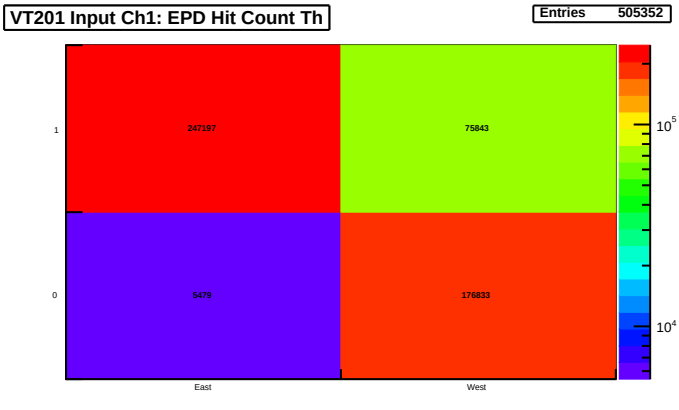

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

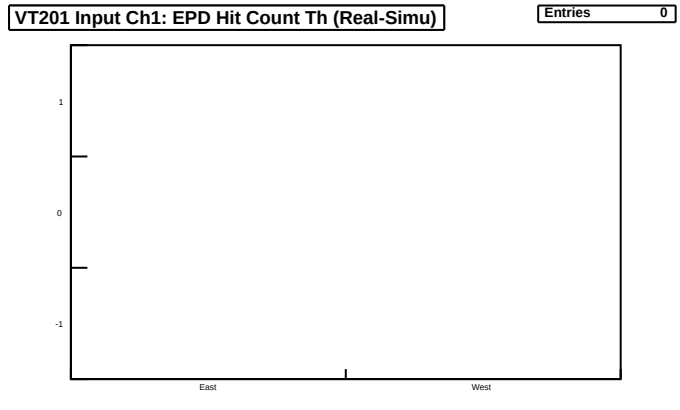

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 505352
244899
27062
7777
225614
East
West

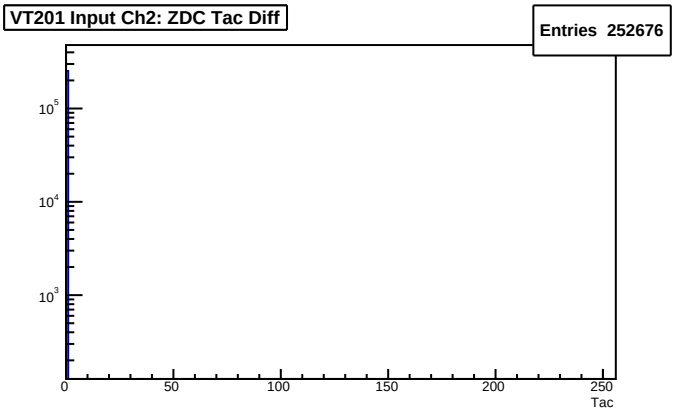

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

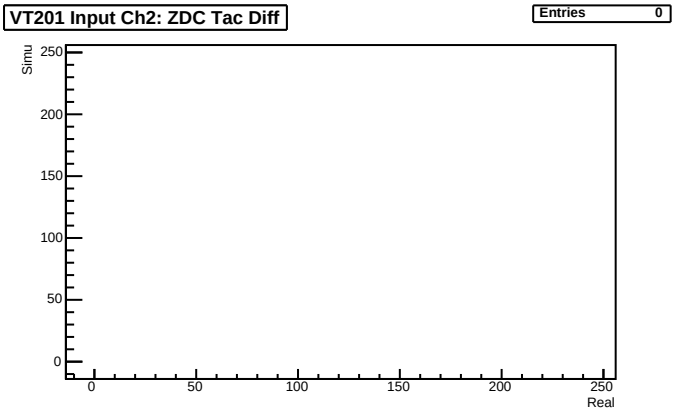

VT201 Input Ch1: EPD Tac Diff
Entries 252676
Tac

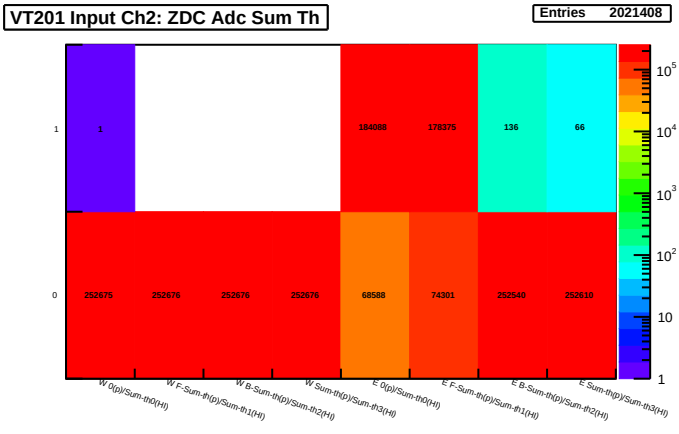

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

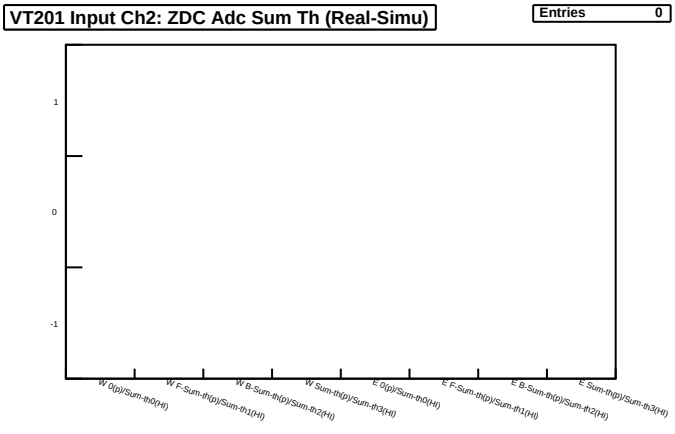

VT201 Input Ch1: EPD Hit Count Th
Entries 505352
247197
75843
5479
176833
East
West

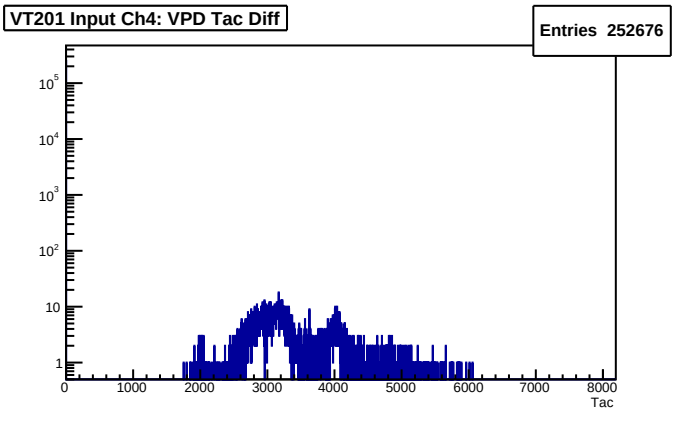

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

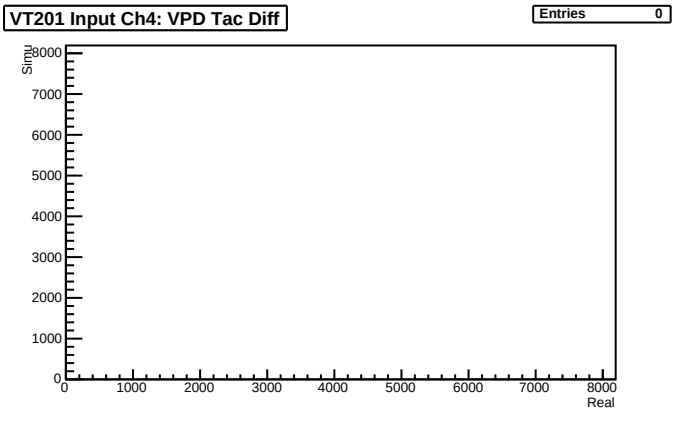

VT201 Input Ch2: ZDC Tac Diff
Entries 252676
Tac

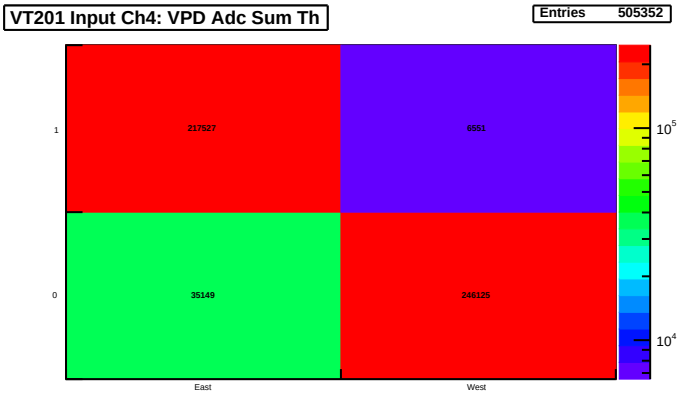

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

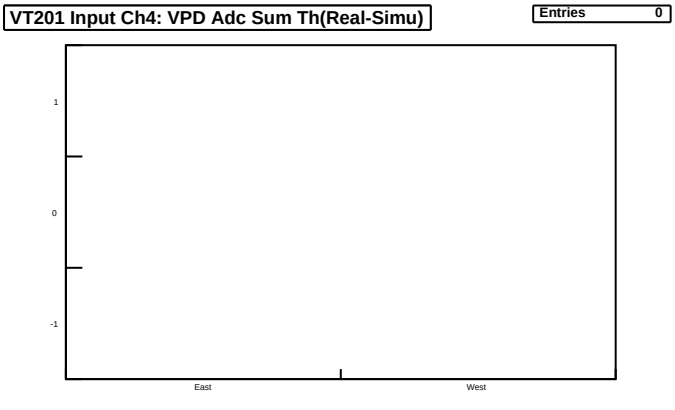

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2021408
1
184088
178375
136
66
252675
252676
252676
252676
68588
74301
252540
252610
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

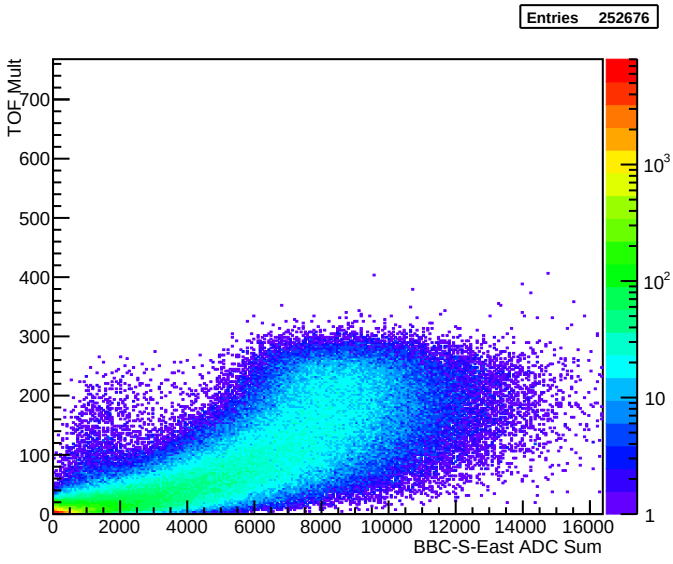

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hi)
W F-Sum-th(p)/Sum-th1(Hi)
W B-Sum-th(p)/Sum-th2(Hi)
W Sum-th(p)/Sum-th3(Hi)
E 0(p)/Sum-th0(Hi)
E F-Sum-th(p)/Sum-th1(Hi)
E B-Sum-th(p)/Sum-th2(Hi)
E Sum-th(p)/Sum-th3(Hi)

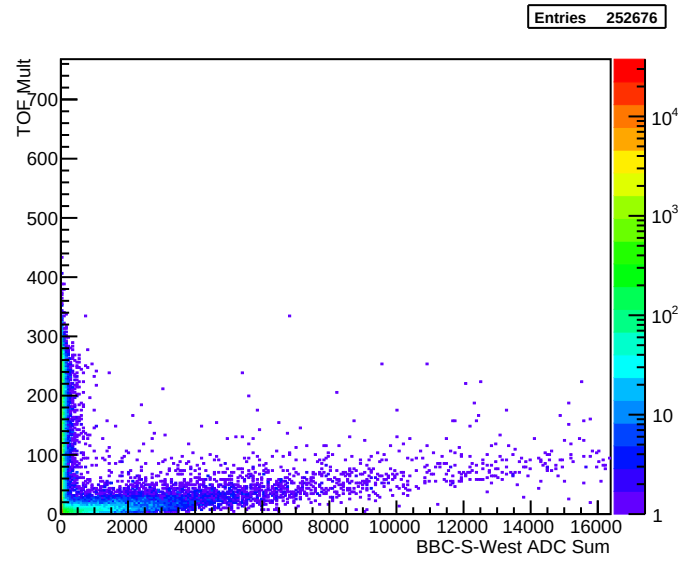

VT201 Input Ch4: VPD Tac Diff
Entries 252676
Tac

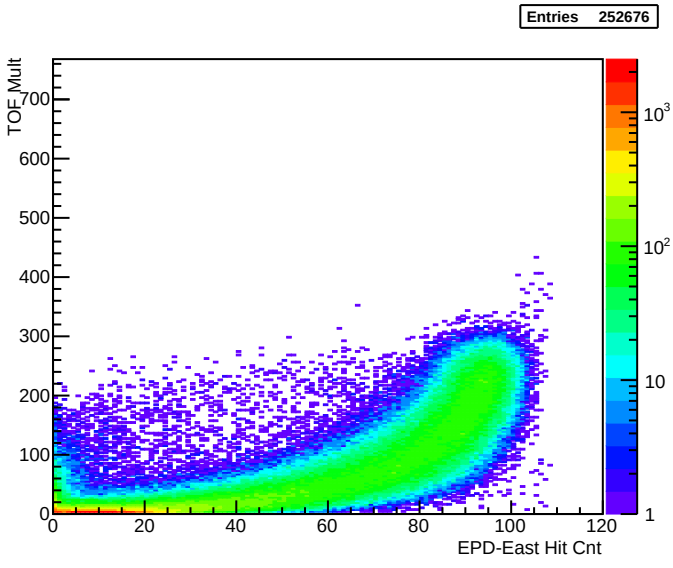

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

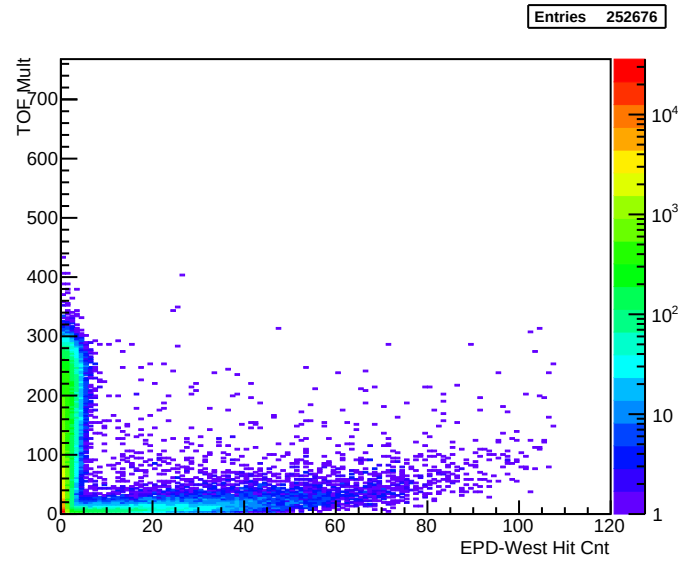

VT201 Input Ch4: VPD Adc Sum Th
Entries 505352
217527
6551
35149
246125
East
West

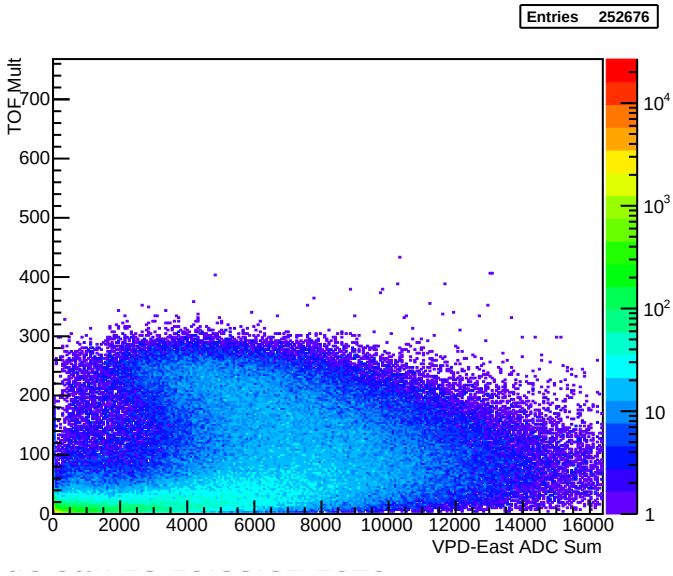

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

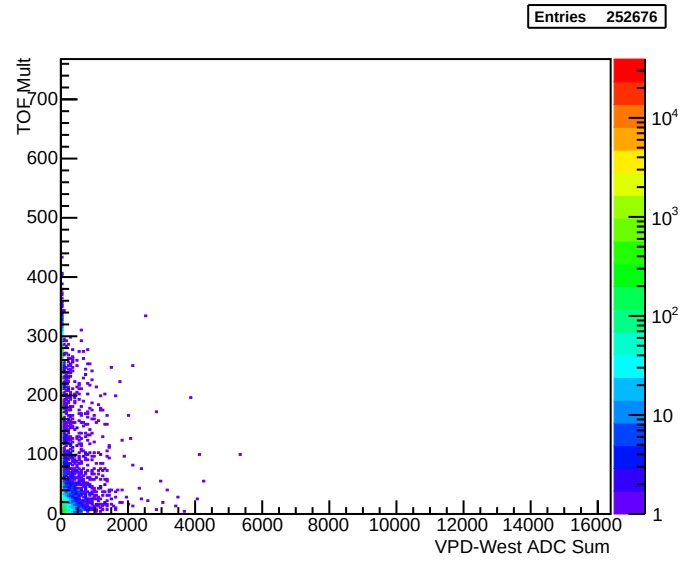

Entries 252676
TOF_Mult
BBC-S-East ADC Sum

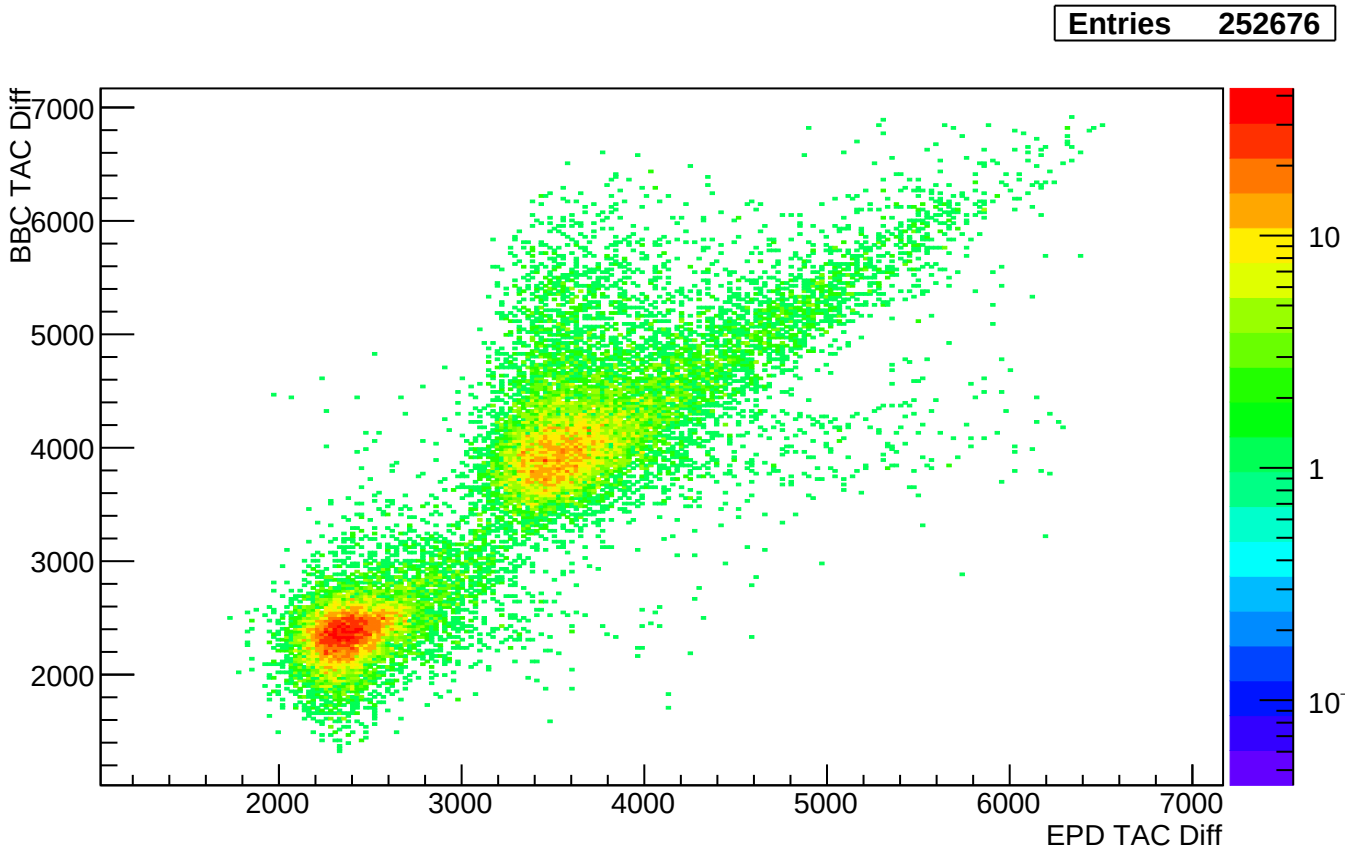

Entries 252676
TOF_Mult
BBC-S-West ADC Sum

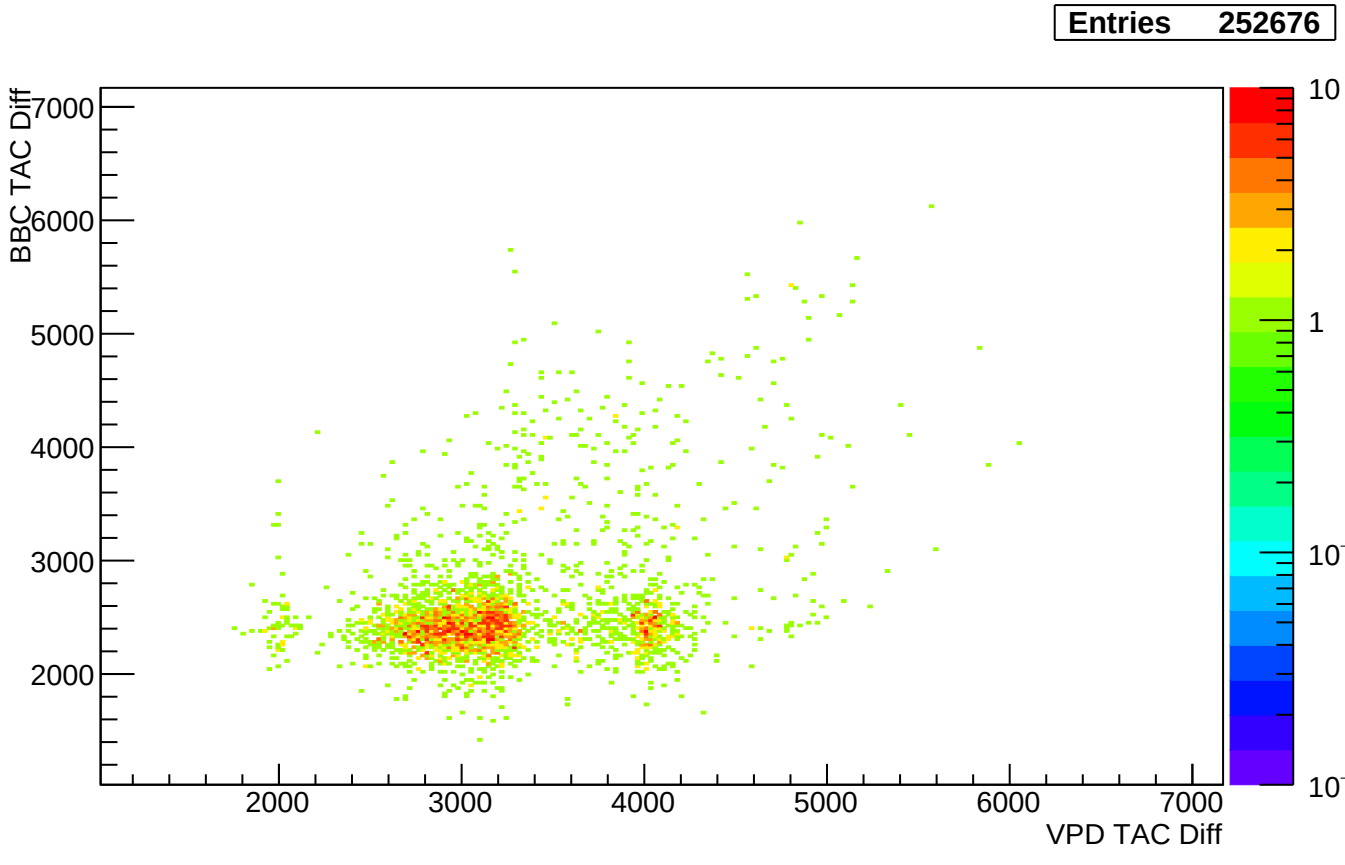

Entries 252676
TOF_Mult
EPD-East Hit Cnt

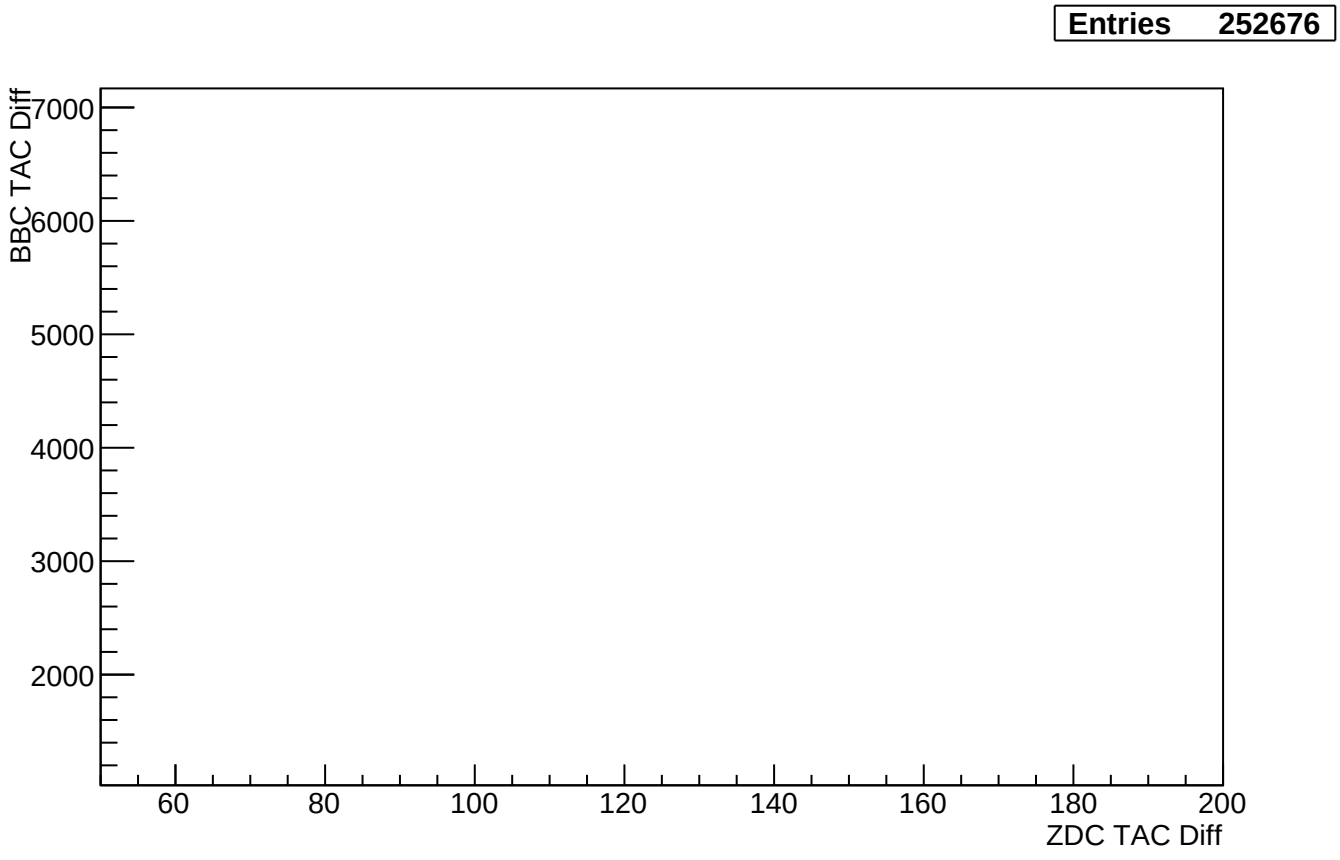

Entries 252676
TOF_Mult
EPD-West Hit Cnt

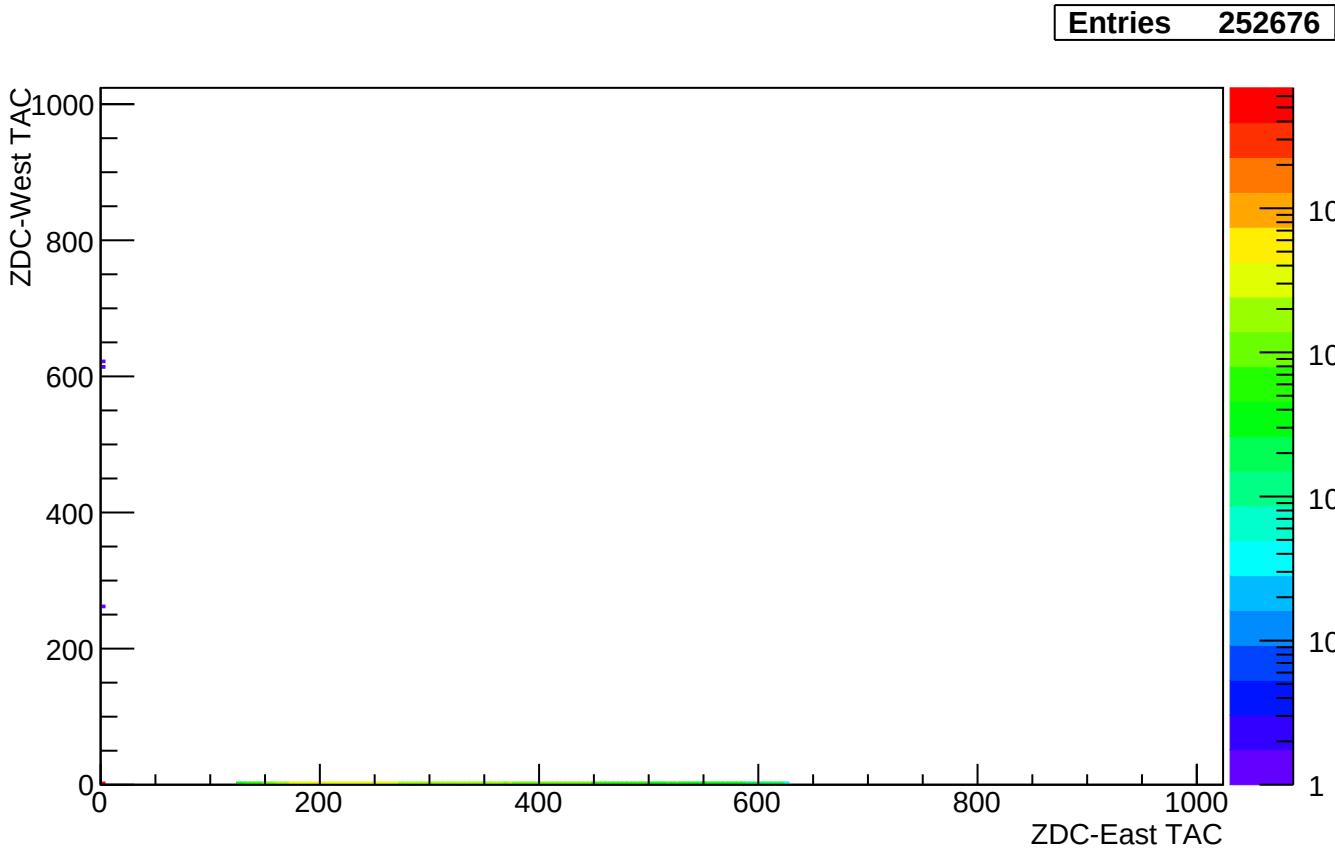

Entries 252676
TOF_Mult
VPD-East ADC Sum

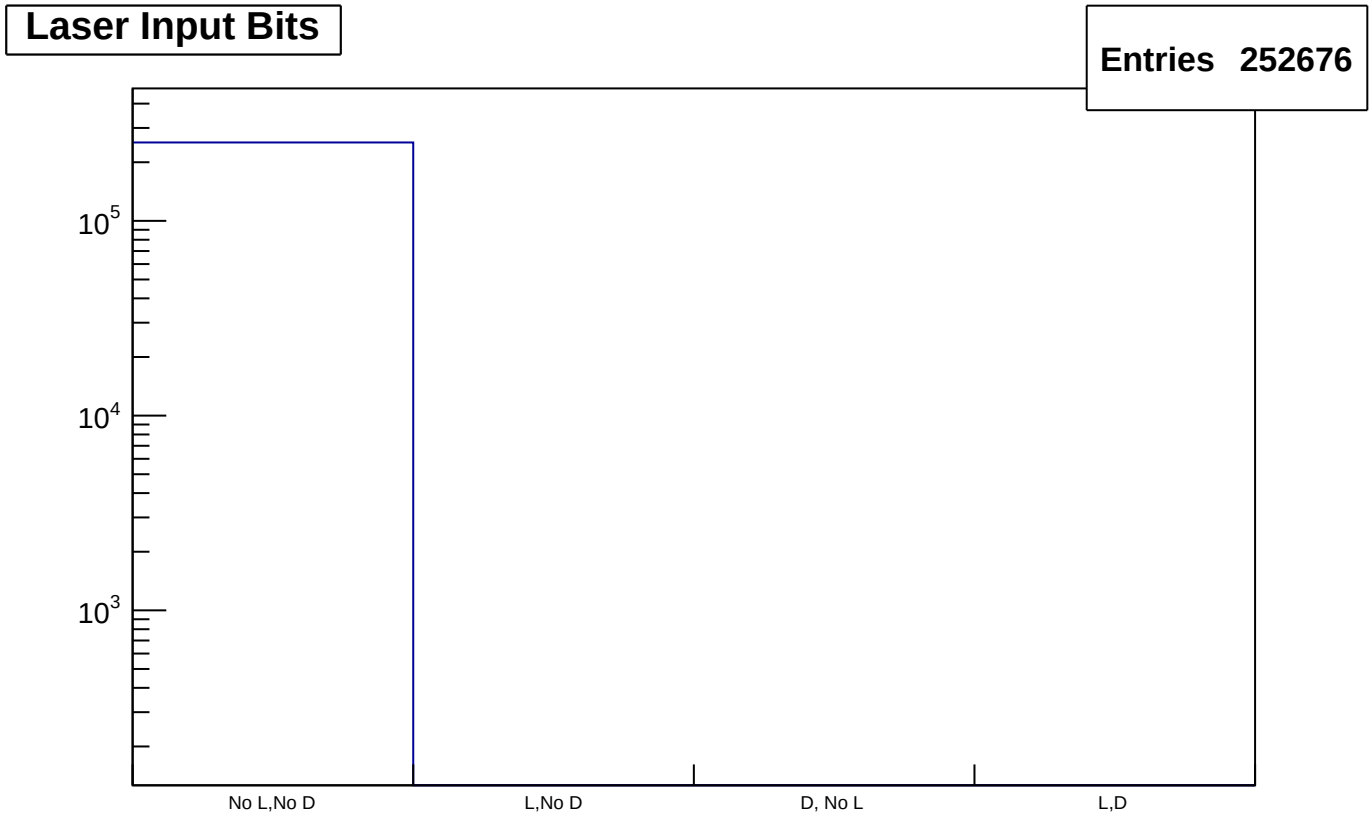

Entries 252676
TOF_Mult
VPD-West ADC Sum

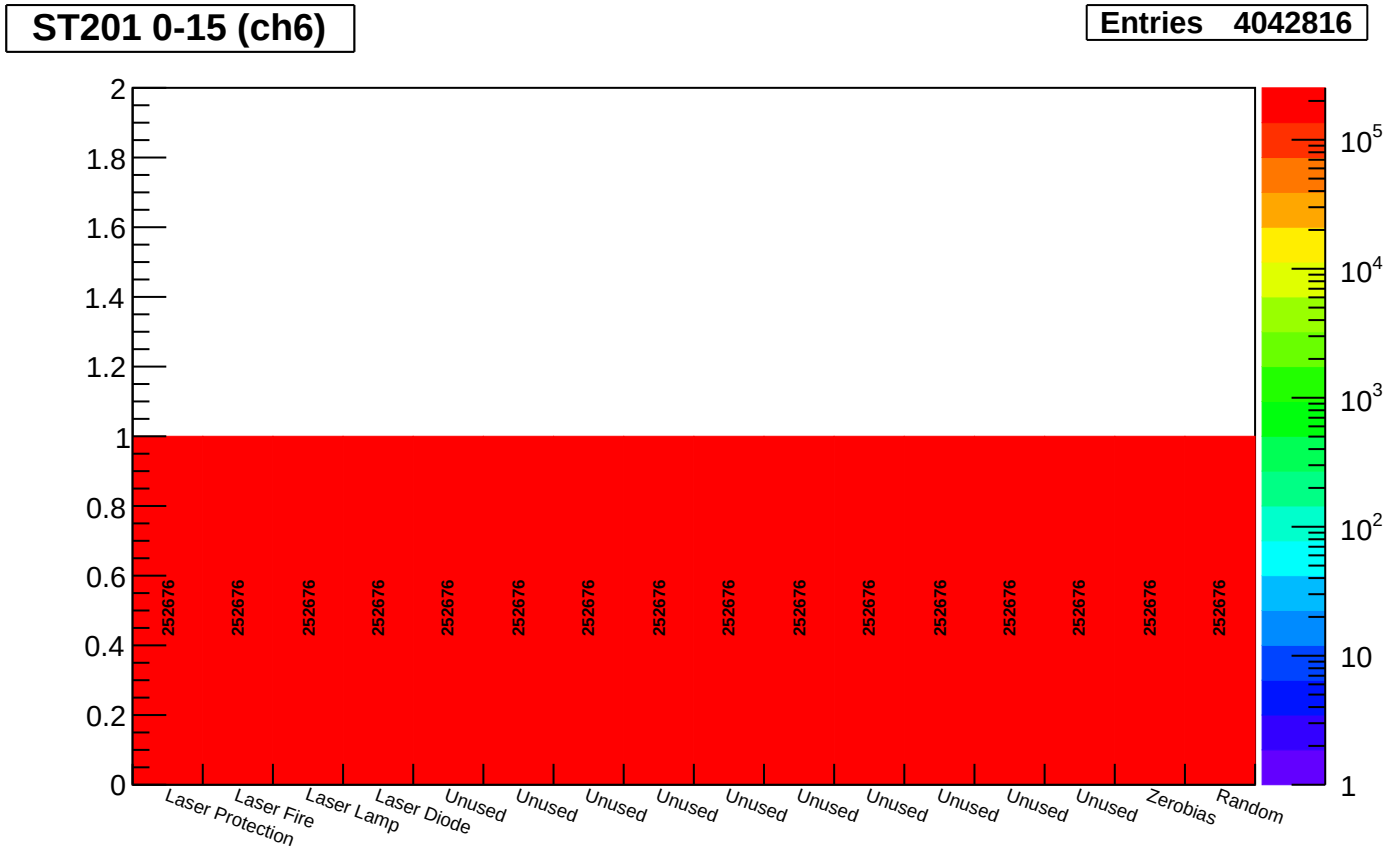

Entries 252676
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

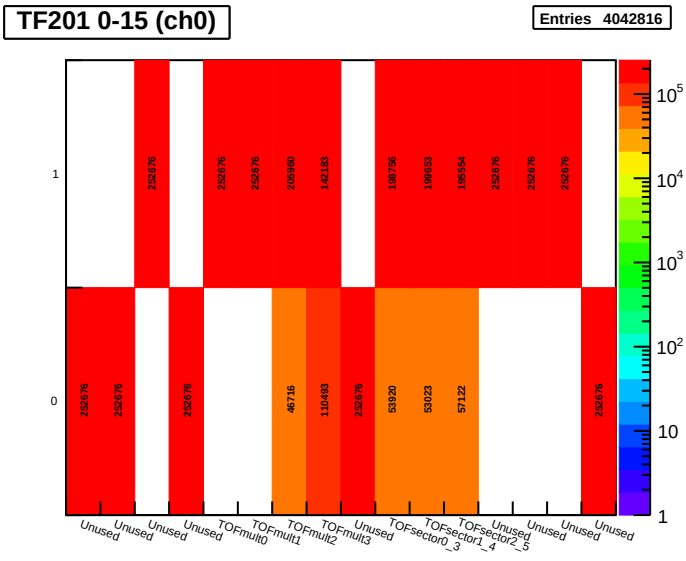

Entries 252676
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10
1
10^{-1}
10^{-2}

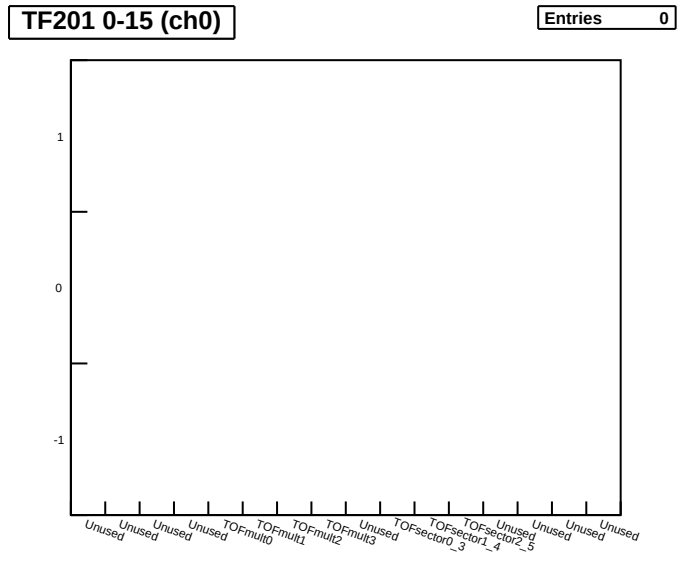

Entries 252676
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

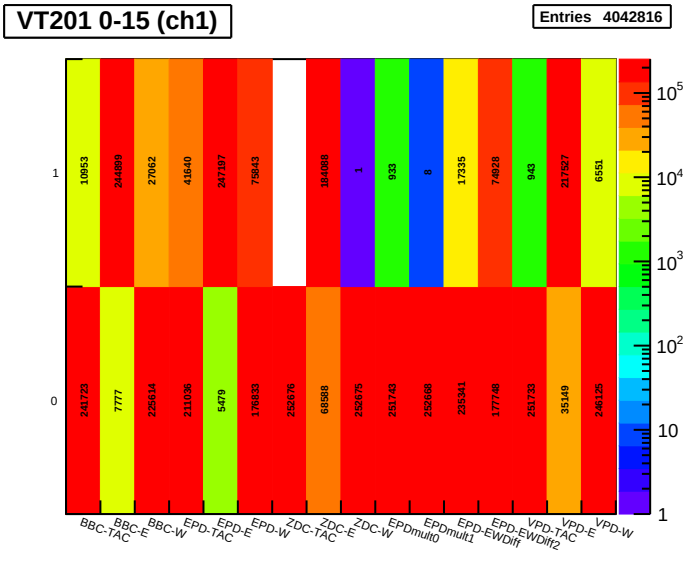

Entries 252676
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^4
10^3
10^2
10
1

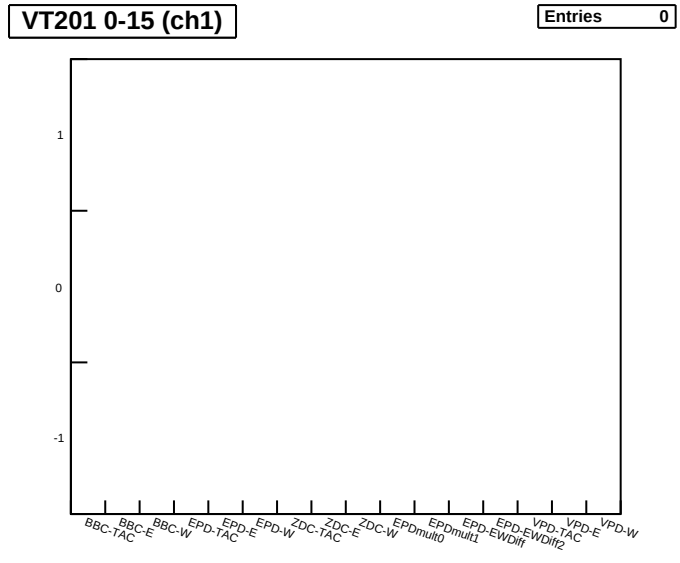

Laser Input Bits
Entries 252676
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

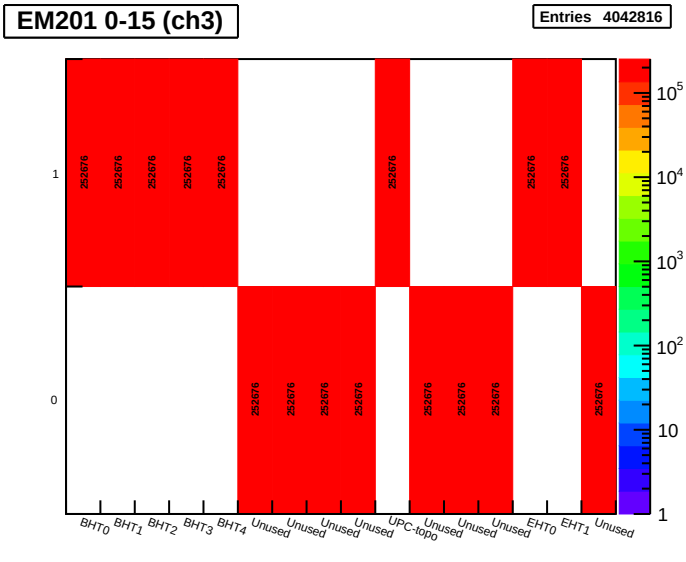

ST201 0-15 (ch6)
Entries 4042816
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
252676
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

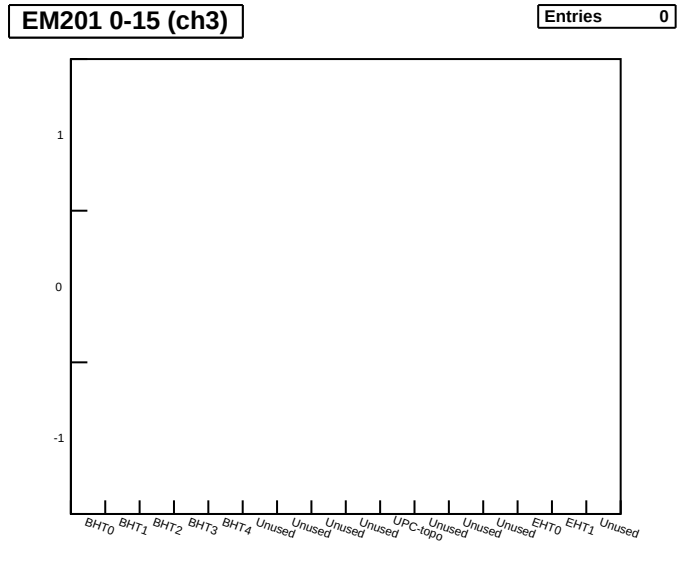

TF201 0-15 (ch0)
Entries 4042816
1
0
252676 252676 252676 252676 252676 252676 252676 252676 252676 252676 252676 252676 252676 252676 252676 252676 46716 110493 252676 53920 53023 57122 252676
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 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 4042816
1
0
10953 244899 27062 41640 247197 75843 184088 1 933 8 17335 74928 943 217527 6551
241723 7777 225614 211036 5479 176833 252676 68588 252675 251743 252668 235341 177748 251733 35149 246125
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 4042816
1
0
252676 252676
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