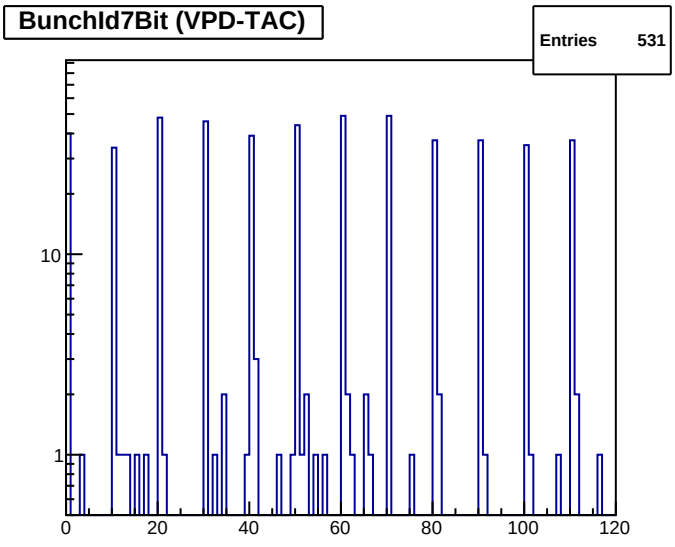
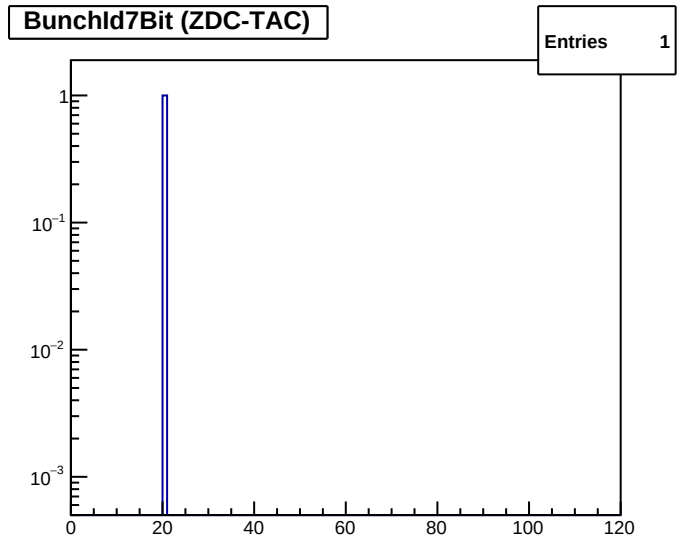
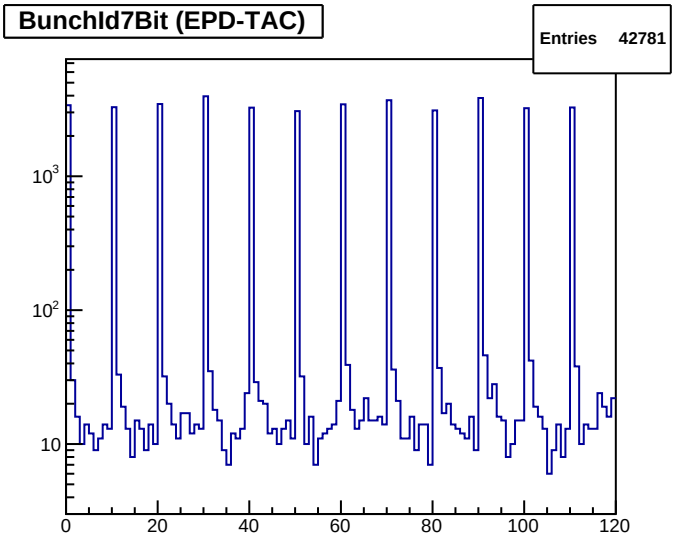
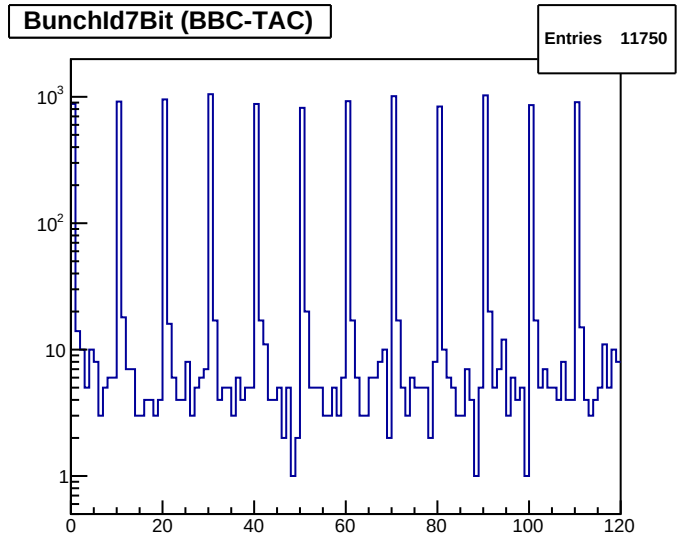
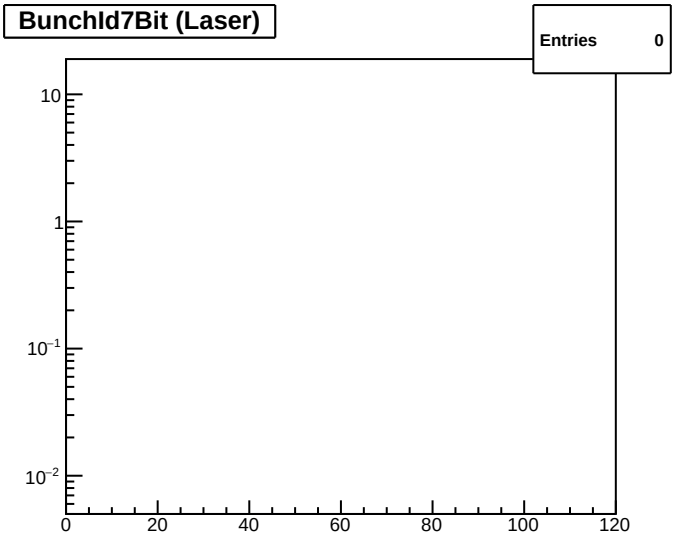
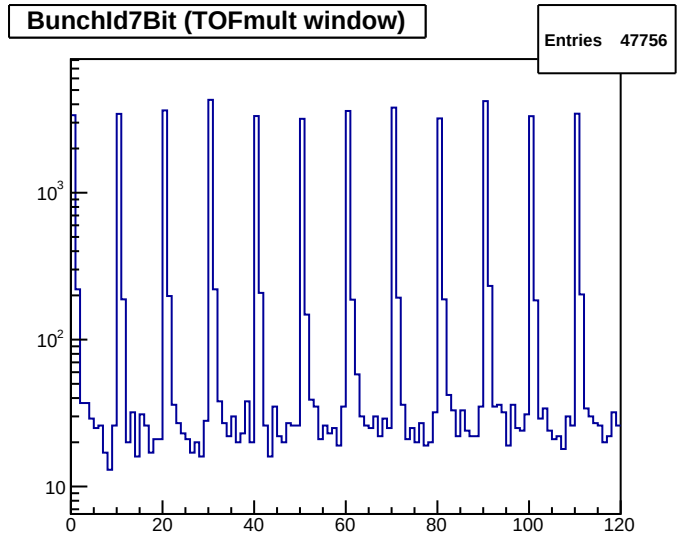

BunchId7Bit (VPD-TAC)
Entries 531

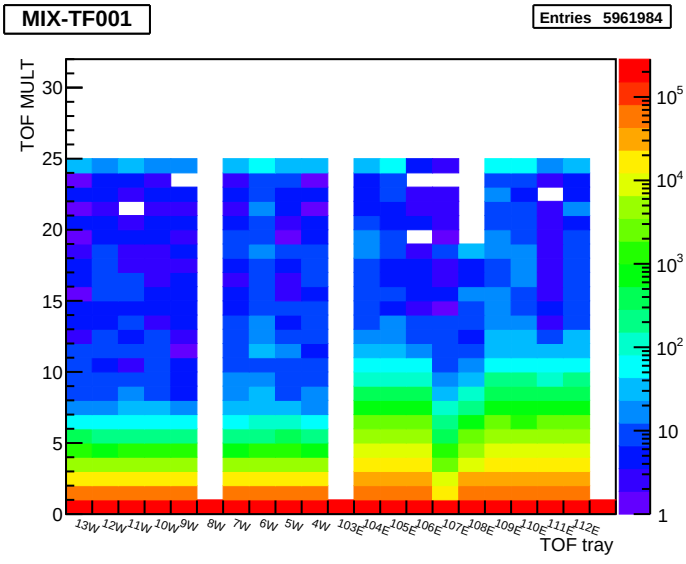

BunchId7Bit (ZDC-TAC)
Entries 1

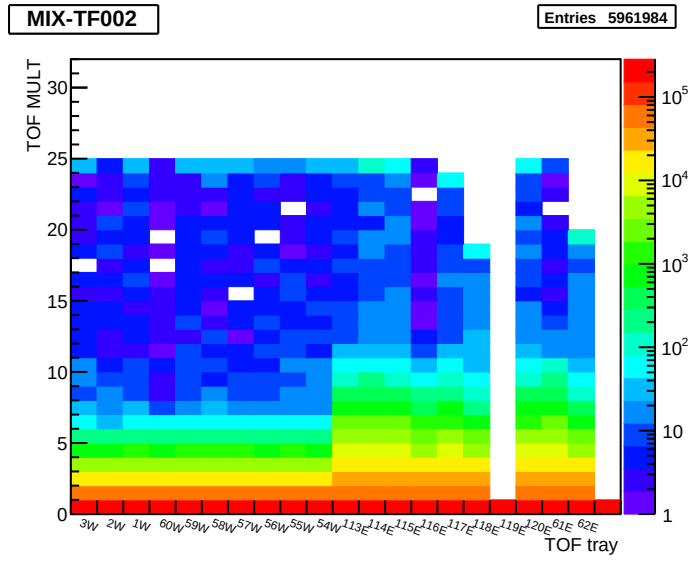

BunchId7Bit (EPD-TAC)
Entries 42781

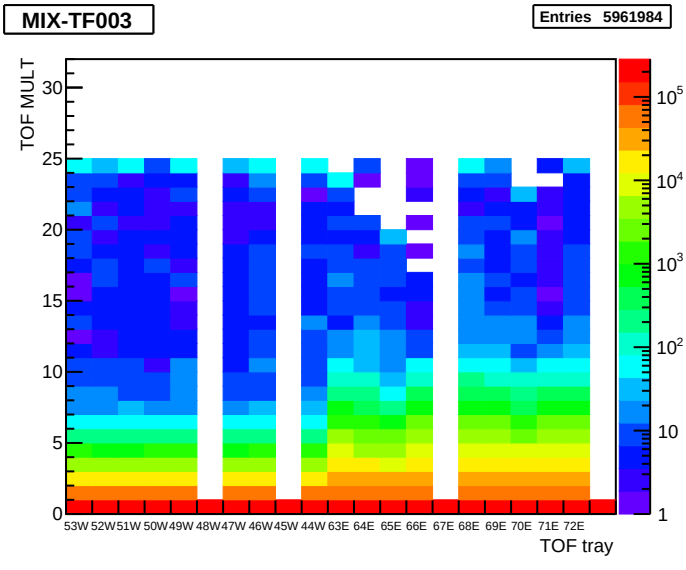

BunchId7Bit (BBC-TAC)
Entries 11750

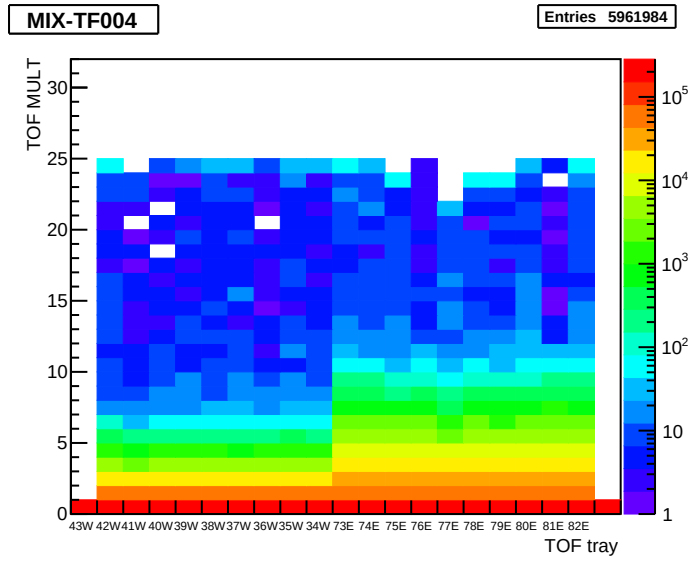

BunchId7Bit (Laser)
Entries 0

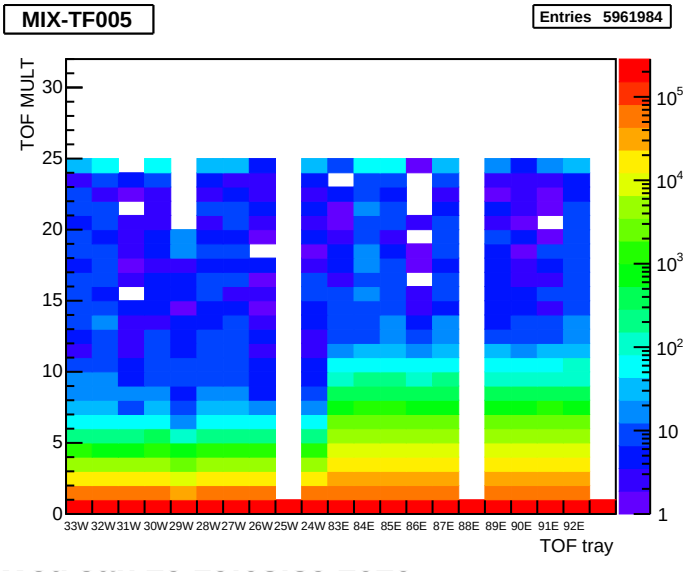

BunchId7Bit (TOFmult window)
Entries 47756

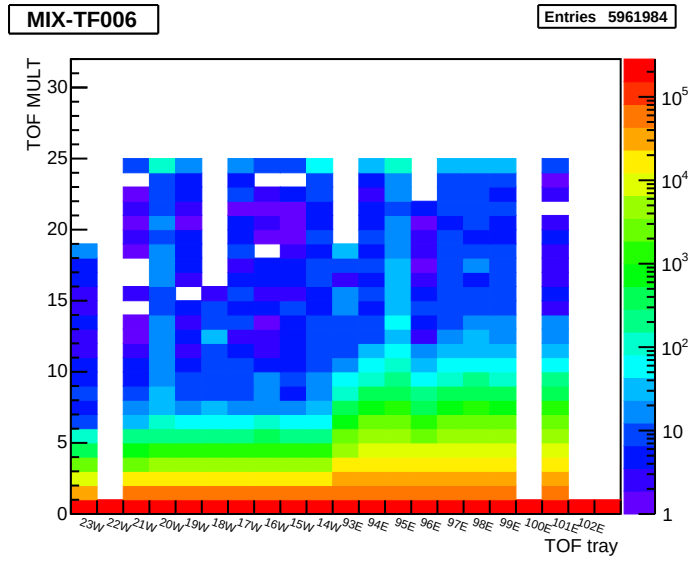

MIX-TF001
Entries 5961984
TOF MULT
TOF tray

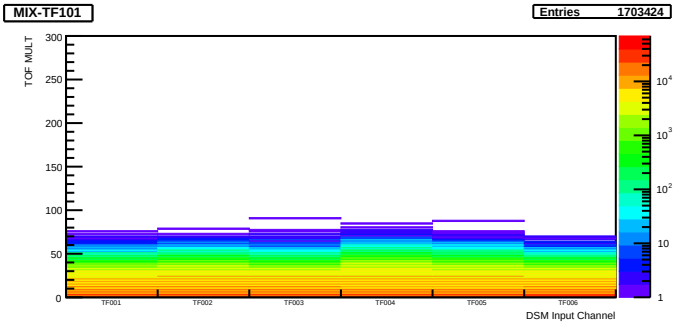

MIX-TF002
Entries 5961984
TOF MULT
TOF tray

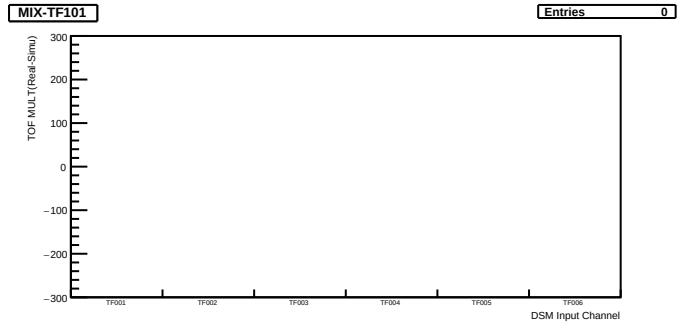

MIX-TF003
Entries 5961984
TOF MULT
TOF tray

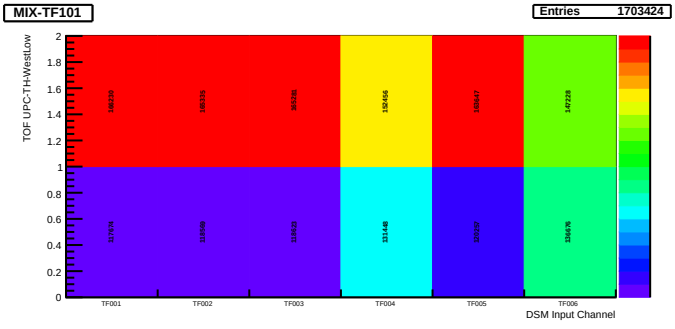

MIX-TF004
Entries 5961984
TOF MULT
TOF tray

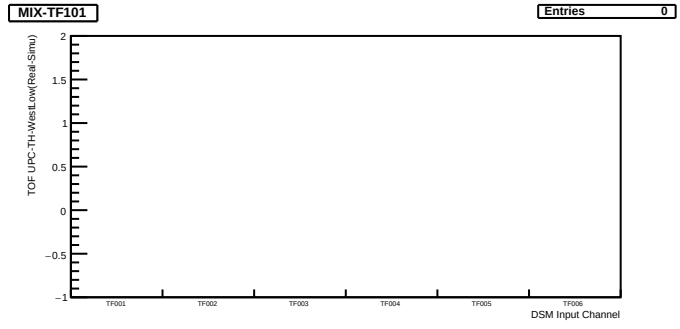

MIX-TF005
Entries 5961984
TOF MULT
TOF tray

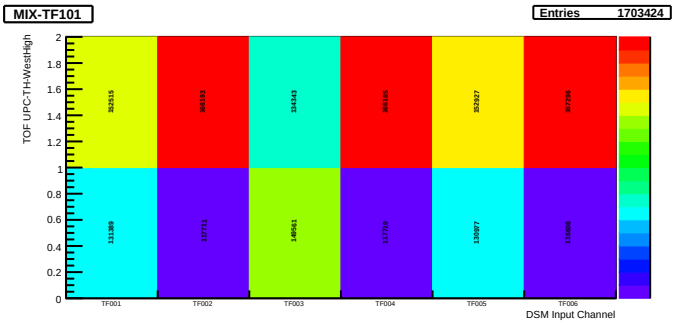

MIX-TF006
Entries 5961984
TOF MULT
TOF tray

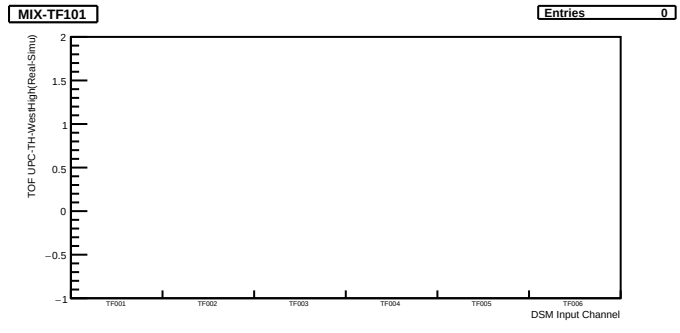

MIX-TF101
Entries 1703424
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

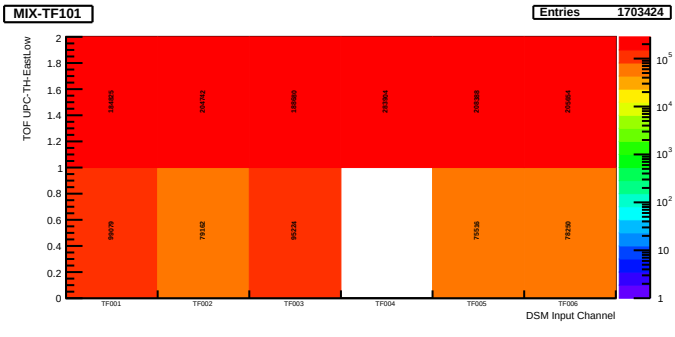

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

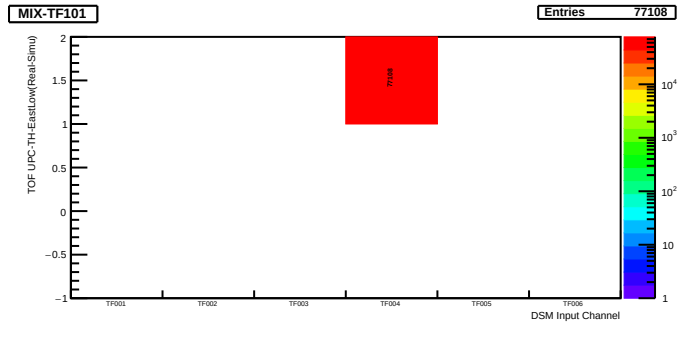

MIX-TF101
Entries 1703424
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

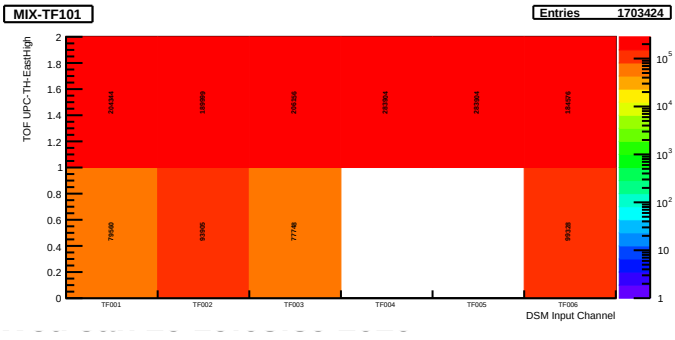

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

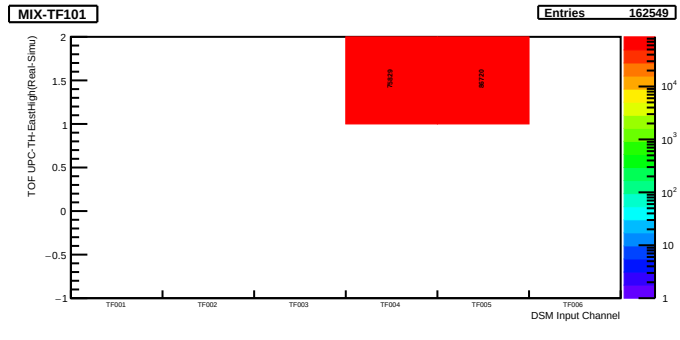

MIX-TF101
Entries 1703424
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

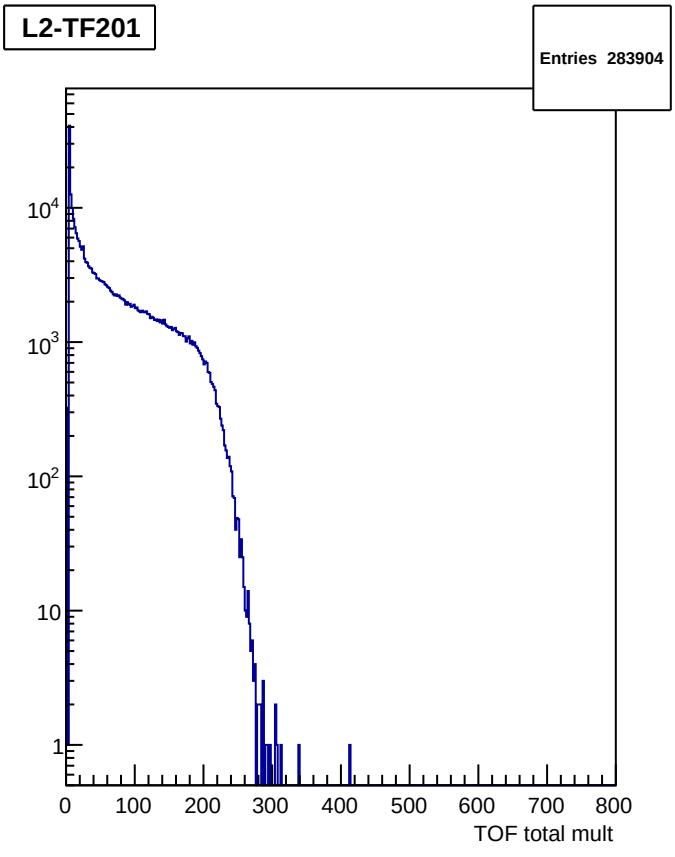

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

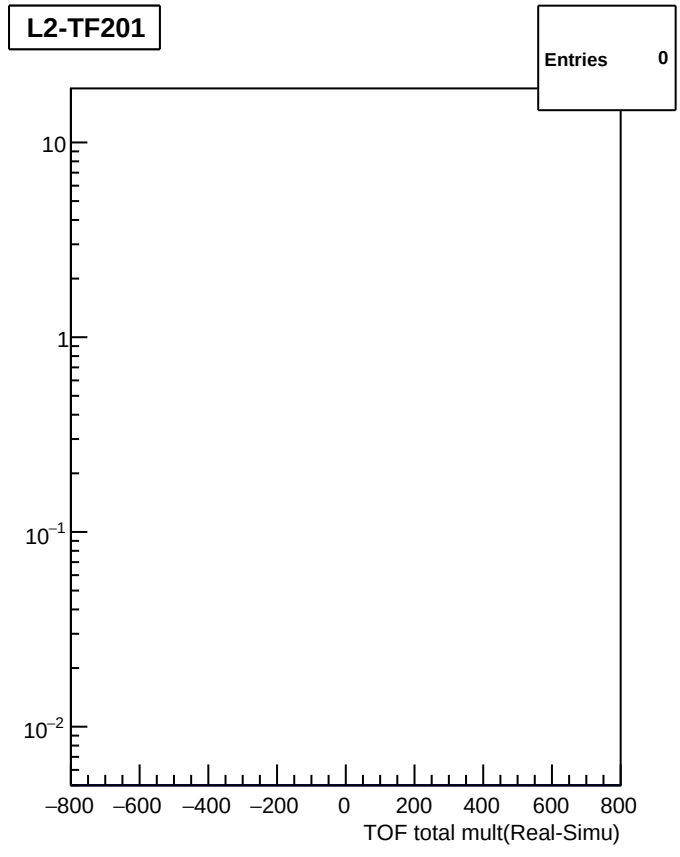

MIX-TF101
Entries 1703424
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

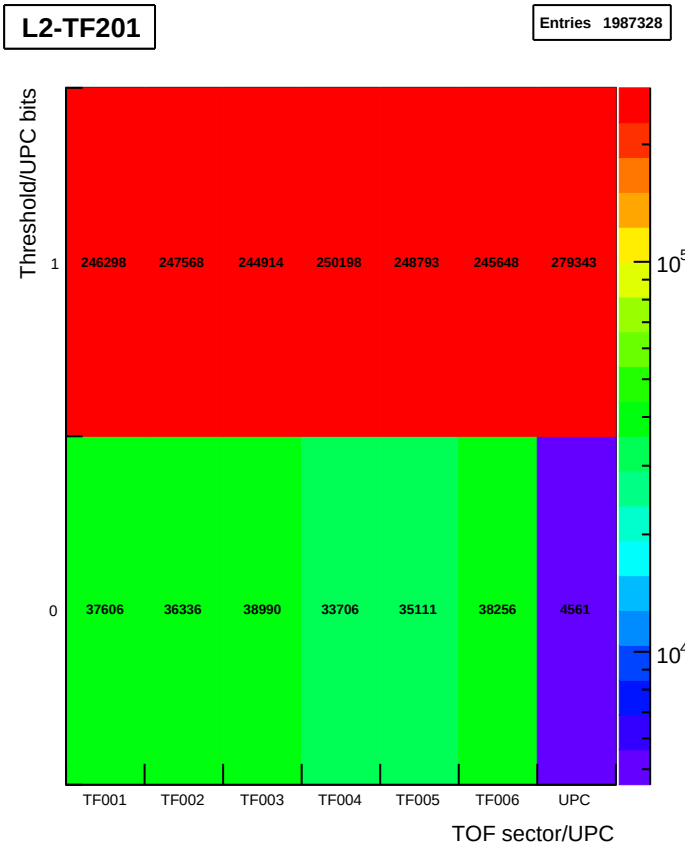

MIX-TF101
Entries 77108
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

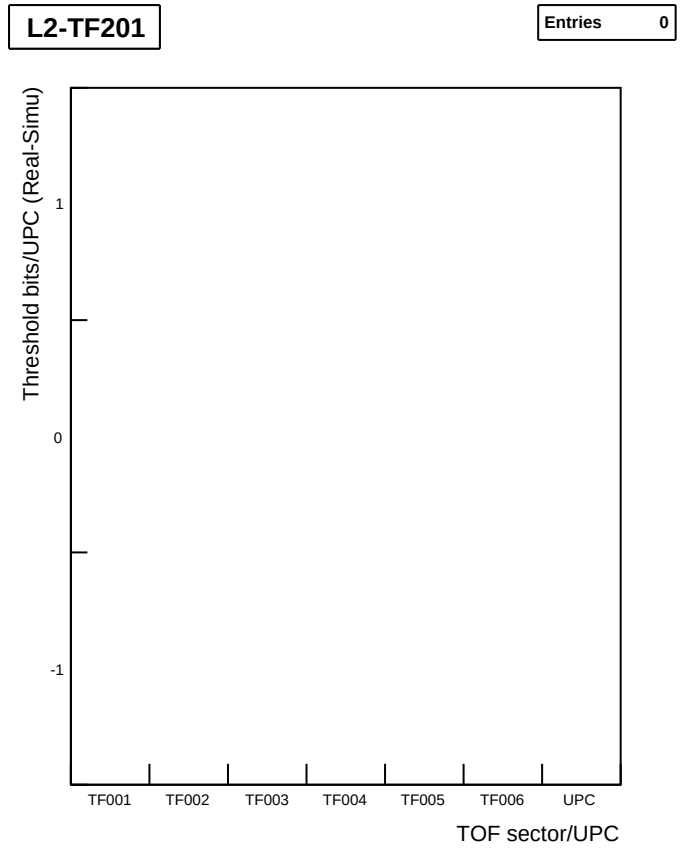

MIX-TF101
Entries 1703424
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

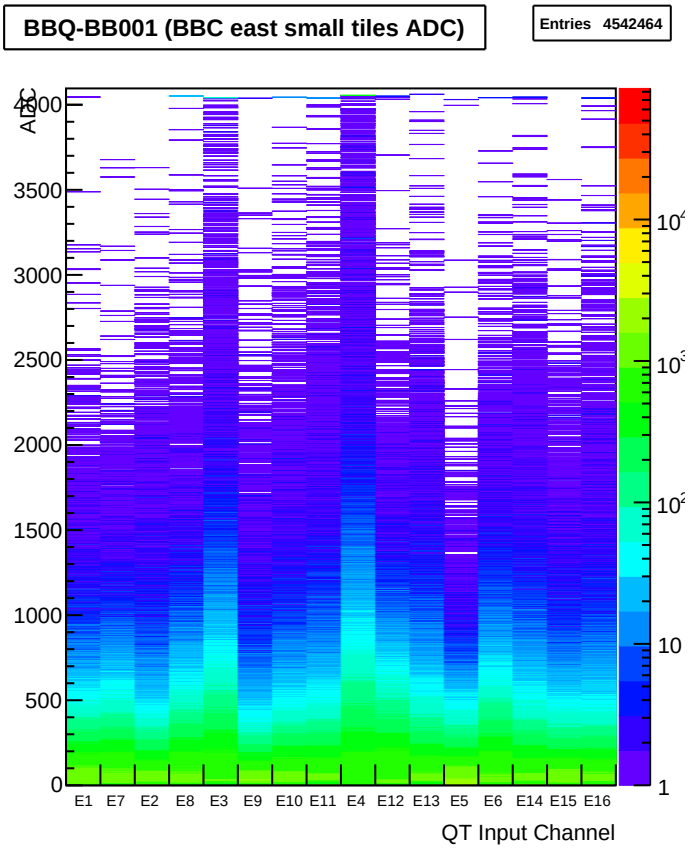

MIX-TF101
Entries 162549
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

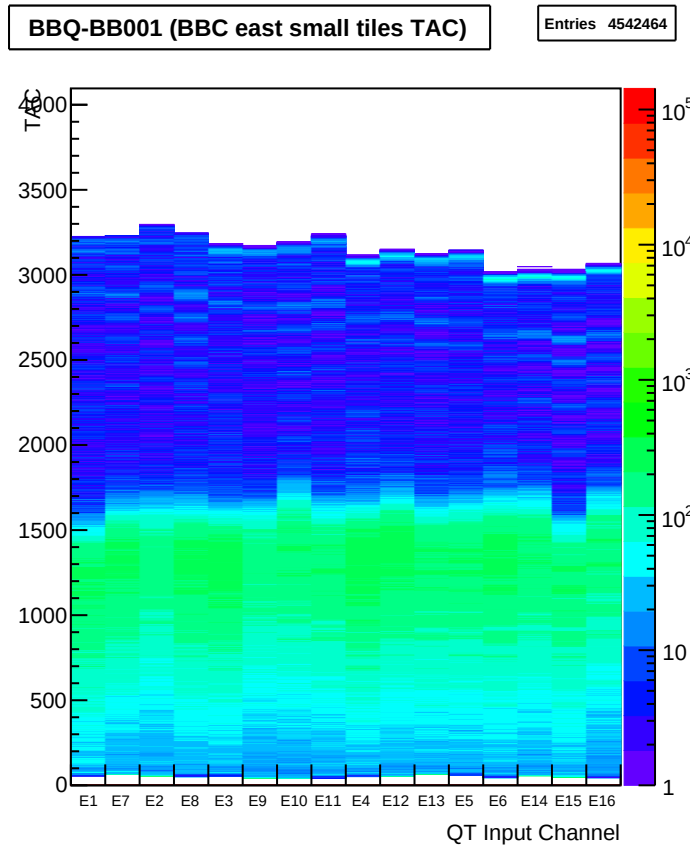

L2-TF201
Entries 283904
TOF total mult

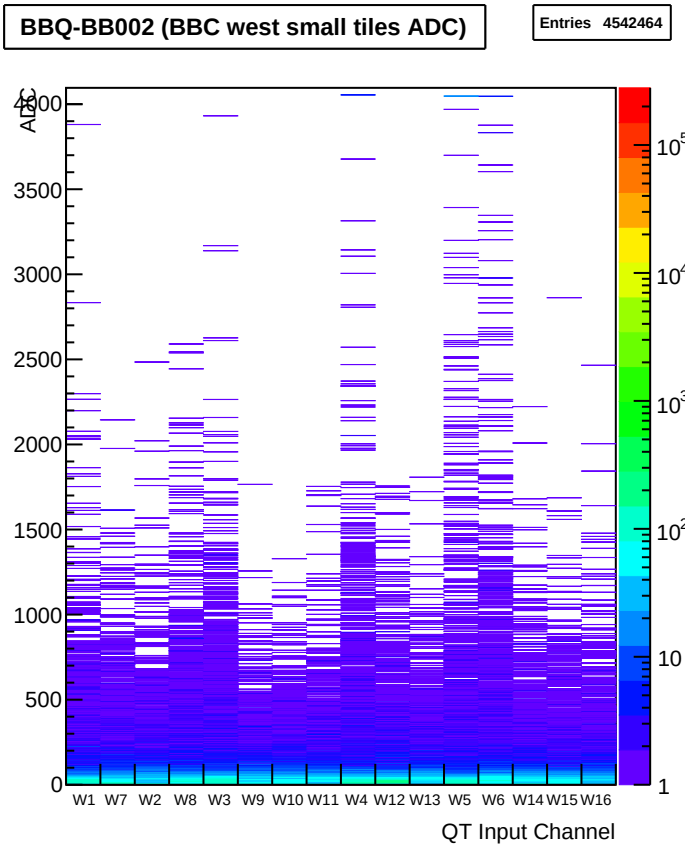

L2-TF201
Entries 0
TOF total mult(Real-Simu)

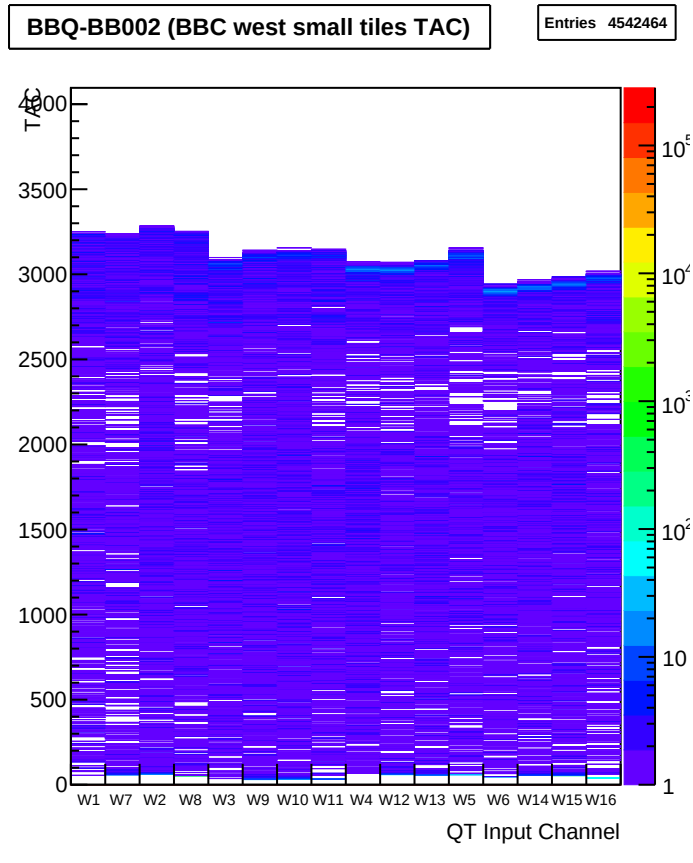

L2-TF201
Entries 1987328
Threshold/UPC bits
246298
247568
244914
250198
248793
245648
279343
37606
36336
38990
33706
35111
38256
4561
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

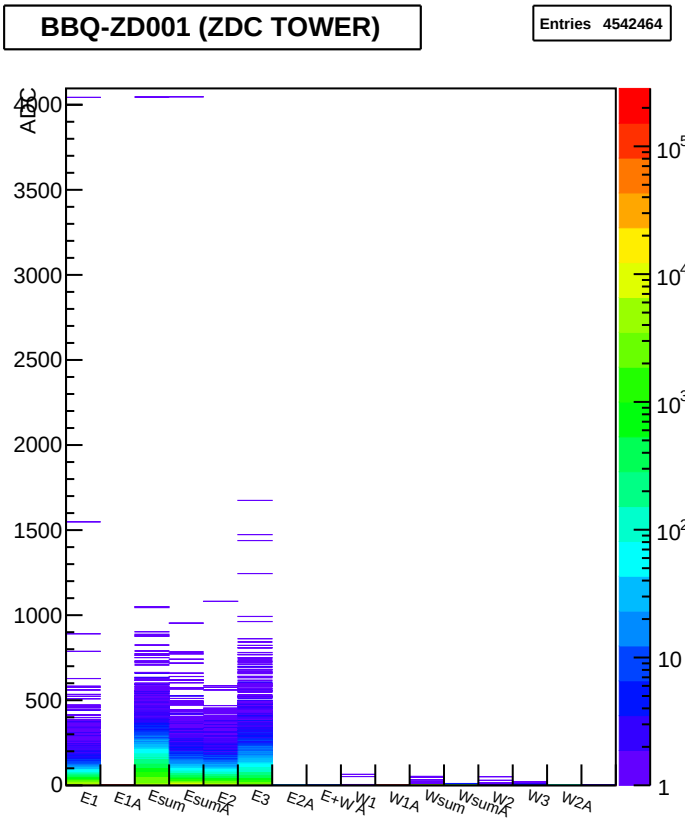

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

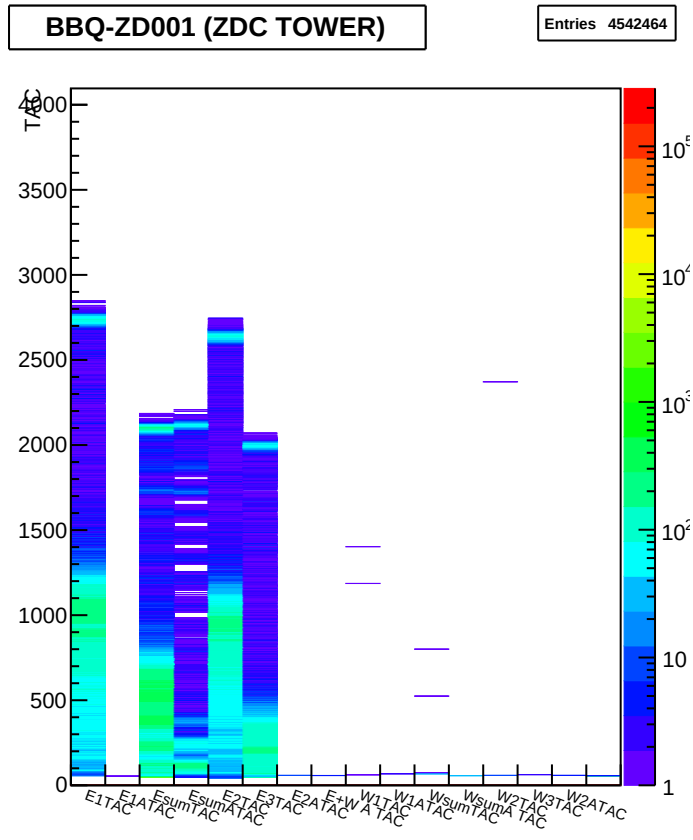

BBQ-BB001 (BBC east small tiles ADC)
Entries 4542464
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

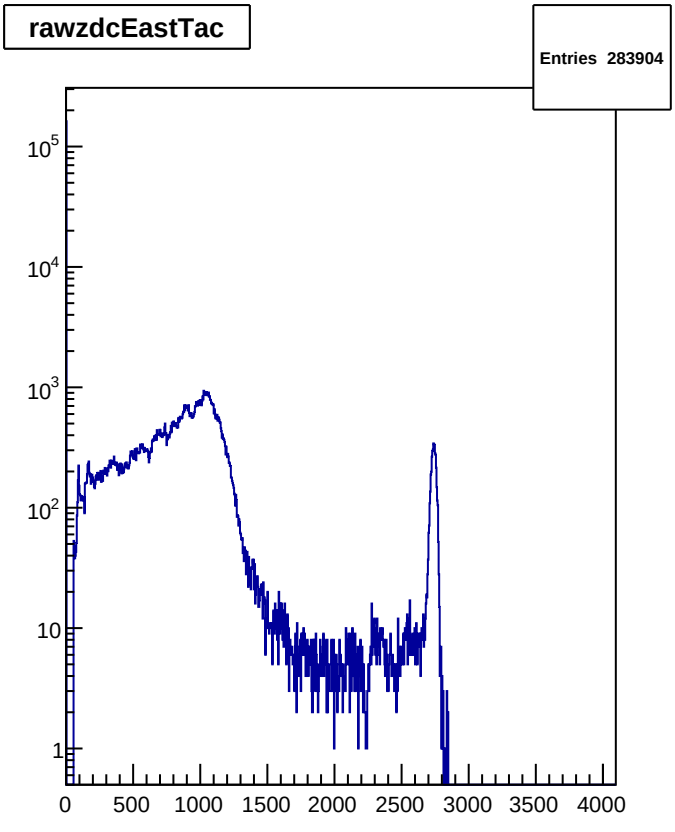

BBQ-BB001 (BBC east small tiles TAC)
Entries 4542464
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

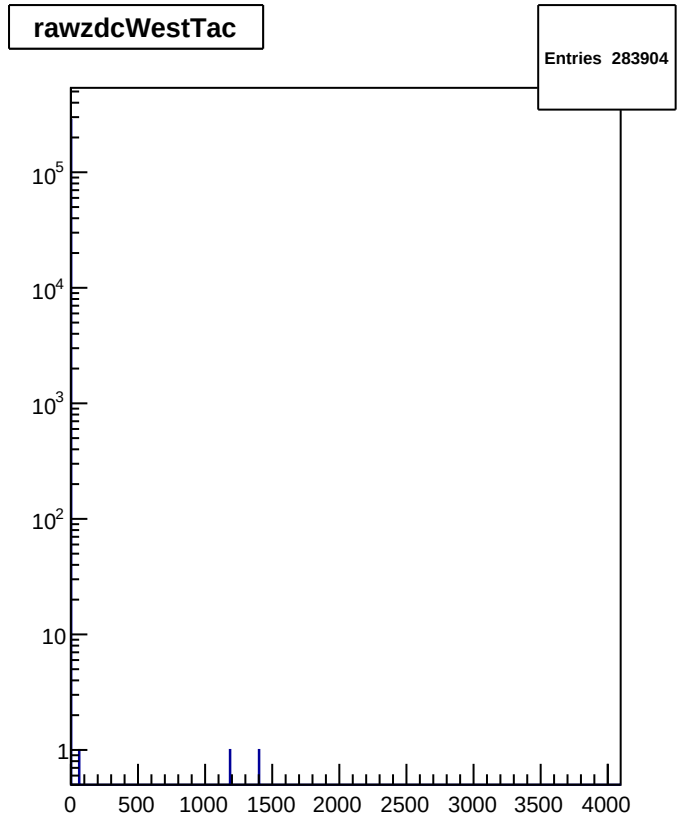

BBQ-BB002 (BBC west small tiles ADC)
Entries 4542464
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

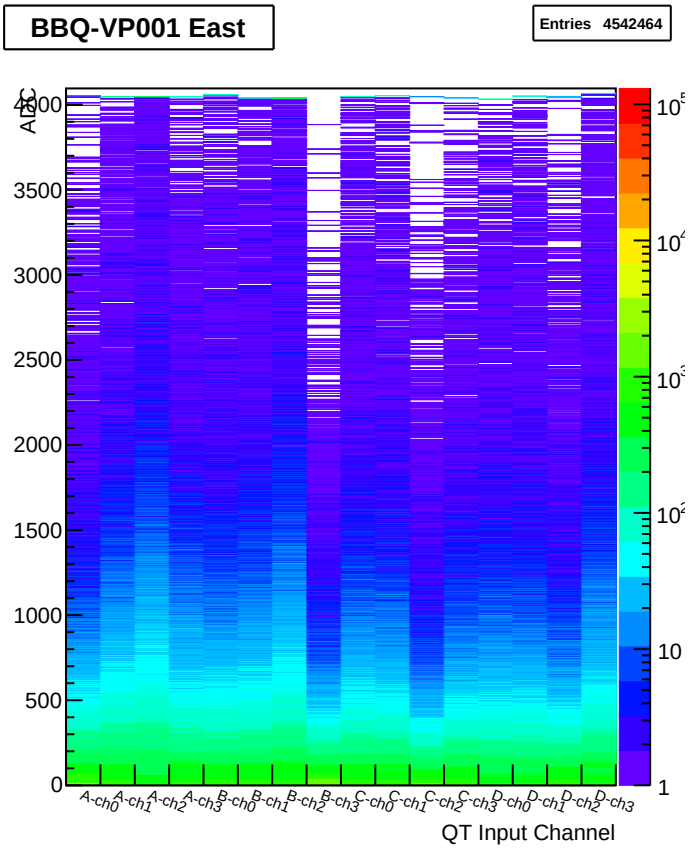

BBQ-BB002 (BBC west small tiles TAC)
Entries 4542464
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

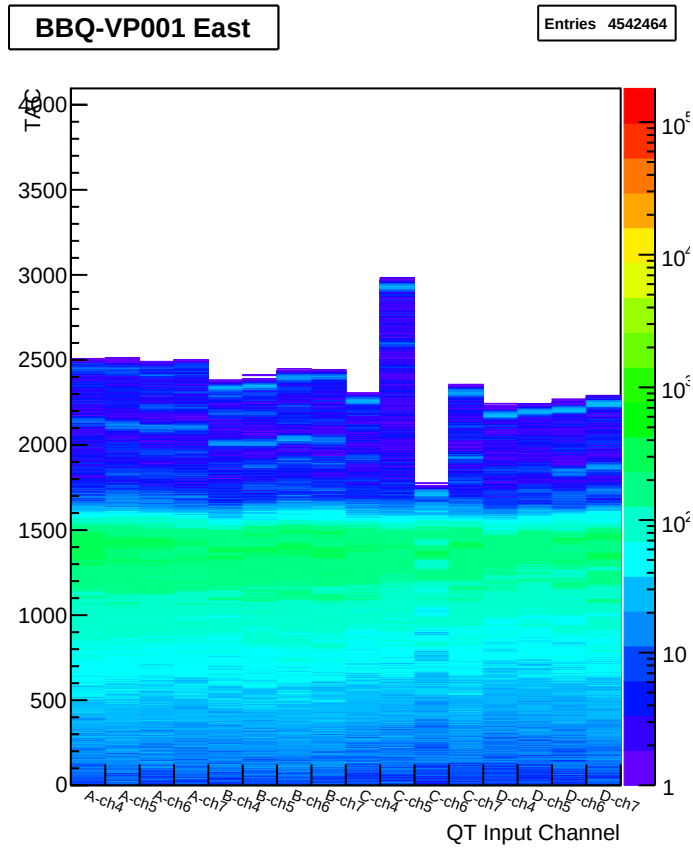

BBQ-ZD001 (ZDC TOWER)
Entries 4542464
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

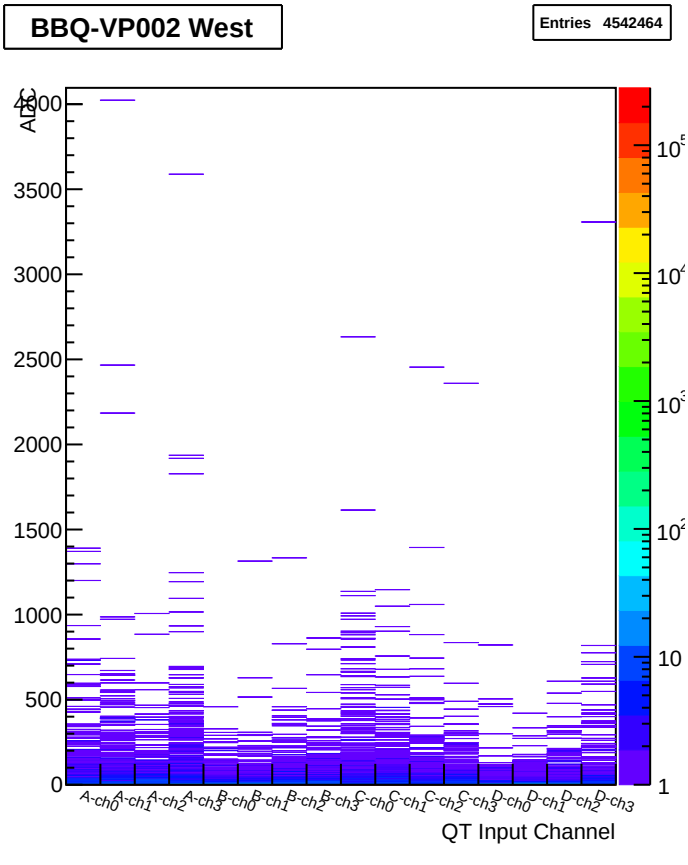

BBQ-ZD001 (ZDC TOWER)
Entries 4542464
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

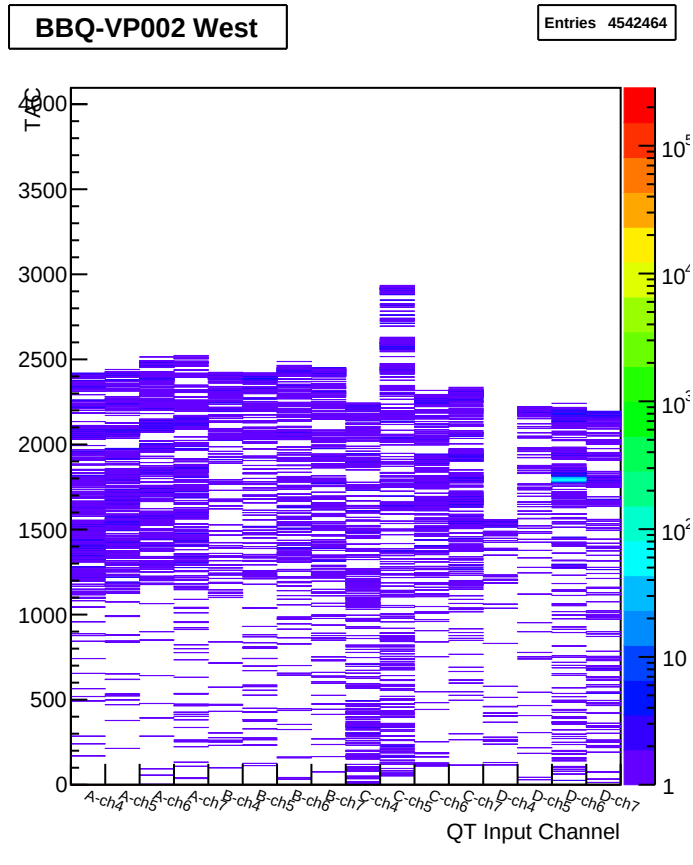

rawzdcEastTac
Entries 283904

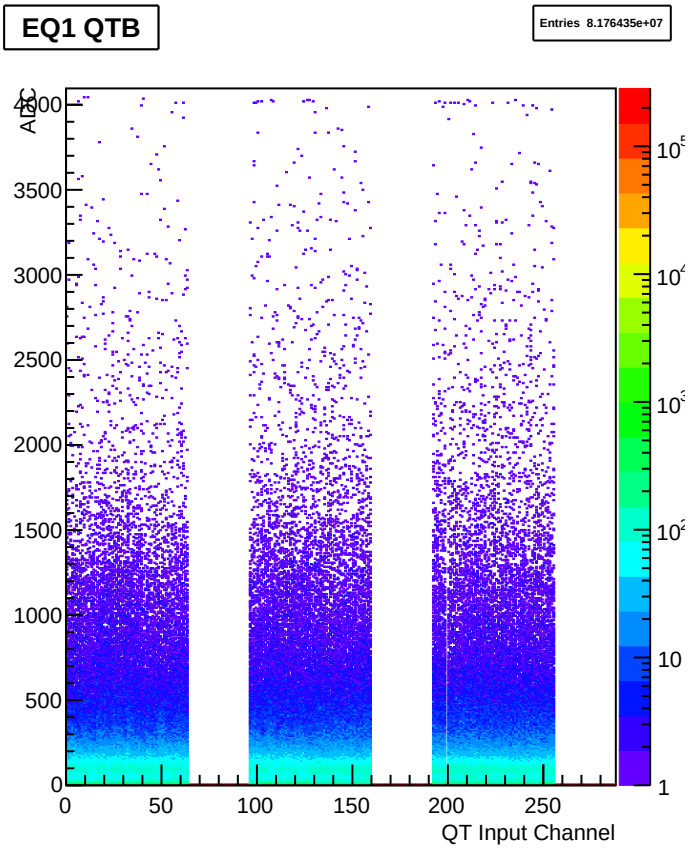

rawzdcWestTac
Entries 283904

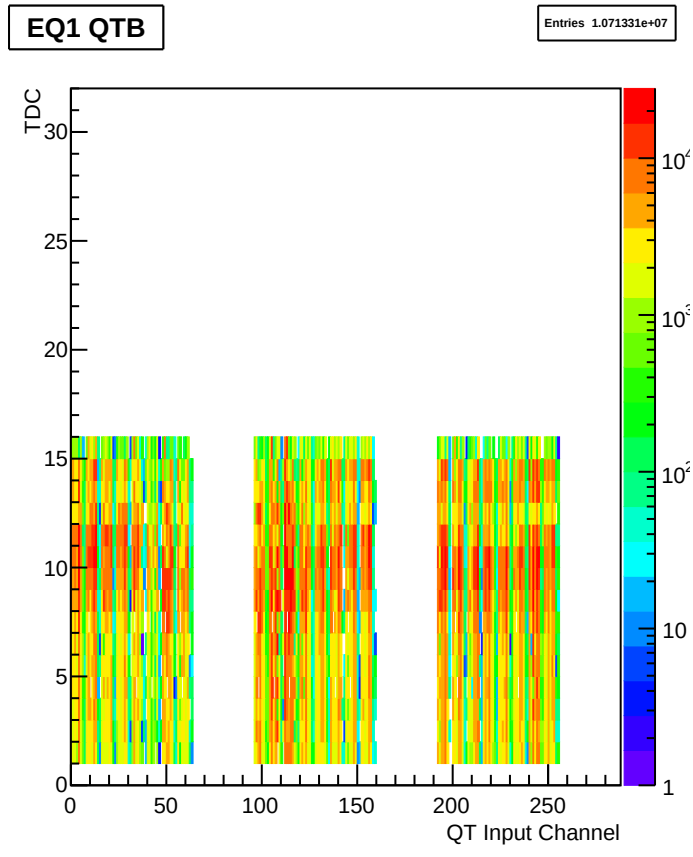

BBQ-VP001 East
Entries 4542464
ADC
QT Input Channel

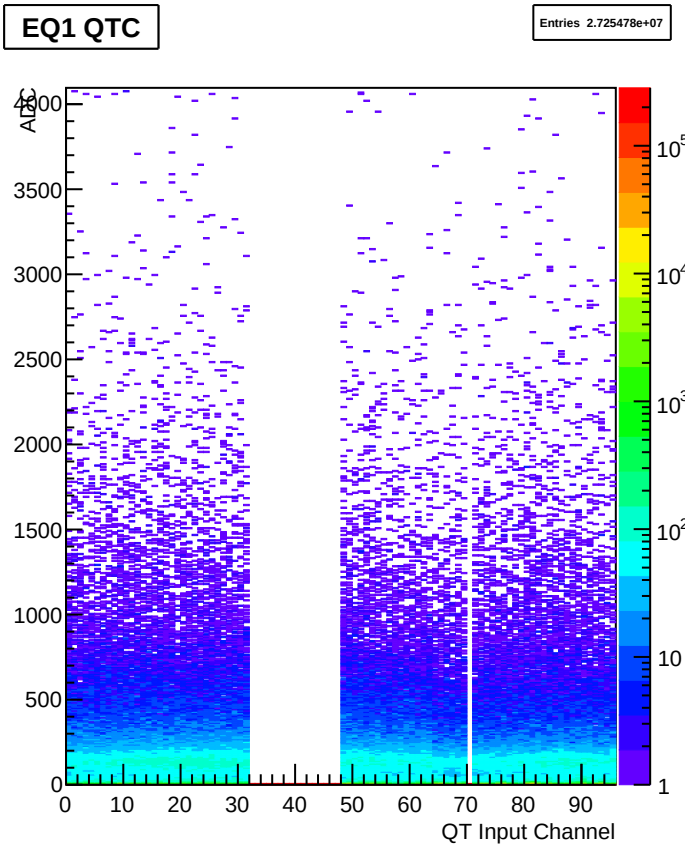

BBQ-VP001 East
Entries 4542464
TADC
QT Input Channel

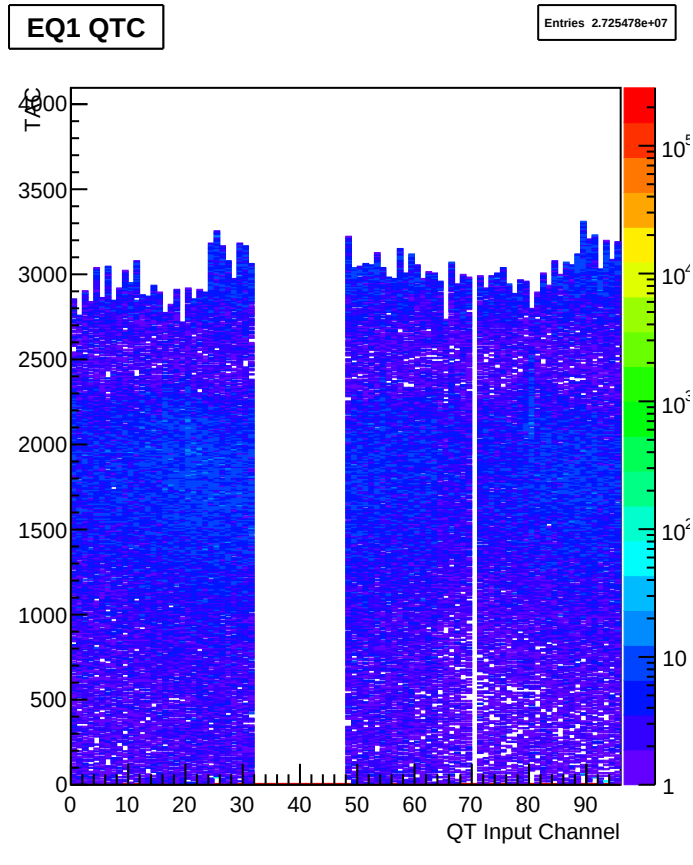

BBQ-VP002 West
Entries 4542464
ADC
QT Input Channel

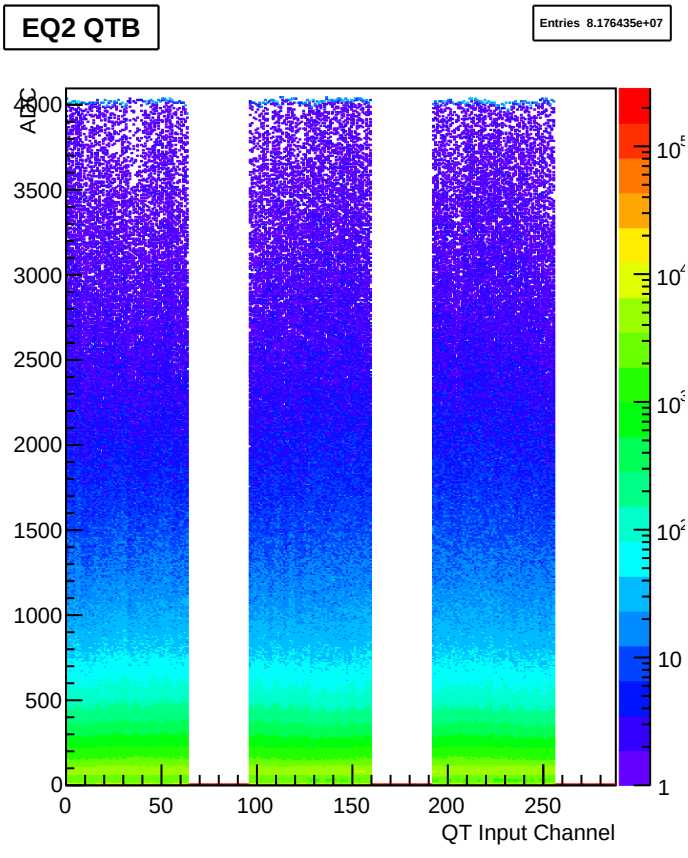

BBQ-VP002 West
Entries 4542464
TADC
QT Input Channel

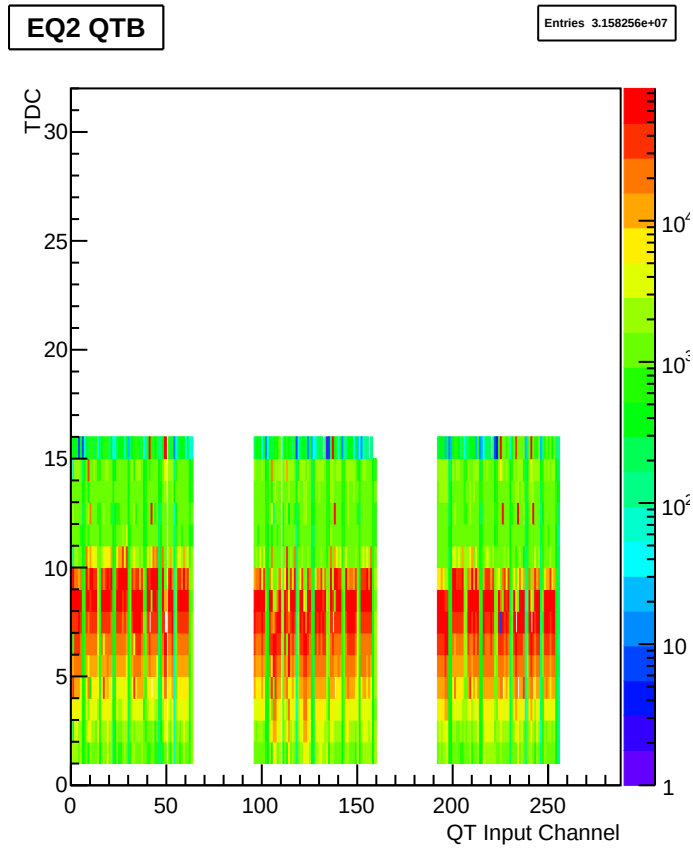

EQ1 QTB
Entries 8.176435e+07
ADC
QT Input Channel

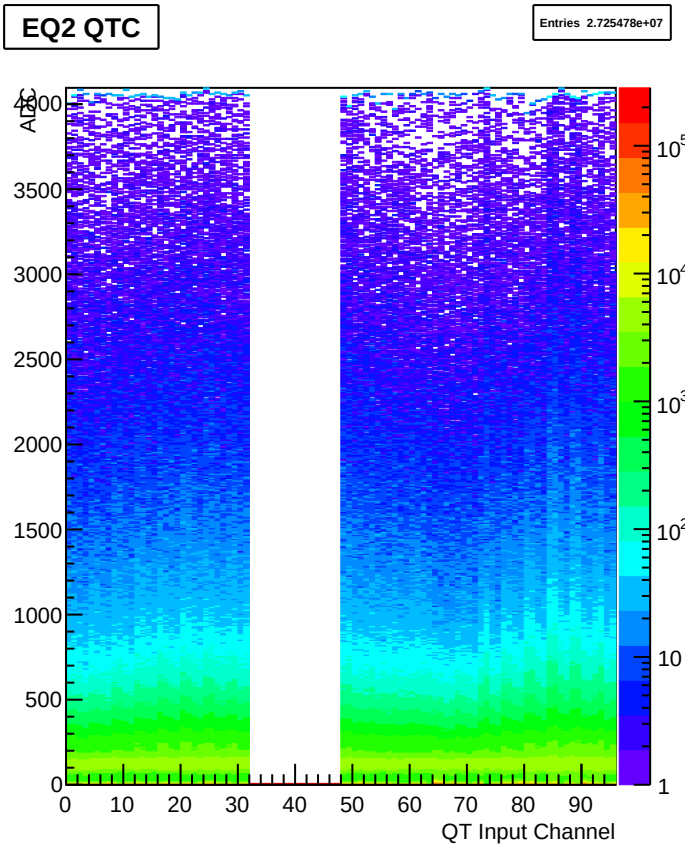

EQ1 QTB
Entries 1.071331e+07
TDC
QT Input Channel

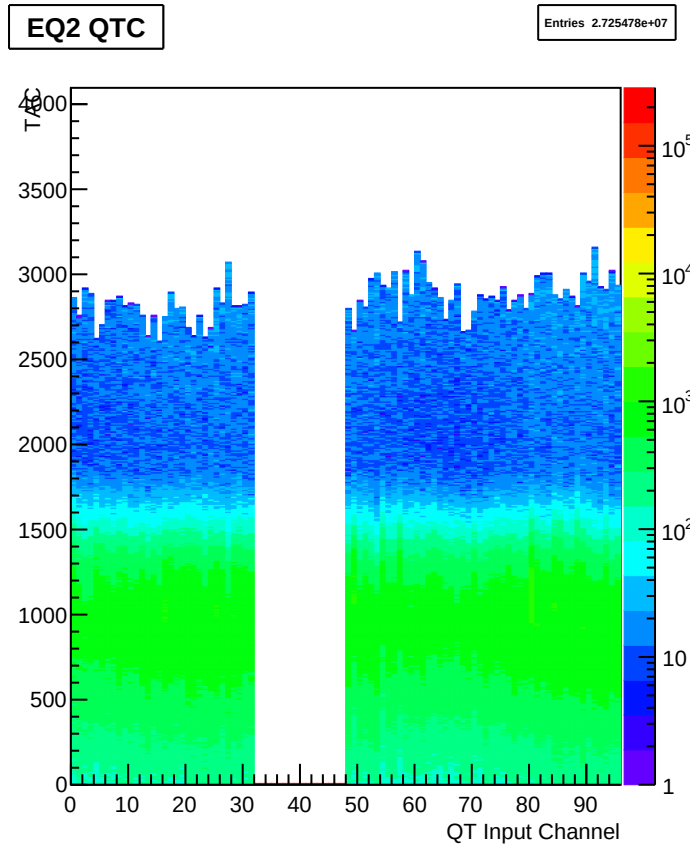

EQ1 QTC
Entries 2.725478e+07
ADC
QT Input Channel

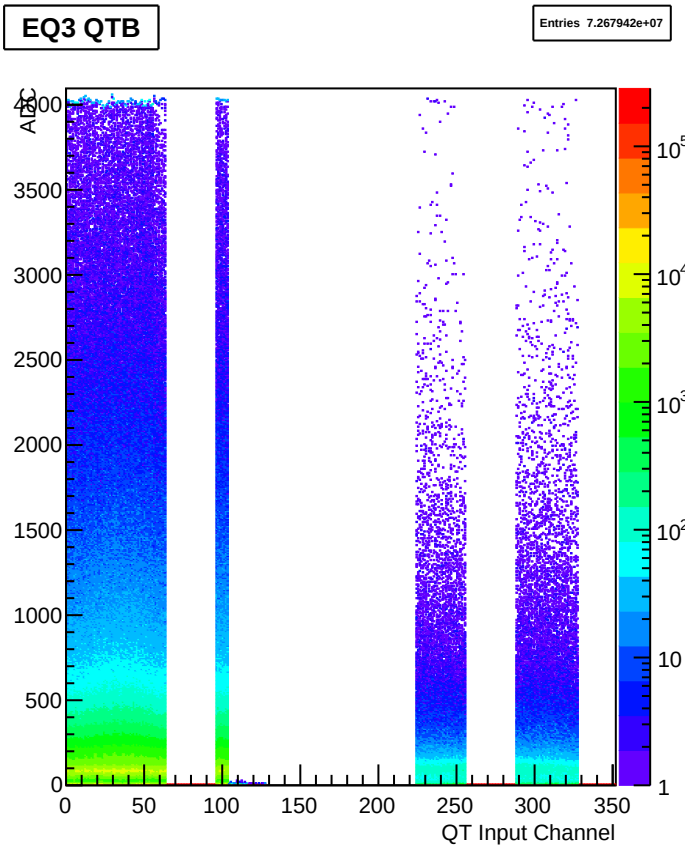

EQ1 QTC
Entries 2.725478e+07
TADC
QT Input Channel

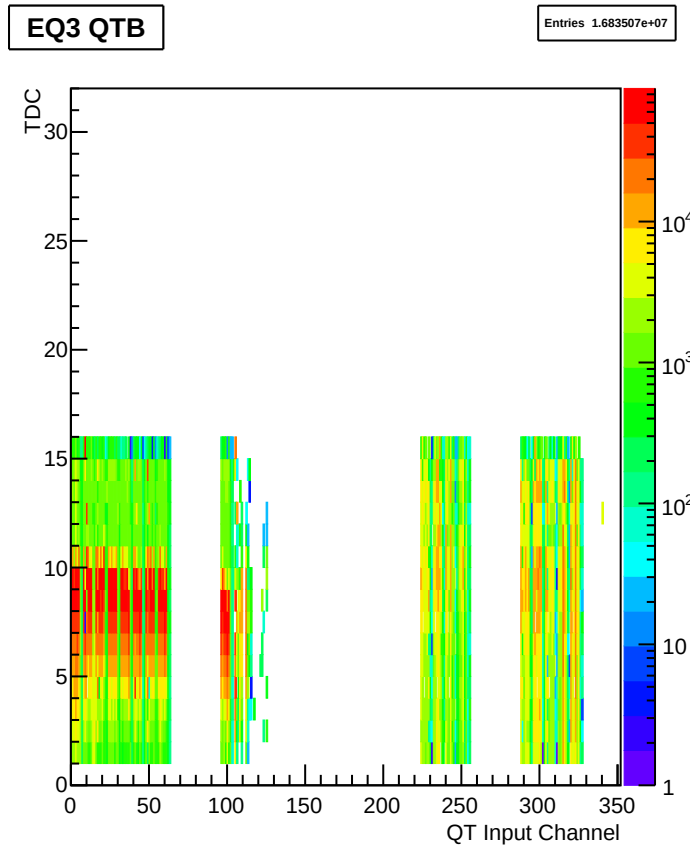

EQ2 QTB
Entries 8.176435e+07
ADC
QT Input Channel

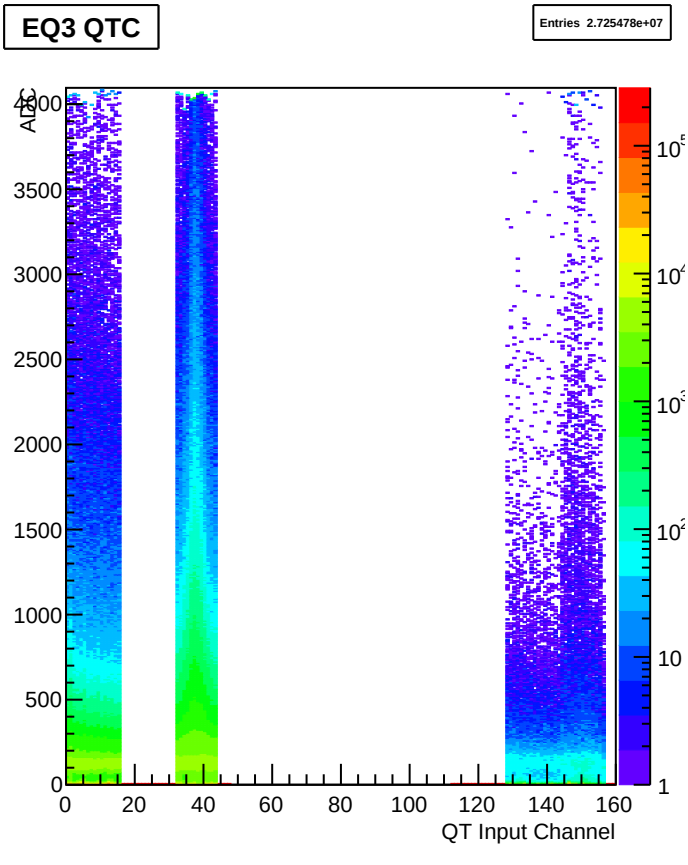

EQ2 QTB
Entries 3.158256e+07
TDC
QT Input Channel

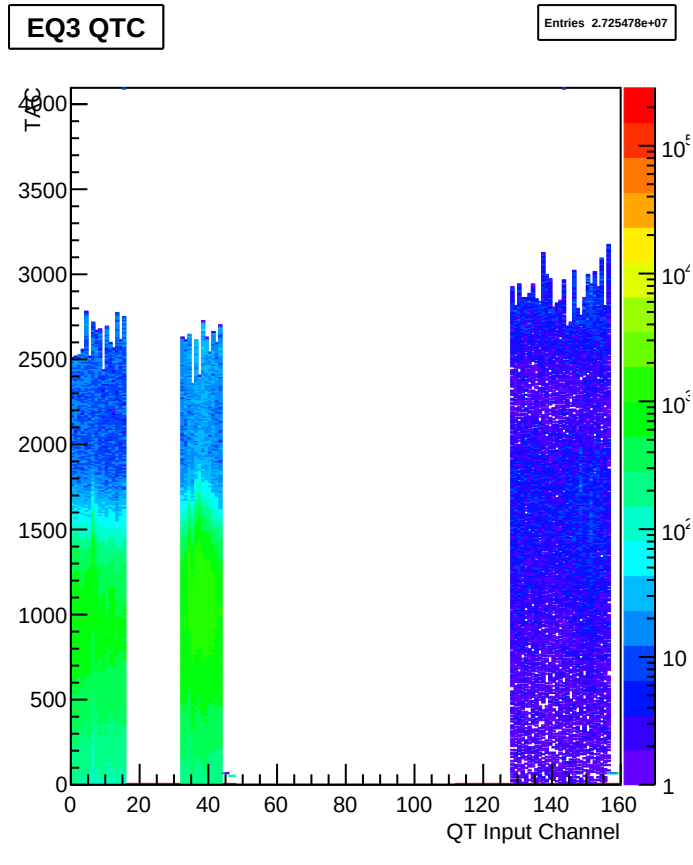

EQ2 QTC
Entries 2.725478e+07
ADC
QT Input Channel

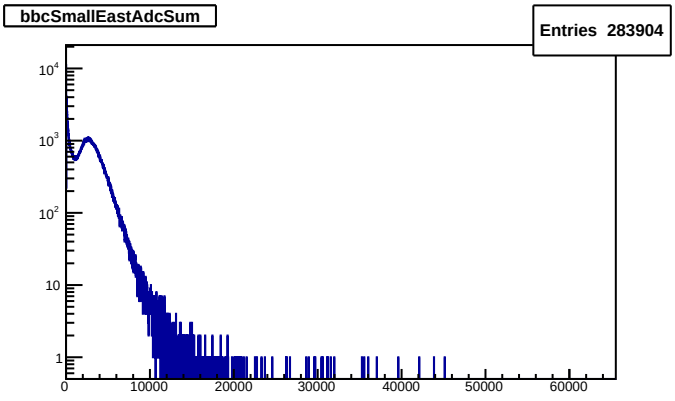

EQ2 QTC
Entries 2.725478e+07
TADC
QT Input Channel

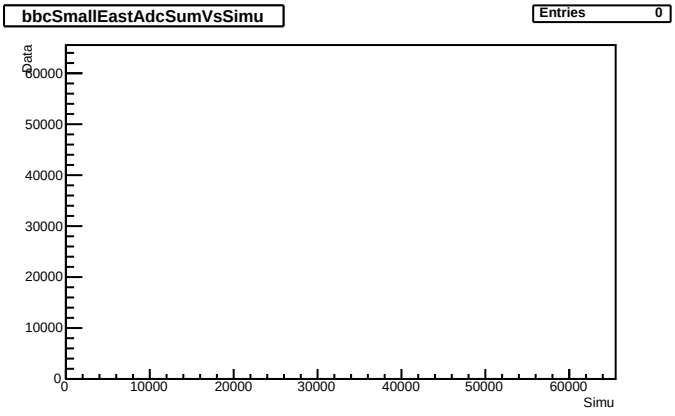

EQ3 QTB
Entries 7.267942e+07
ADC
QT Input Channel

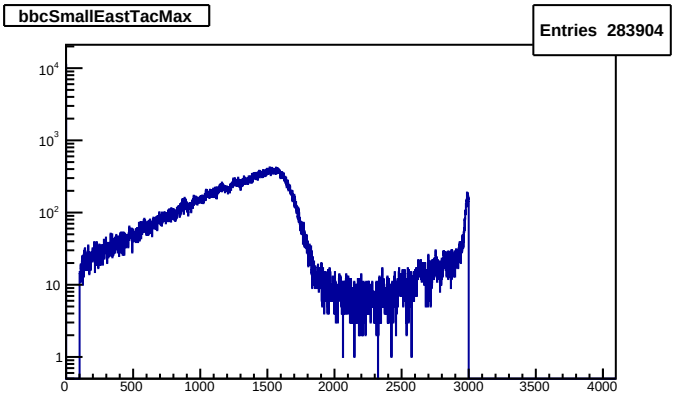

EQ3 QTB
Entries 1.683507e+07
TDC
QT Input Channel

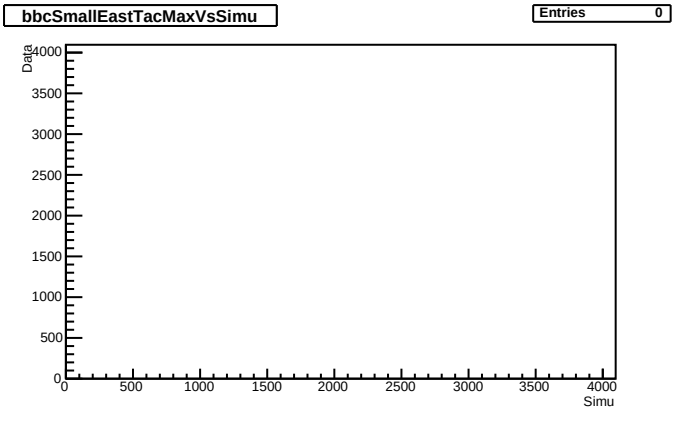

EQ3 QTC
Entries 2.725478e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.725478e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 283904


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 283904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Entries 0
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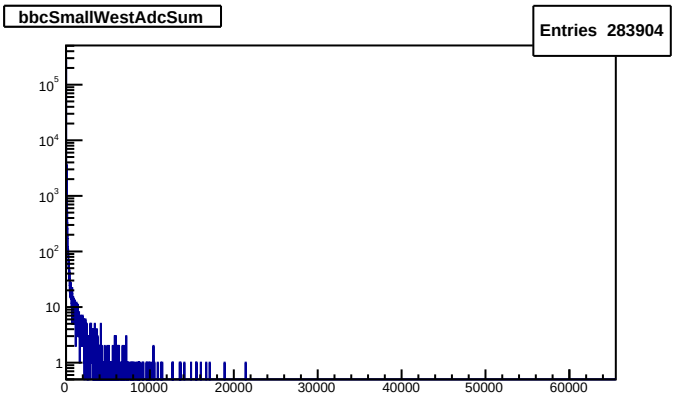
Simu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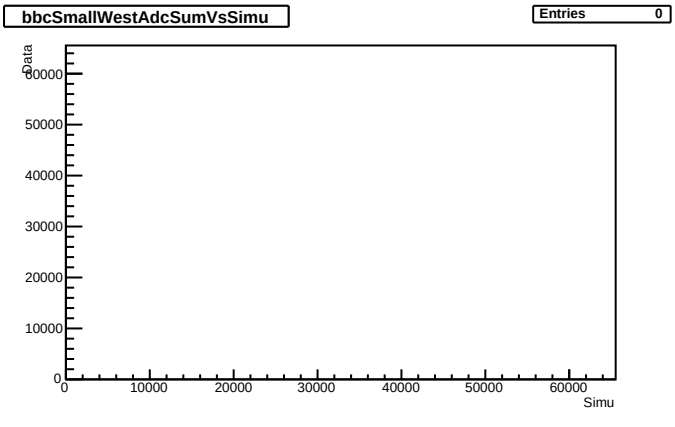
Entries 283904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Entries 0
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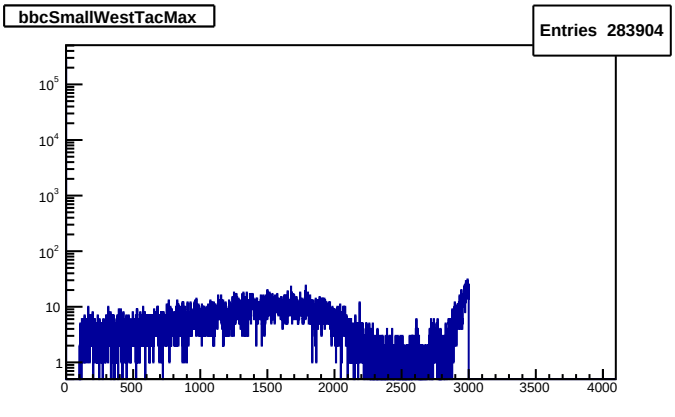
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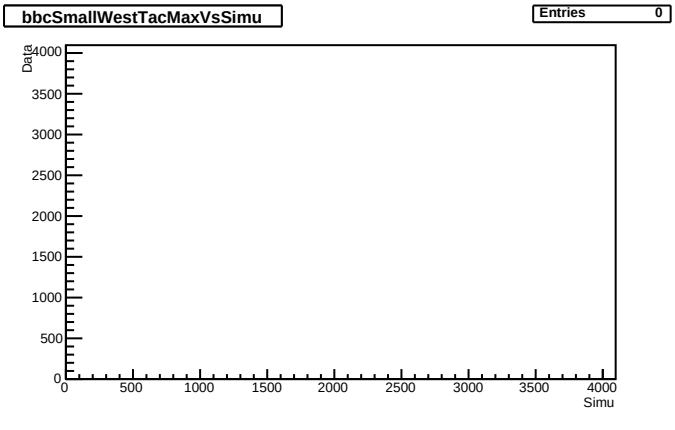
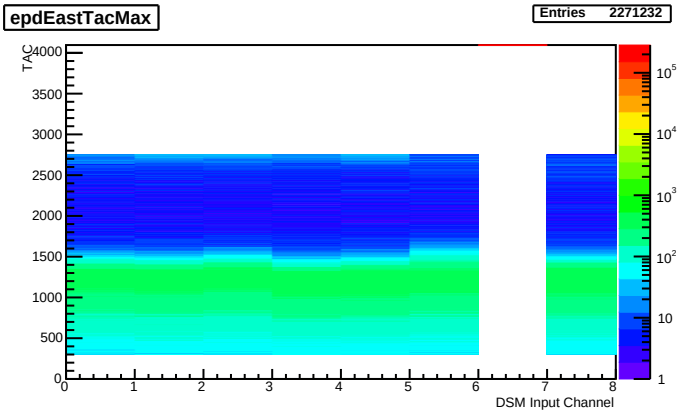
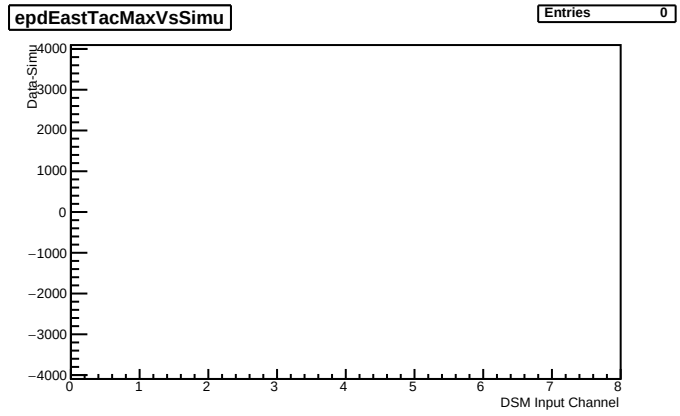
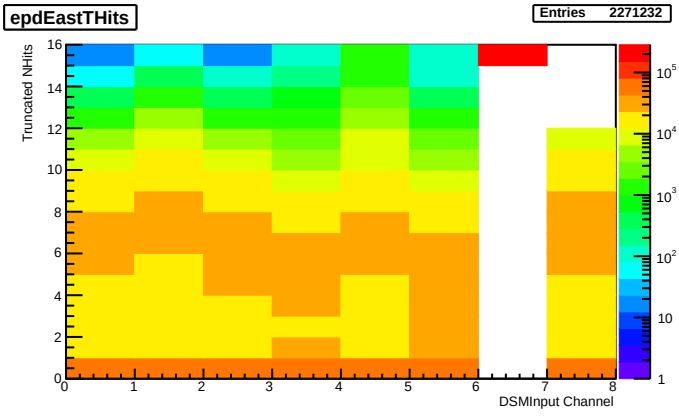
Entries 283904


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 2271232
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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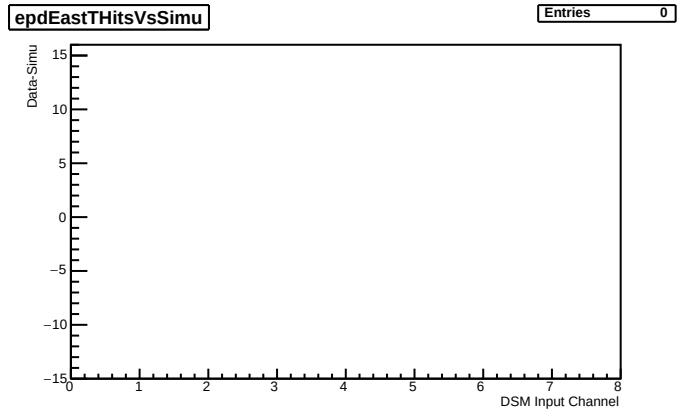
Entries 2271232
Truncated NHits
DSMInput Channel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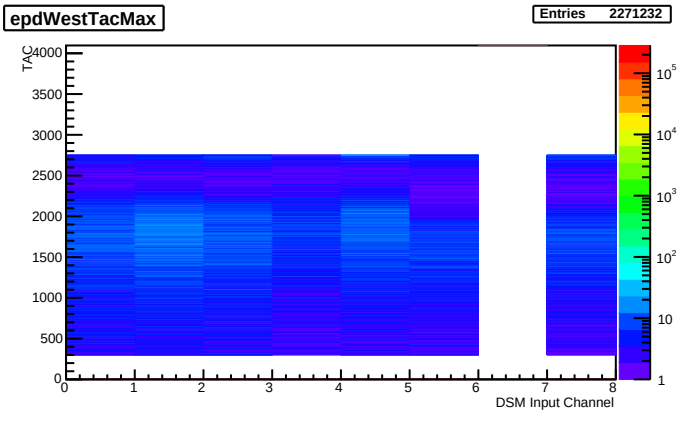
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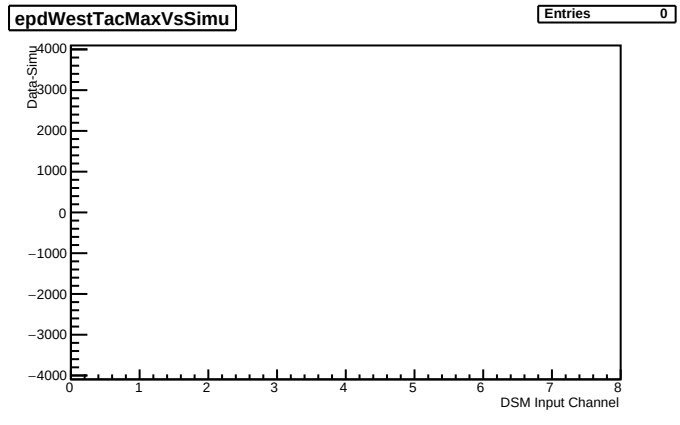
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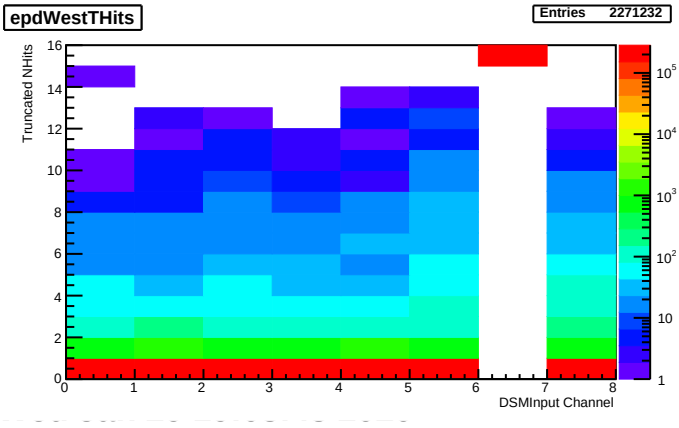
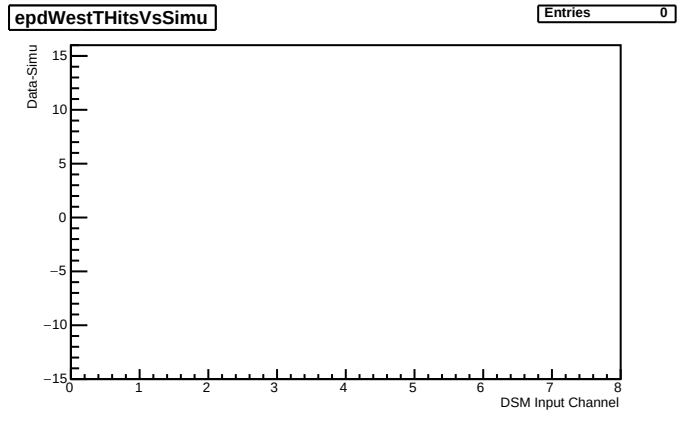
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2271232
Truncated NHits
DSMInput Channel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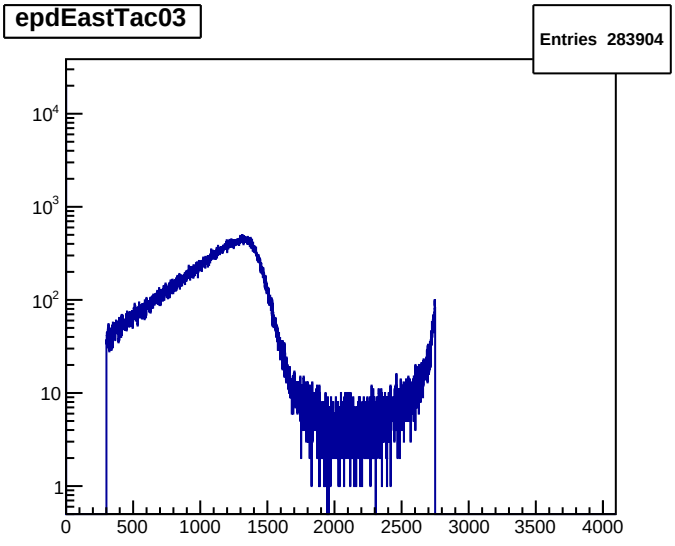
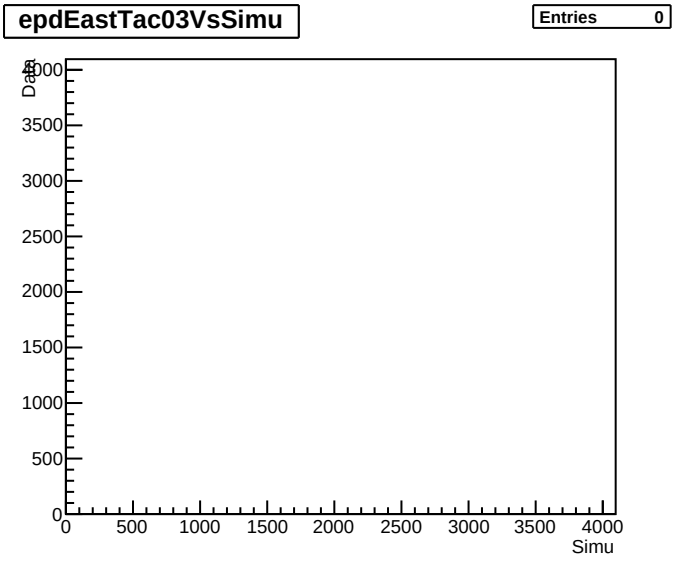
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 283904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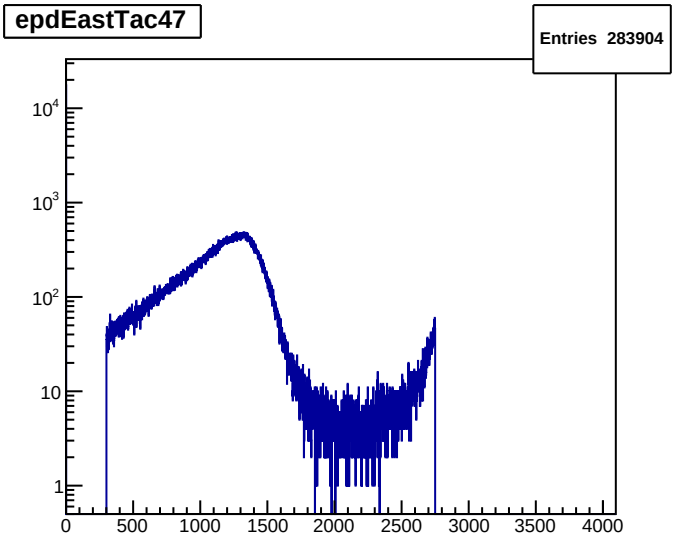
Entries 0
Data
Simu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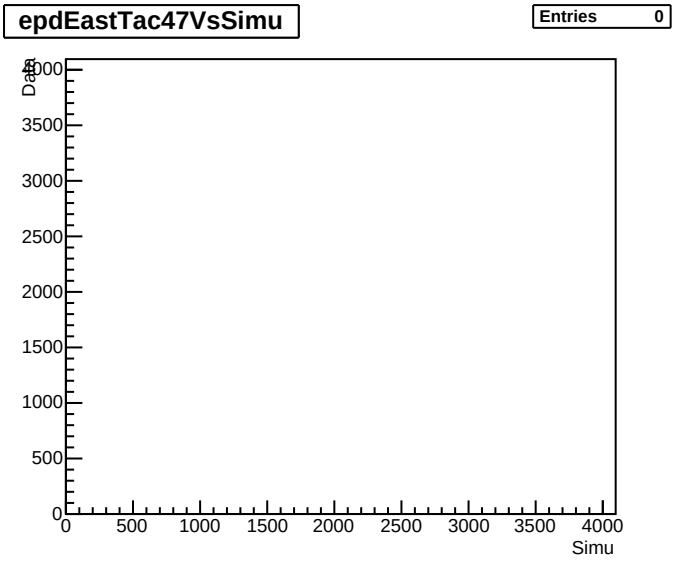
Entries 283904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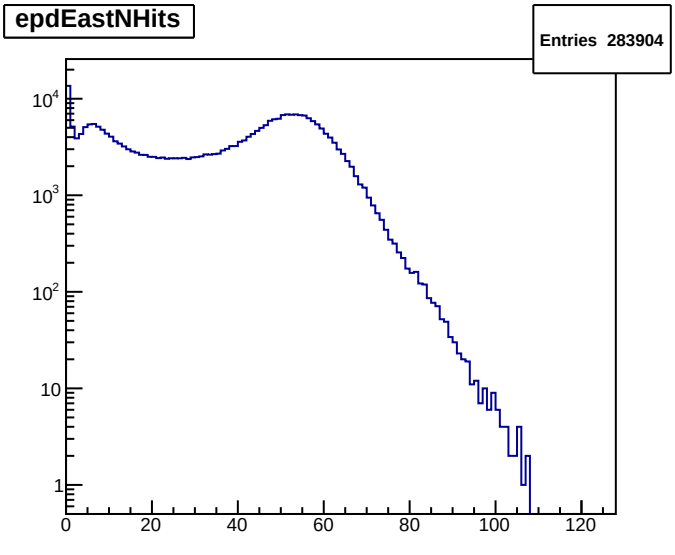
Entries 0
Data
Simu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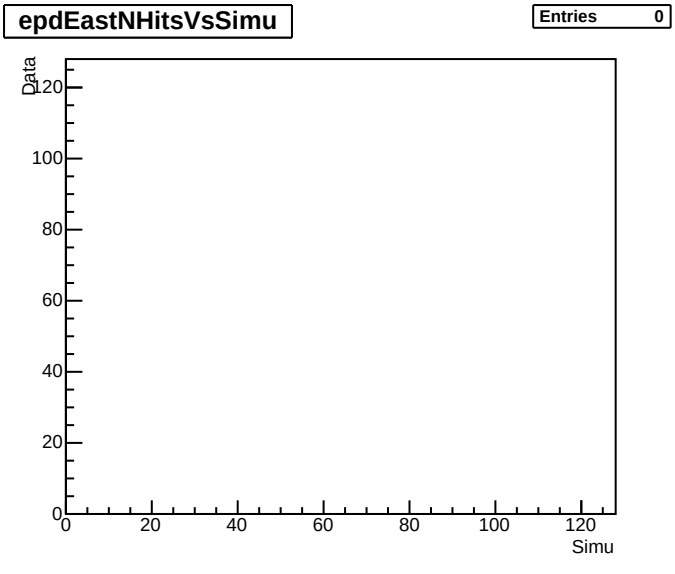
Entries 283904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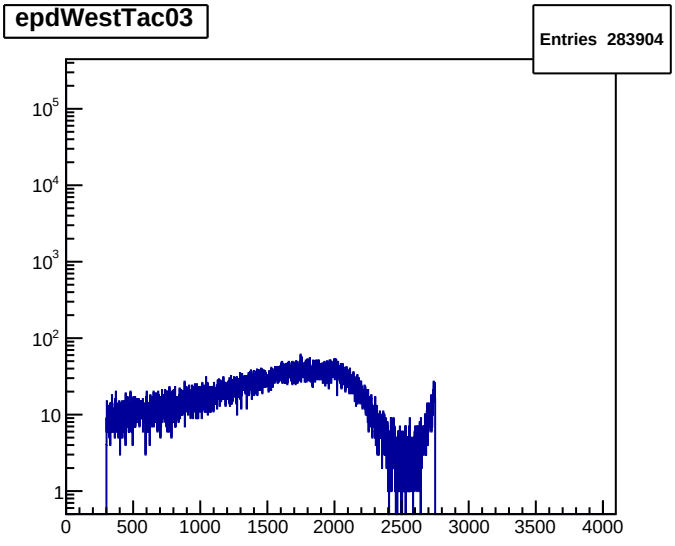
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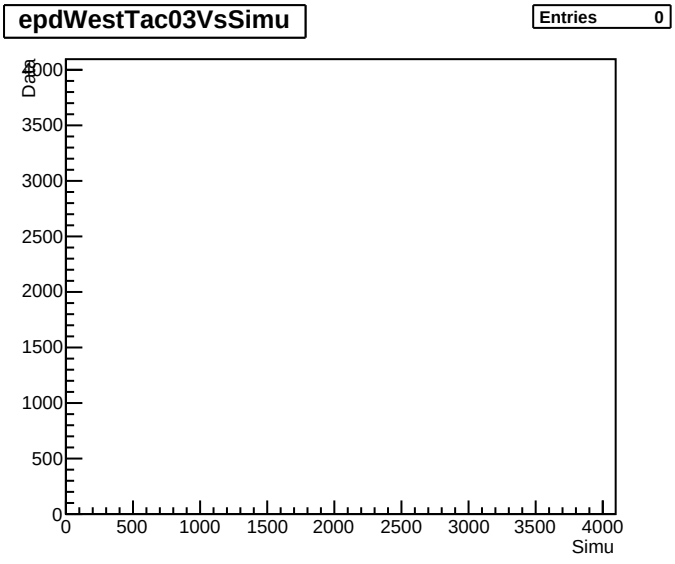
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Data
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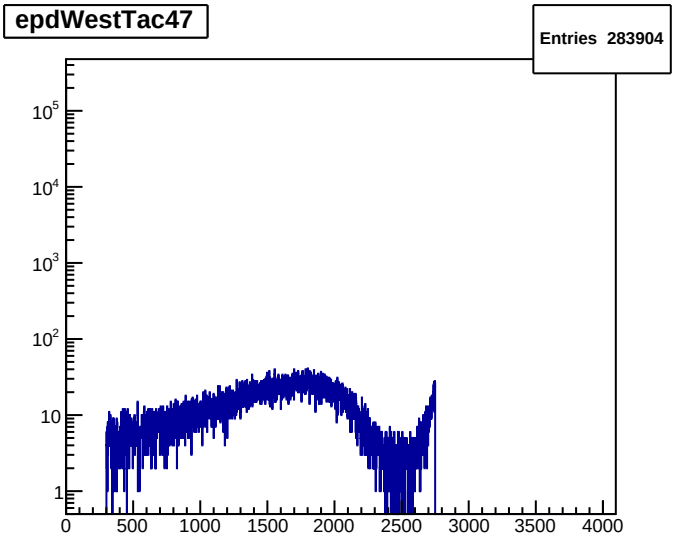
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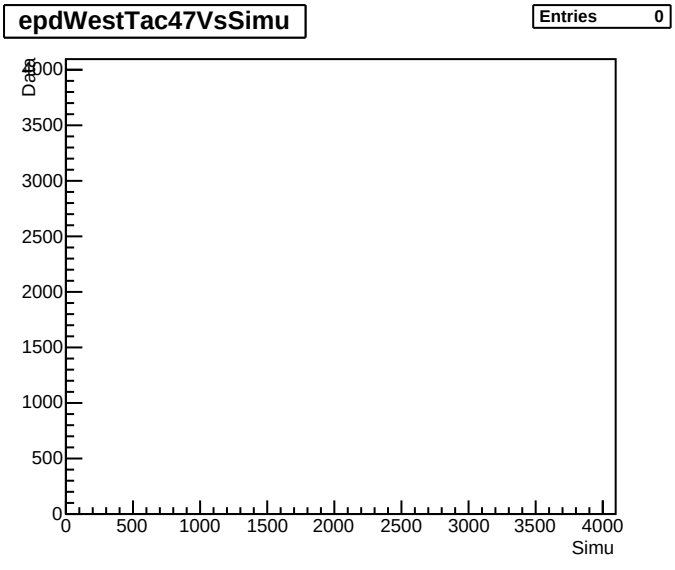
Entries 283904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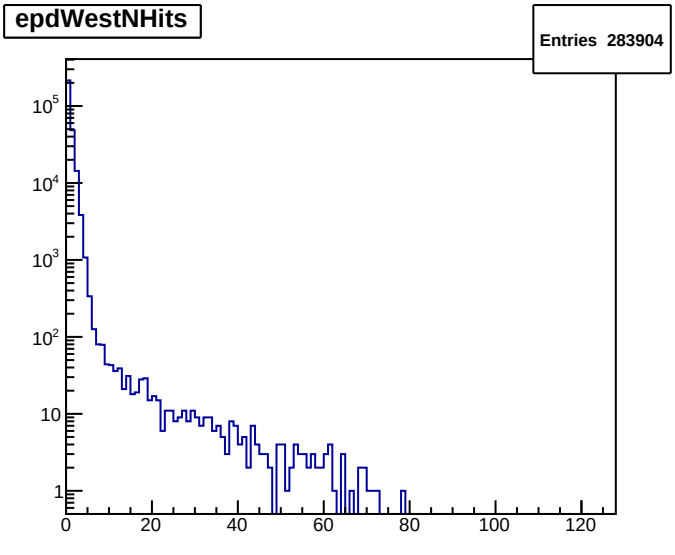
Entries 0
Data
Simu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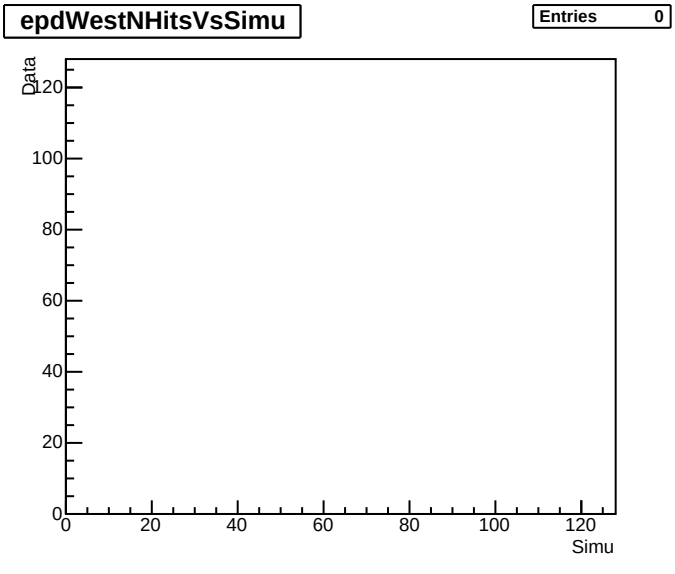
Entries 283904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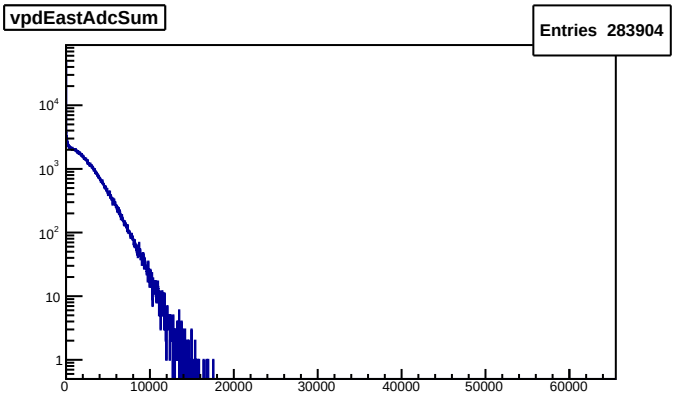
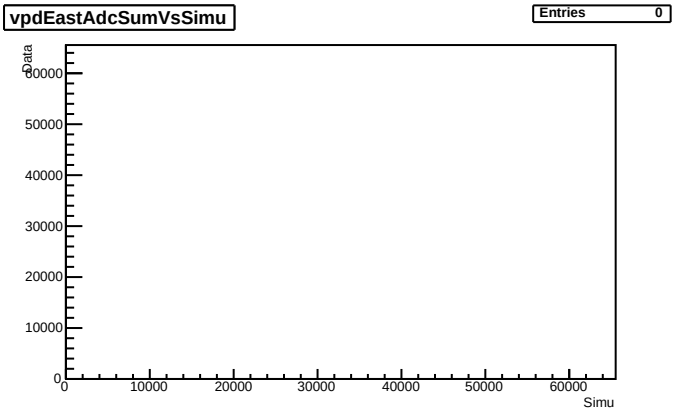
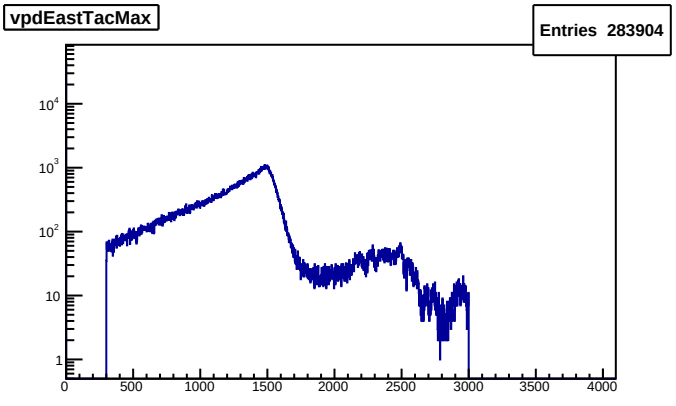
Entries 0
Data
Simu


vpdEastAdcSum
Entries 283904


vpdEastAdcSumVsSimu
Entries 0
Data
Simu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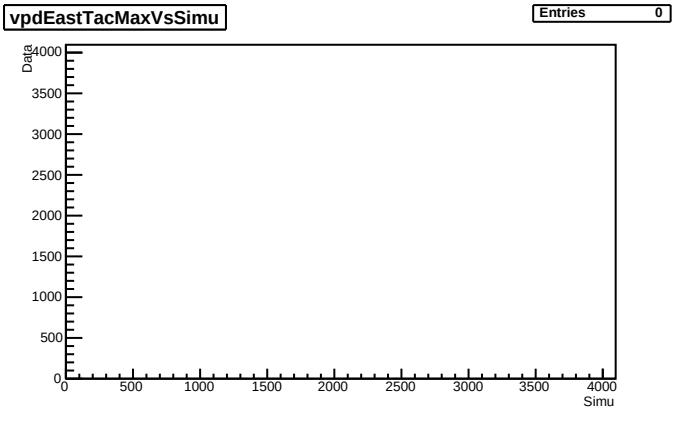
Entries 283904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Entries 0
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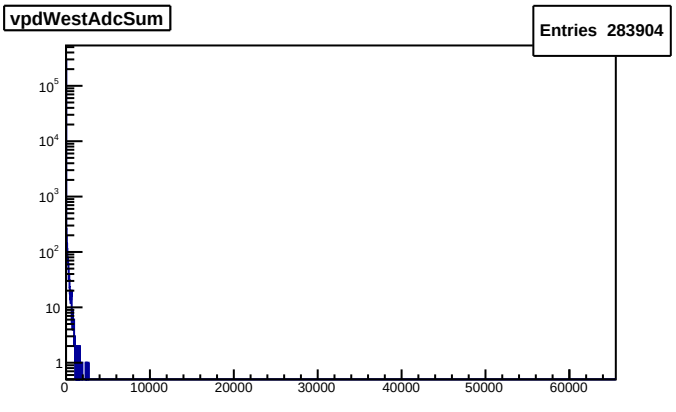
Simu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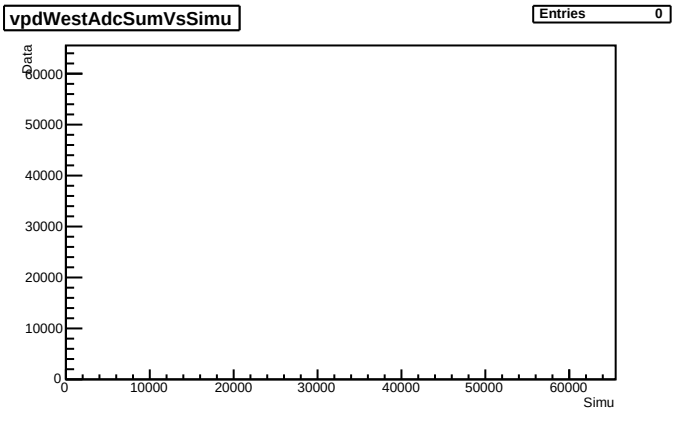
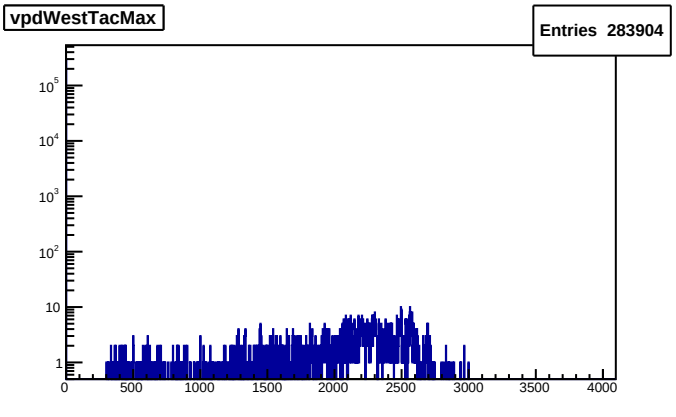
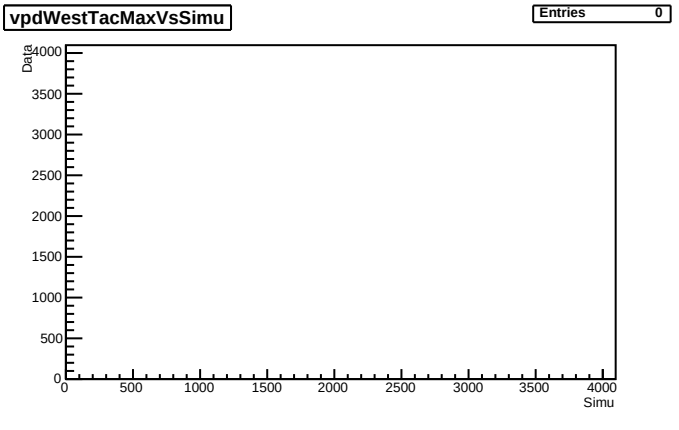
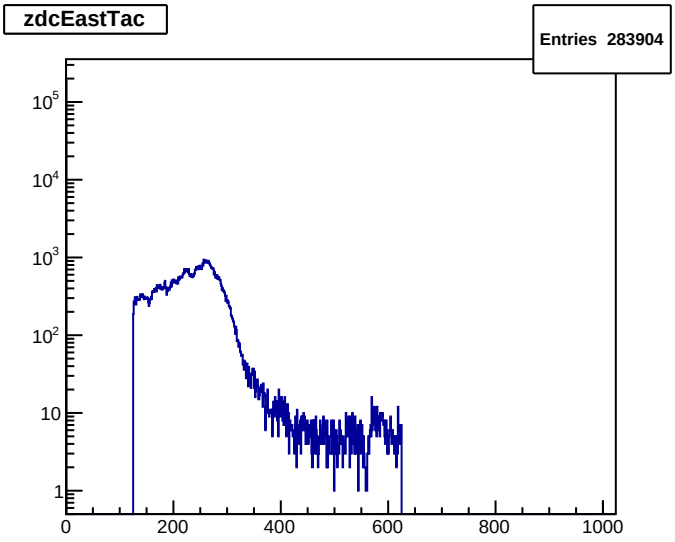
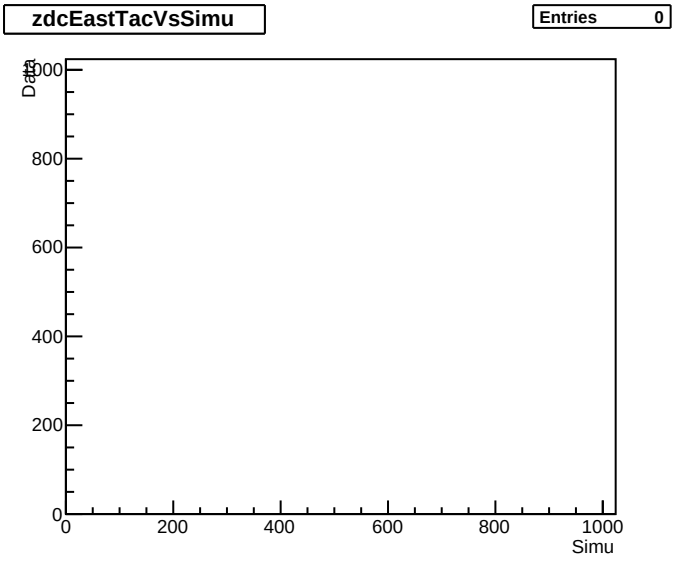
Entries 283904

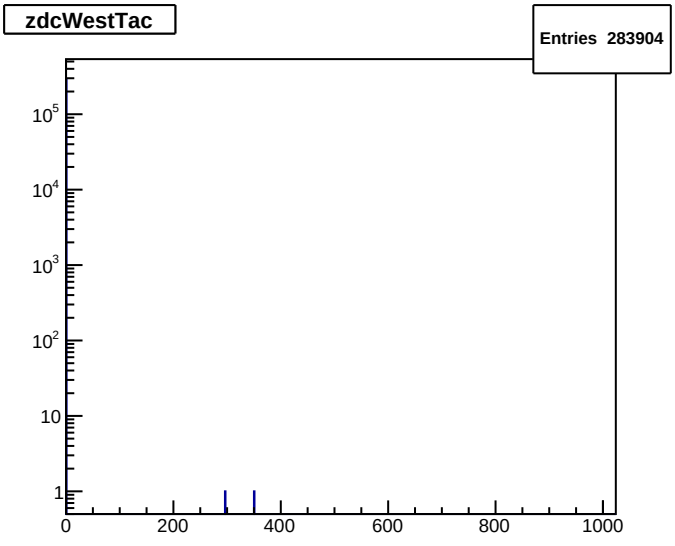

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

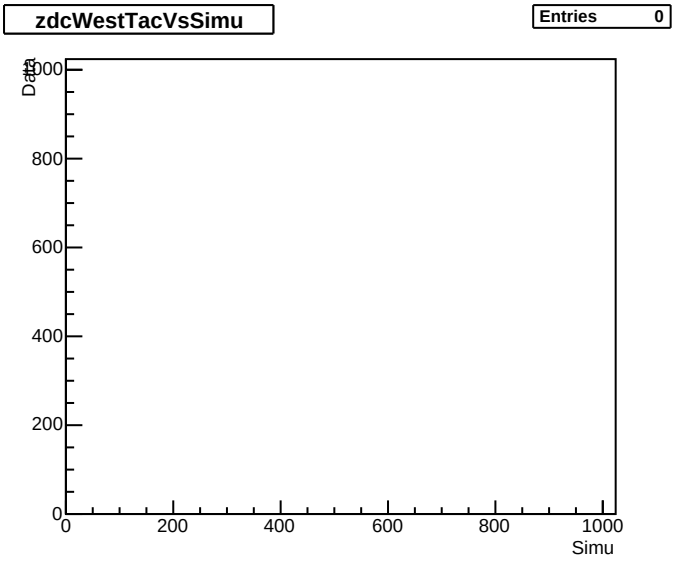

vpdWestTacMax
Entries 283904

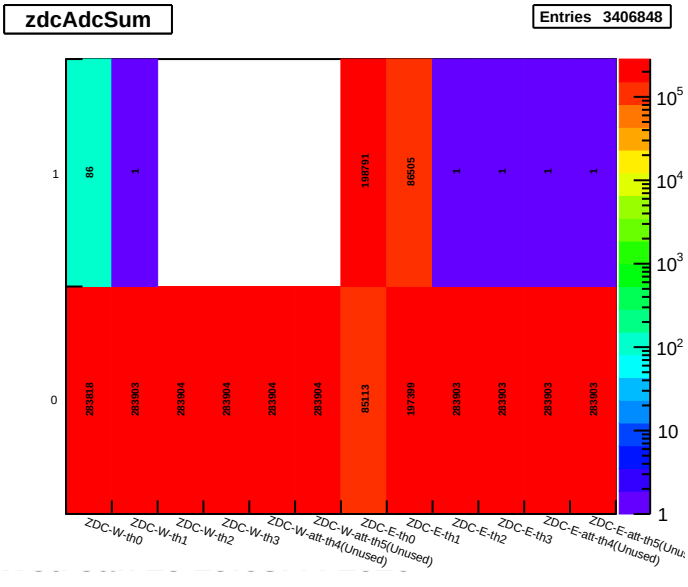

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

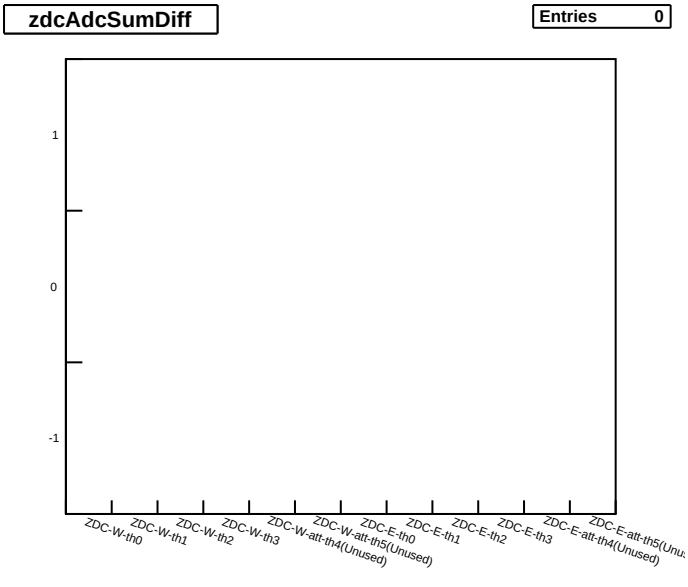

zdcEastTac
Entries 283904

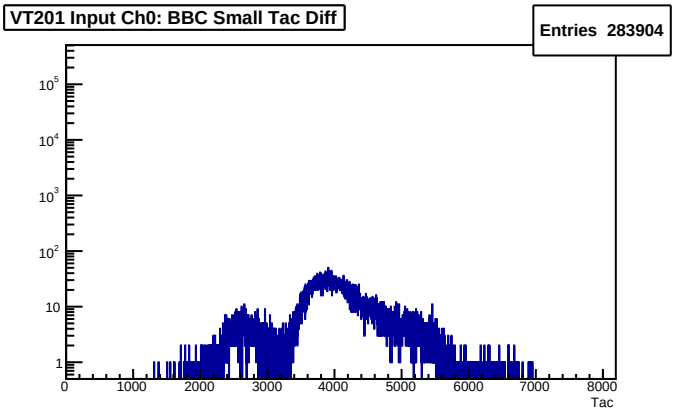

zdcEastTacVsSimu
Entries 0
Data
Simu

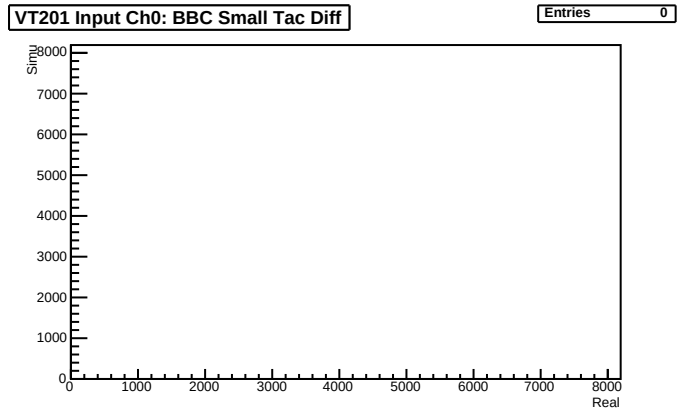

zdcWestTac
Entries 283904

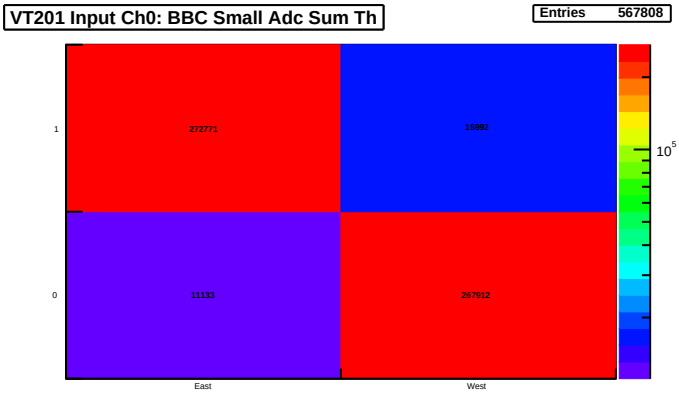

zdcWestTacVsSimu
Entries 0
Data
Simu

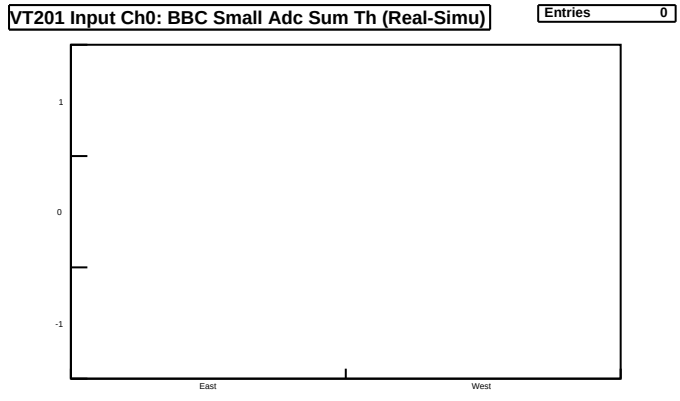

zdcAdcSum
Entries 3406848
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

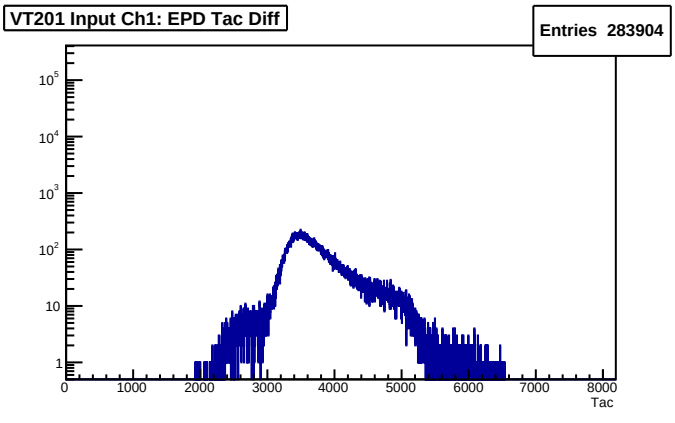

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

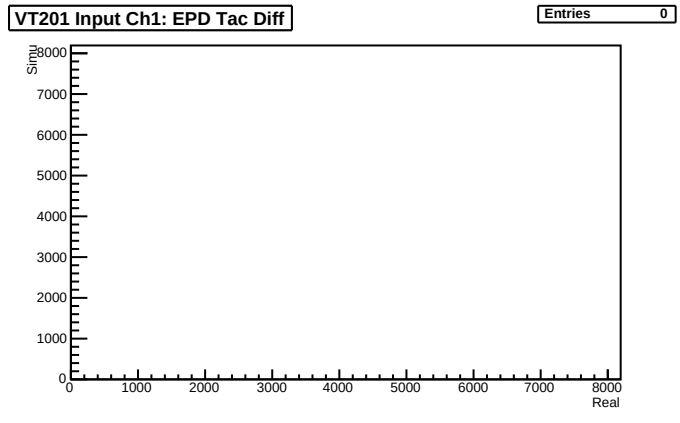

VT201 Input Ch0: BBC Small Tac Diff
Entries 283904
Tac

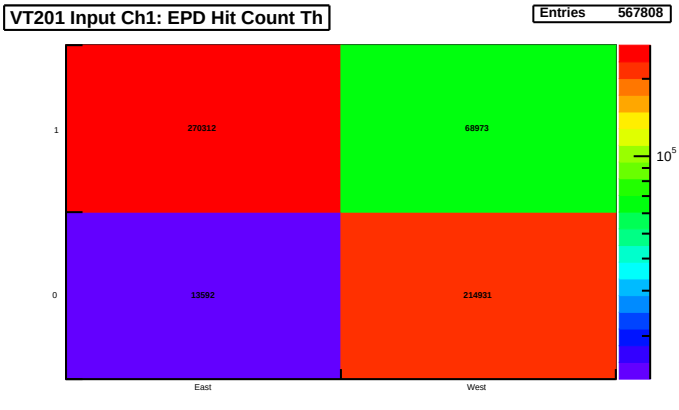

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

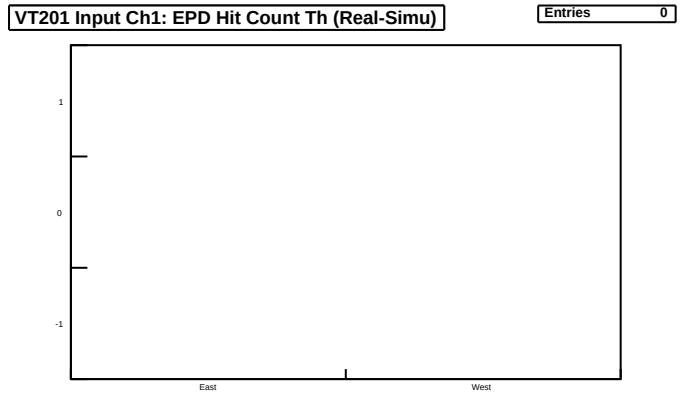

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 567808
272771
15992
11133
267912
East
West

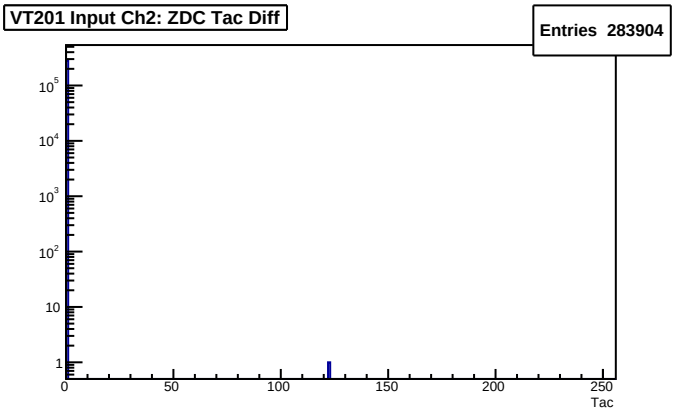

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

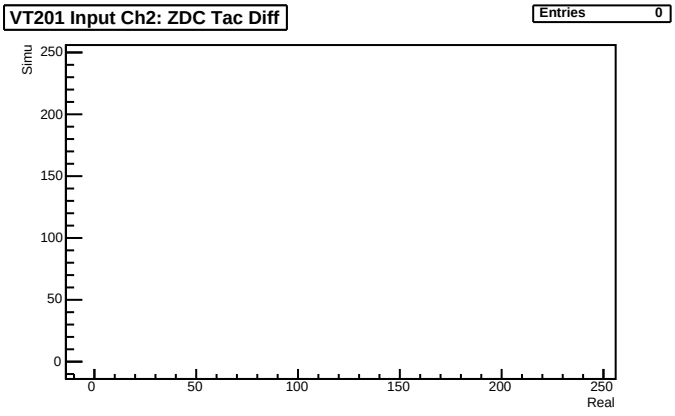

VT201 Input Ch1: EPD Tac Diff
Entries 283904
Tac

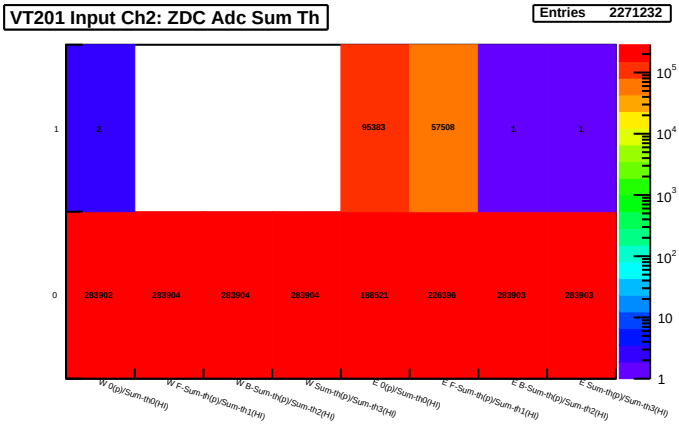

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

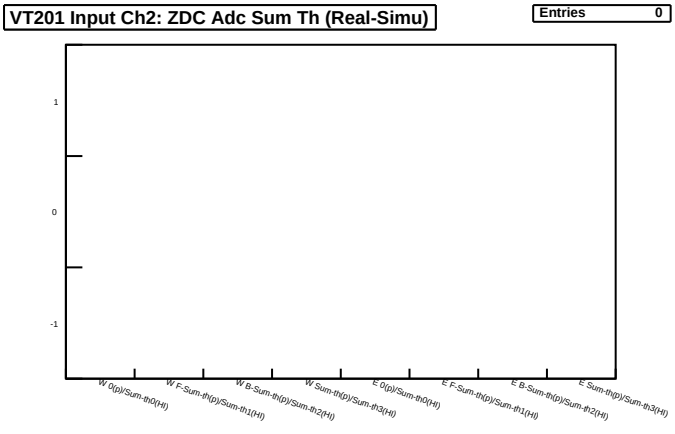

VT201 Input Ch1: EPD Hit Count Th
Entries 567808
270312
68973
13592
214931
East
West

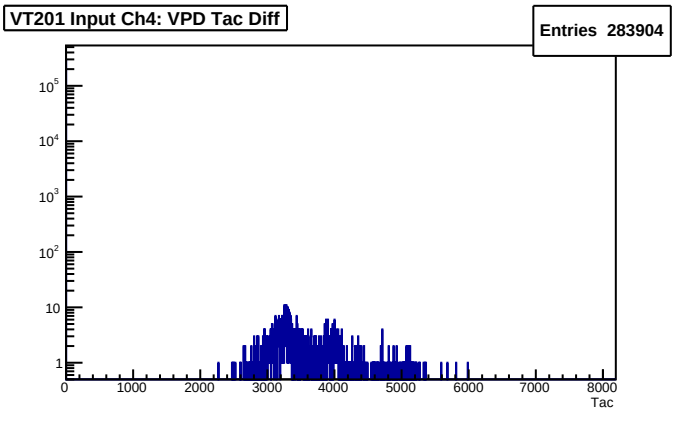

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

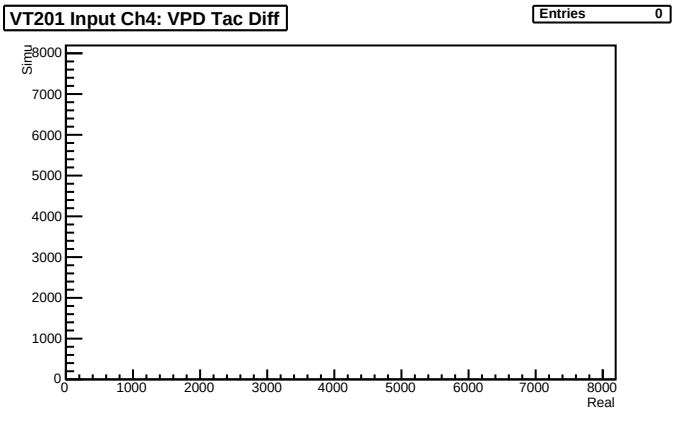

VT201 Input Ch2: ZDC Tac Diff
Entries 283904
Tac

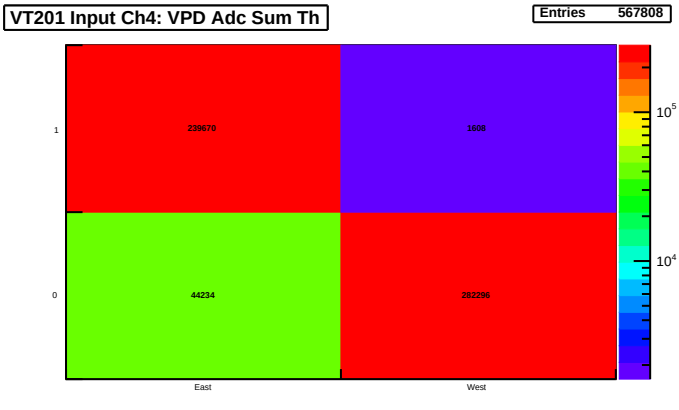

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

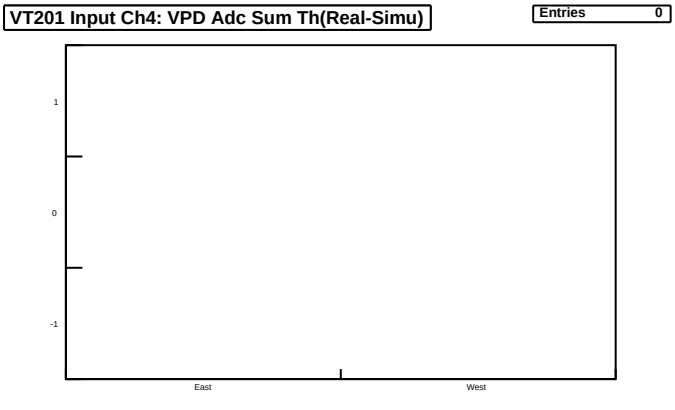

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2271232
2
95383
57508
1
1
283902
283904
283904
283904
188521
226396
283903
283903
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

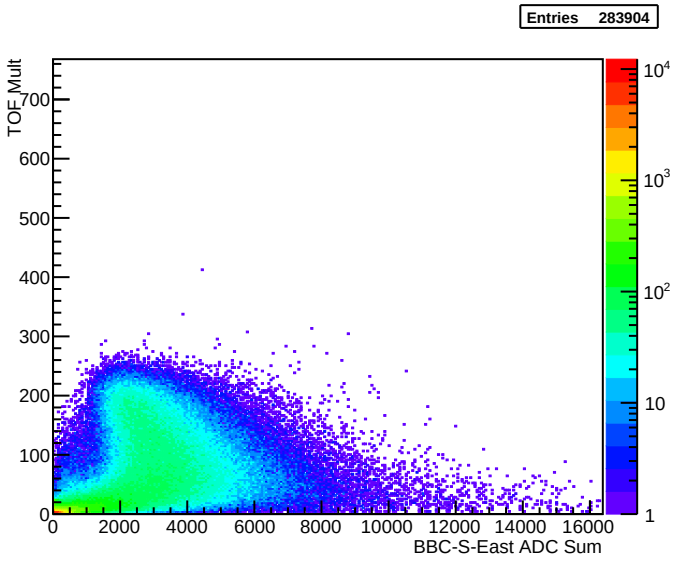

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

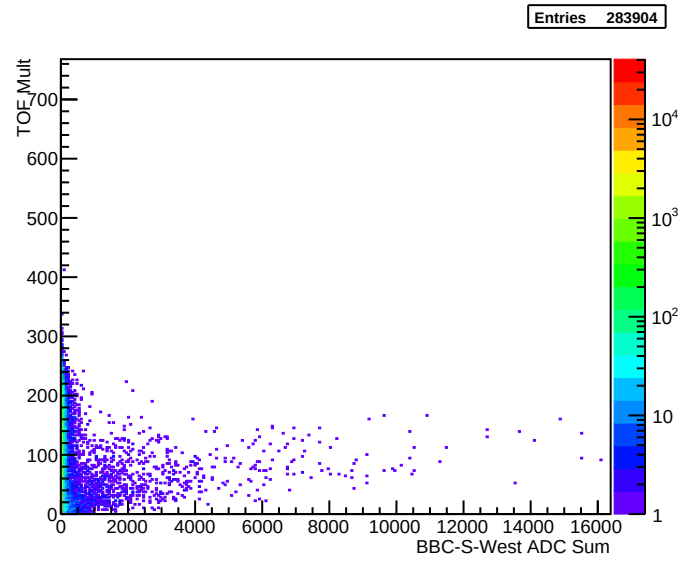

VT201 Input Ch4: VPD Tac Diff
Entries 283904
Tac

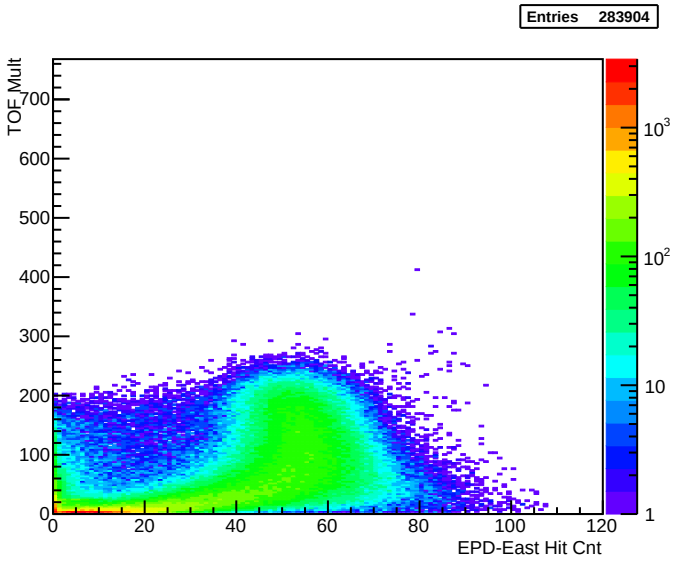

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

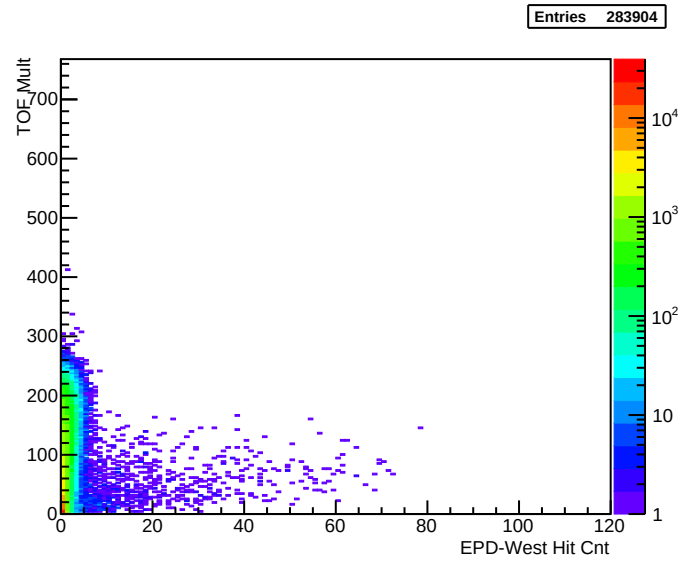

VT201 Input Ch4: VPD Adc Sum Th
Entries 567808
239670
1608
44234
282296
East
West

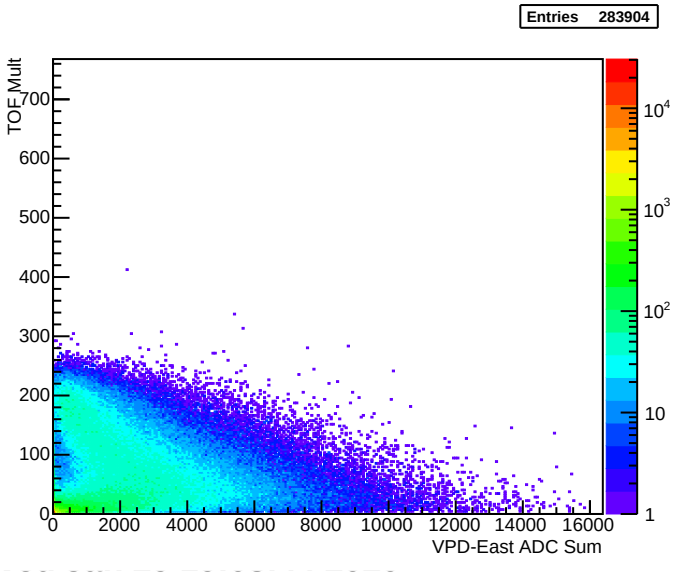

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

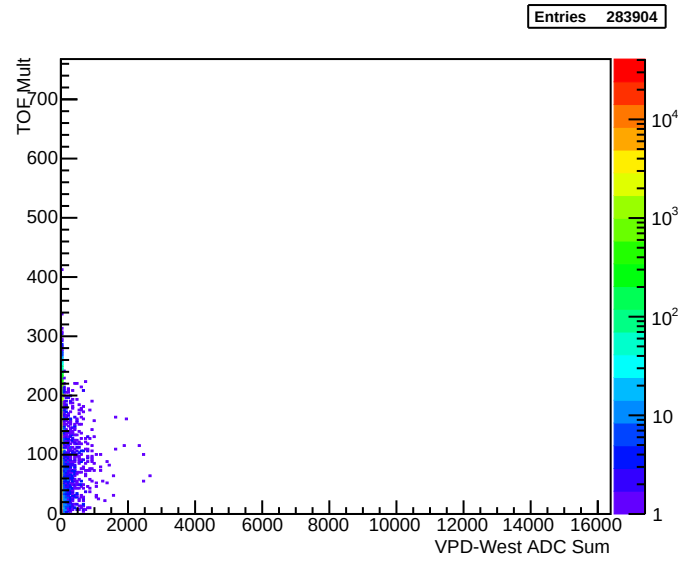

Entries 283904
TOF_Mult
BBC-S-East ADC Sum

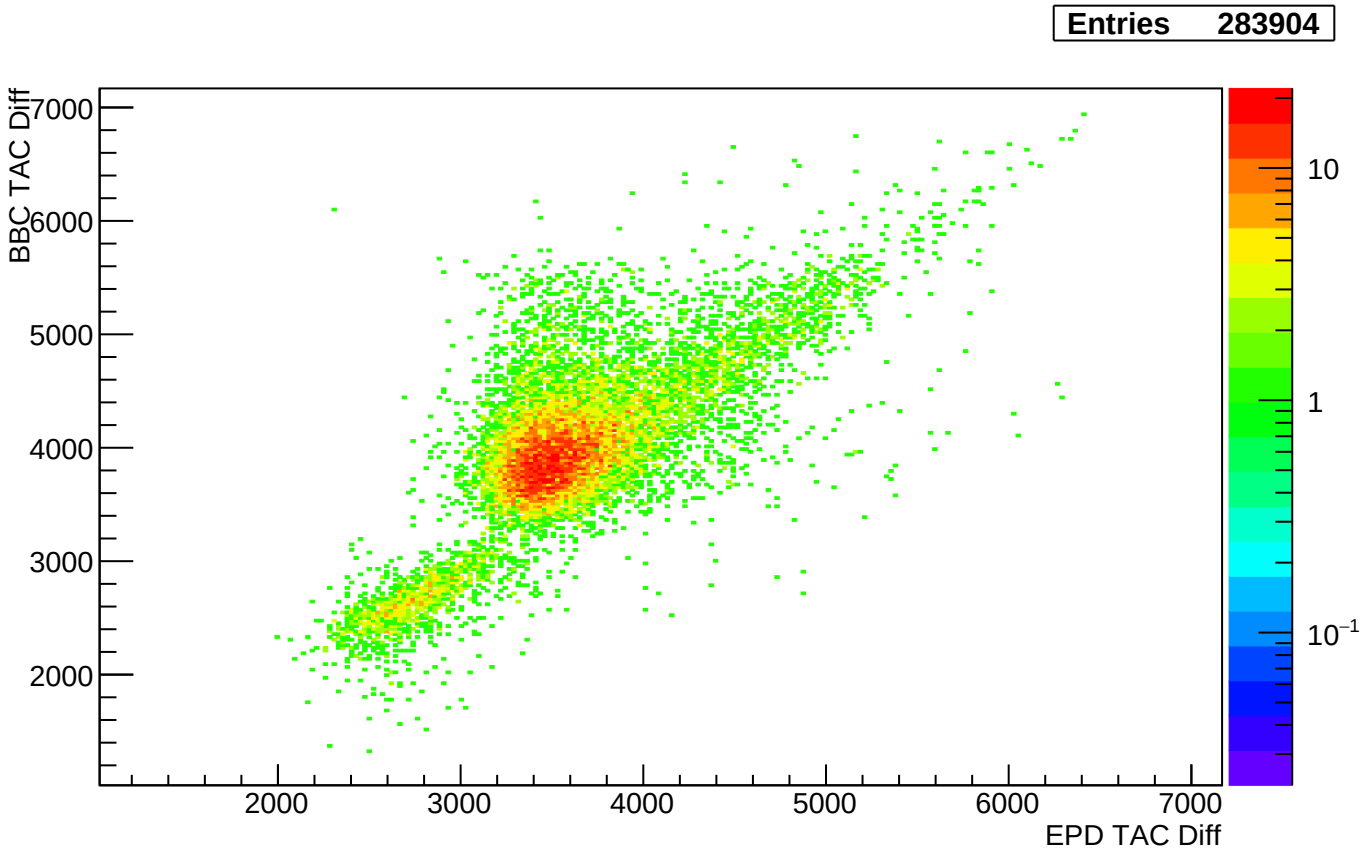

Entries 283904
TOF_Mult
BBC-S-West ADC Sum

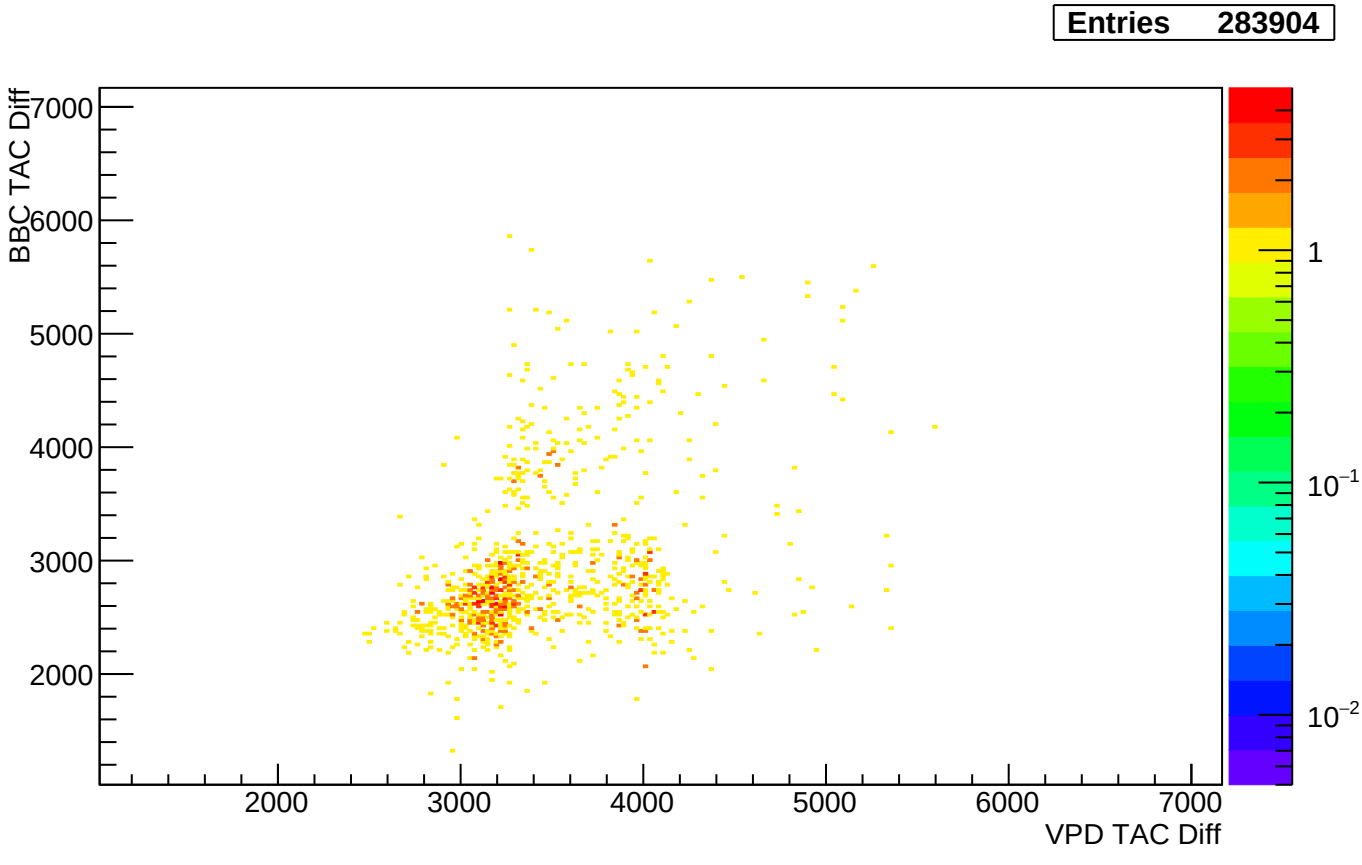

Entries 283904
TOF_Mult
EPD-East Hit Cnt

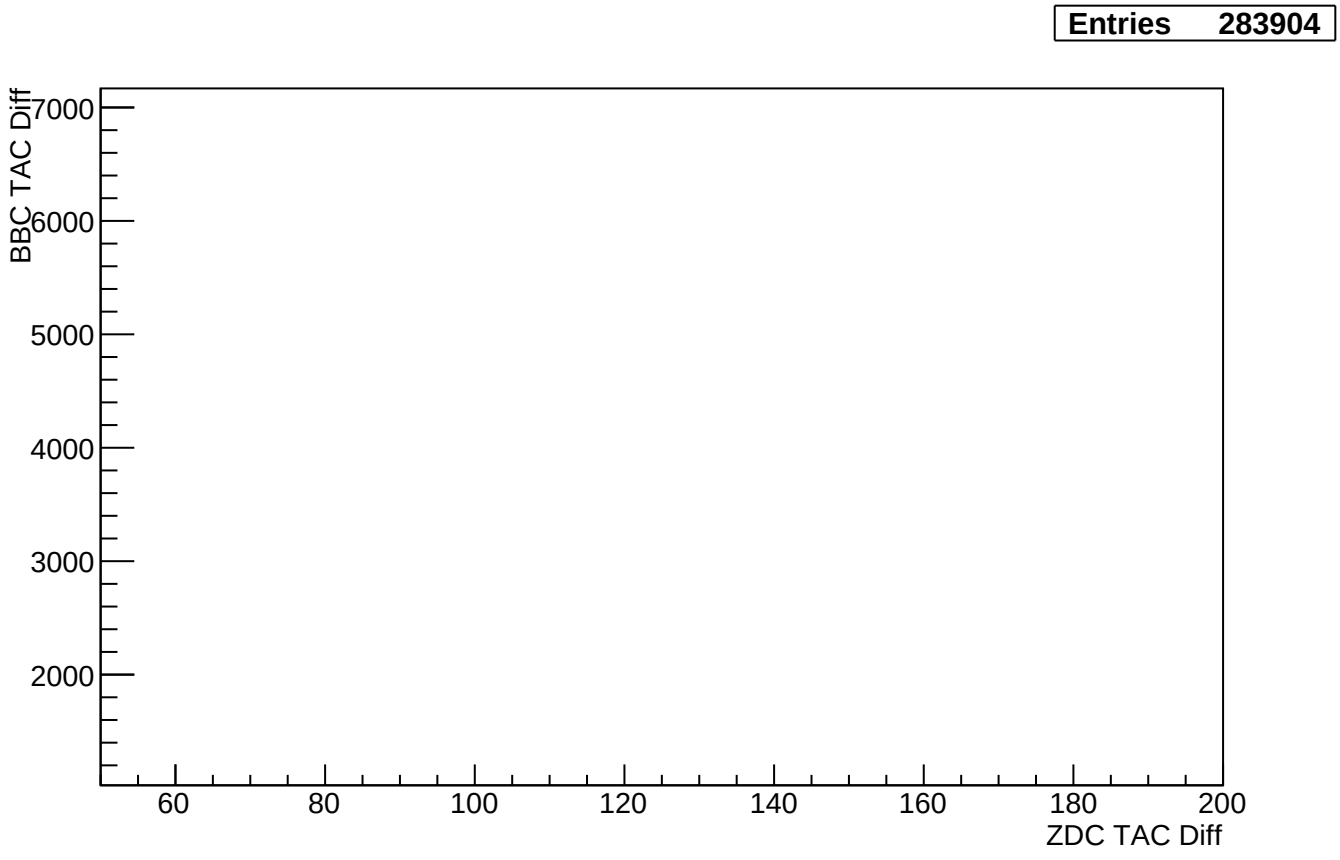

Entries 283904
TOF_Mult
EPD-West Hit Cnt

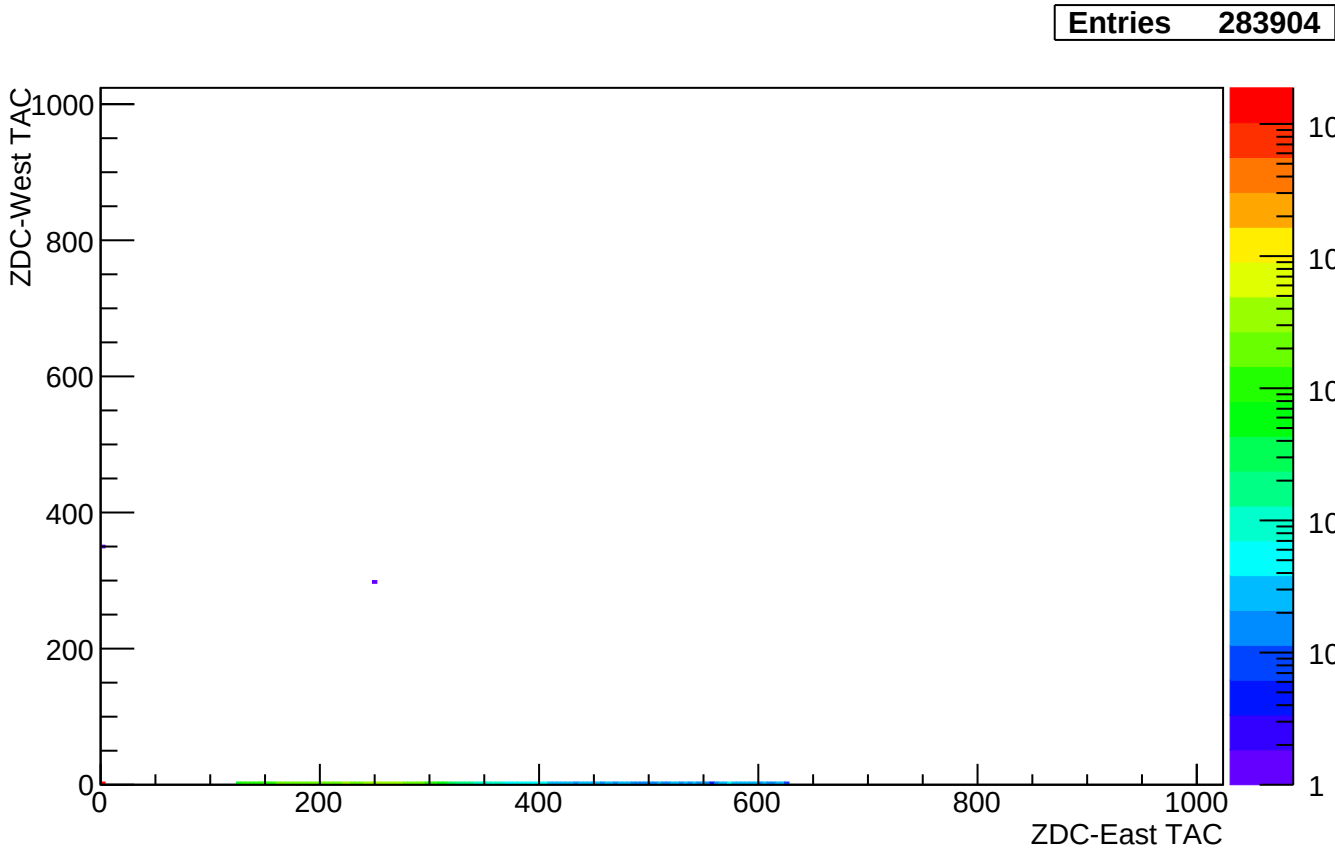

Entries 283904
TOF_Mult
VPD-East ADC Sum

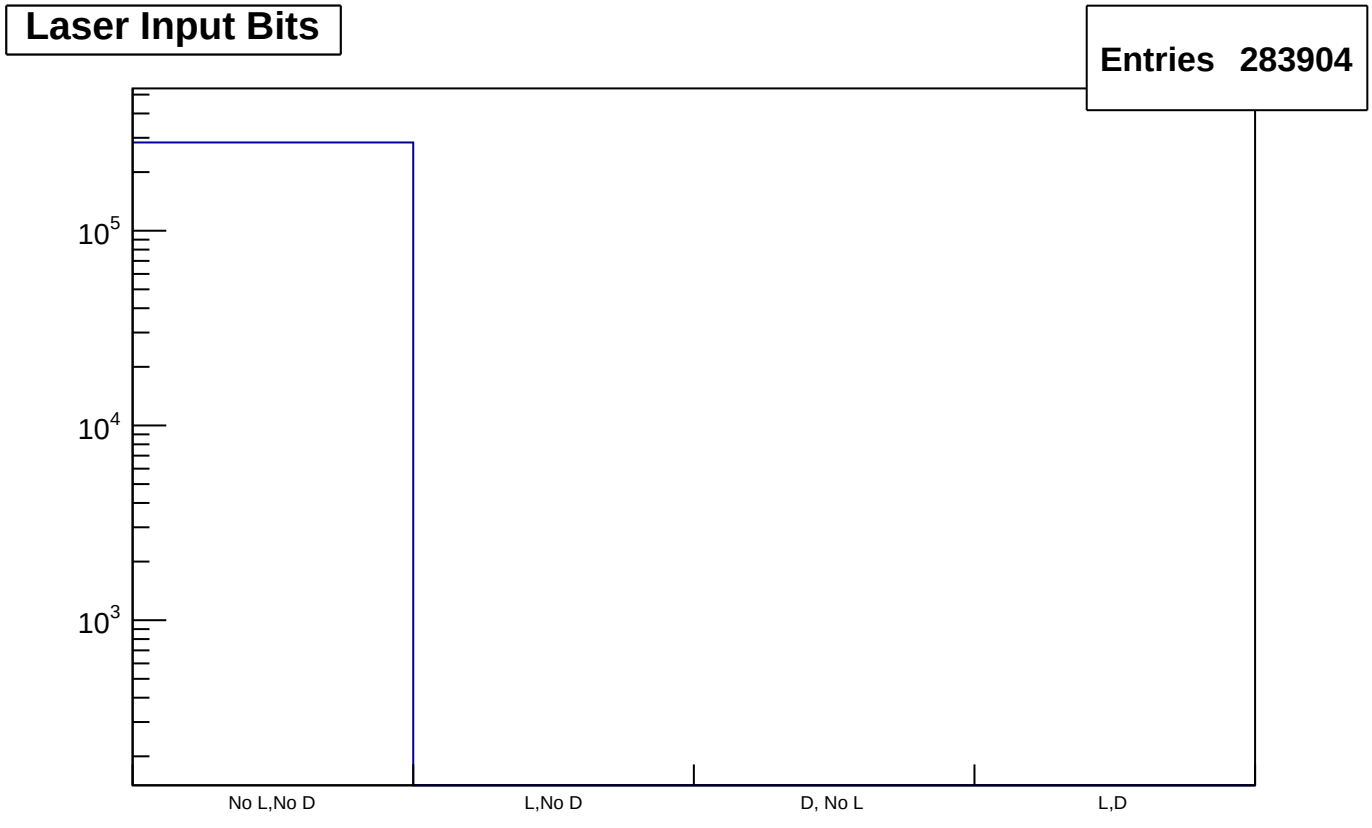

Entries 283904
TOF_Mult
VPD-West ADC Sum

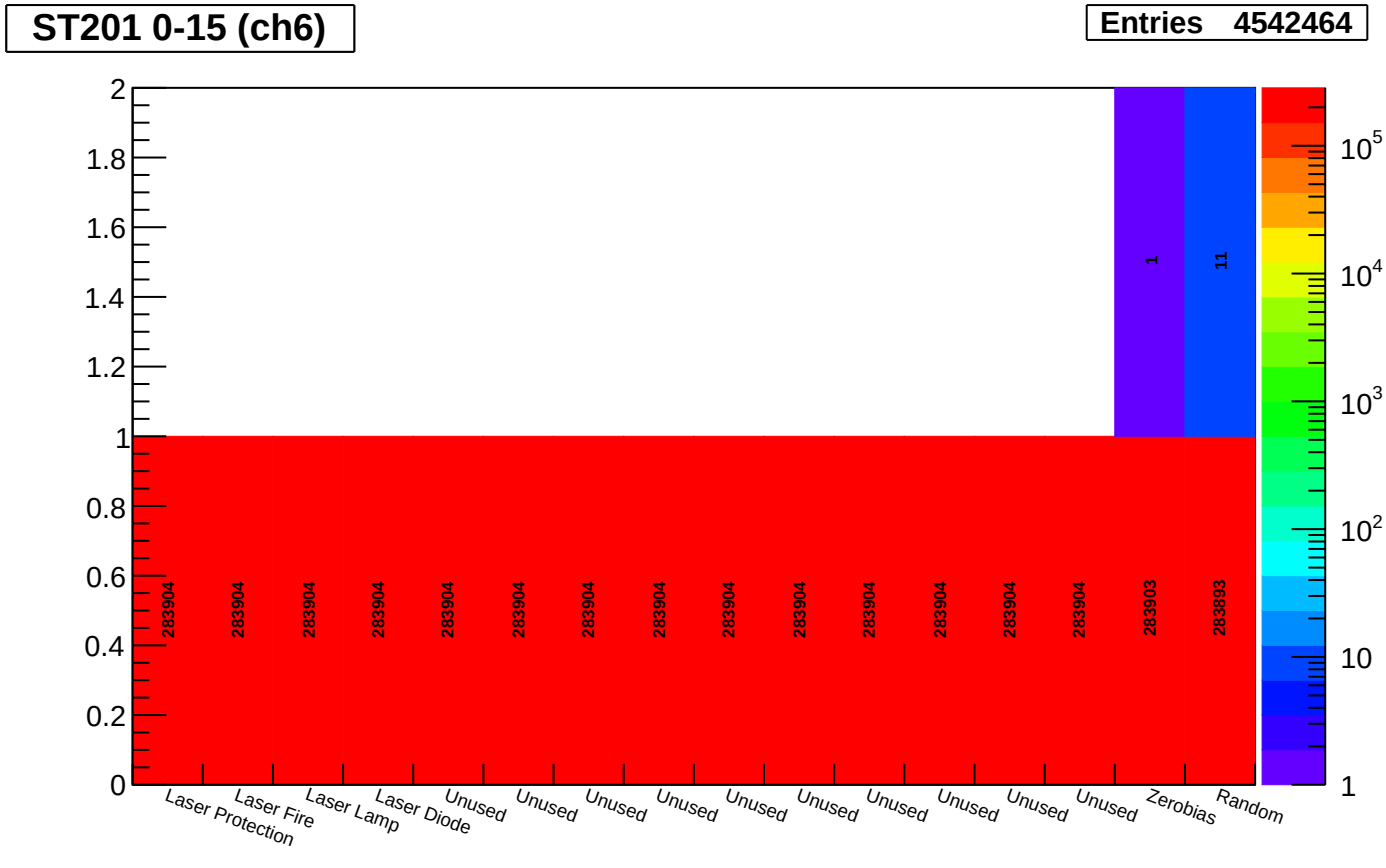

Entries 283904
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

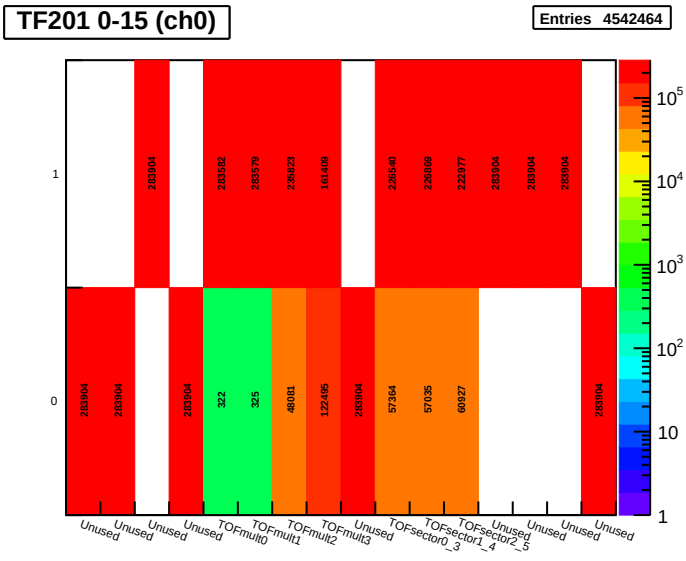

Entries 283904
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

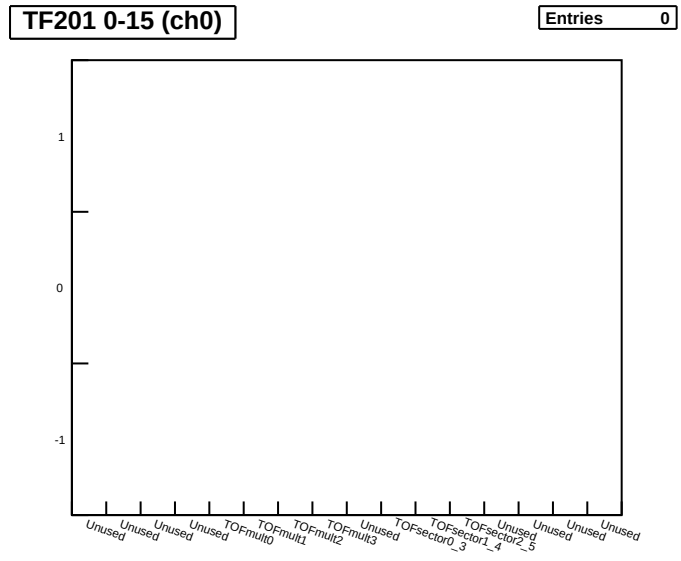

Entries 283904
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

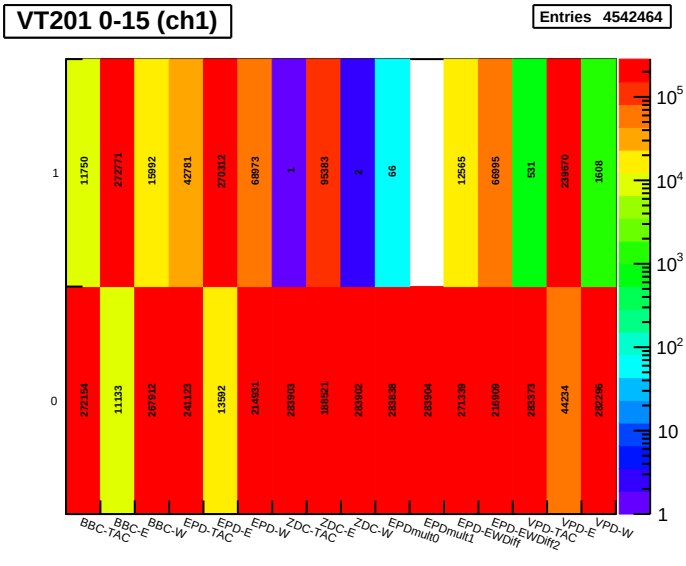

Entries 283904
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

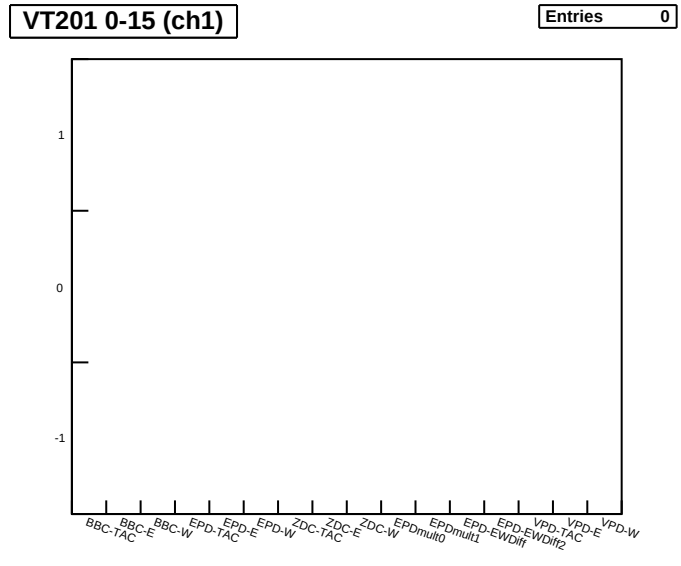

Laser Input Bits
Entries 283904
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

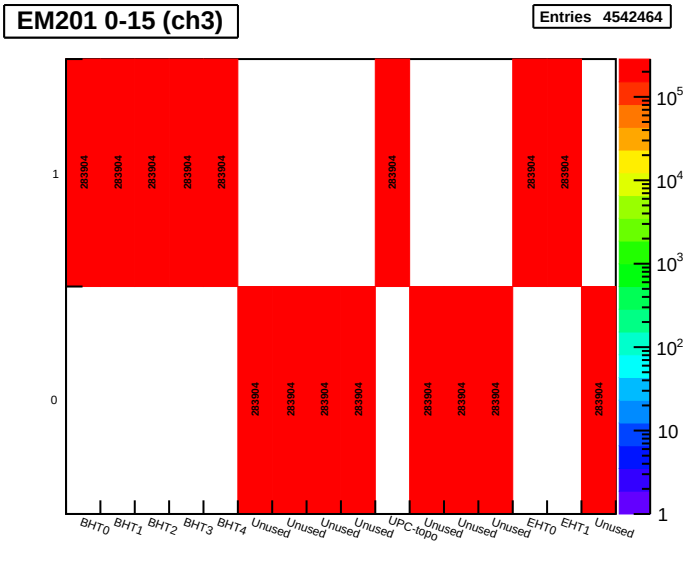

ST201 0-15 (ch6)
Entries 4542464
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
283904
283904
283904
283904
283904
283904
283904
283904
283904
283904
283904
283904
283904
283904
283903
283893
1
11
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

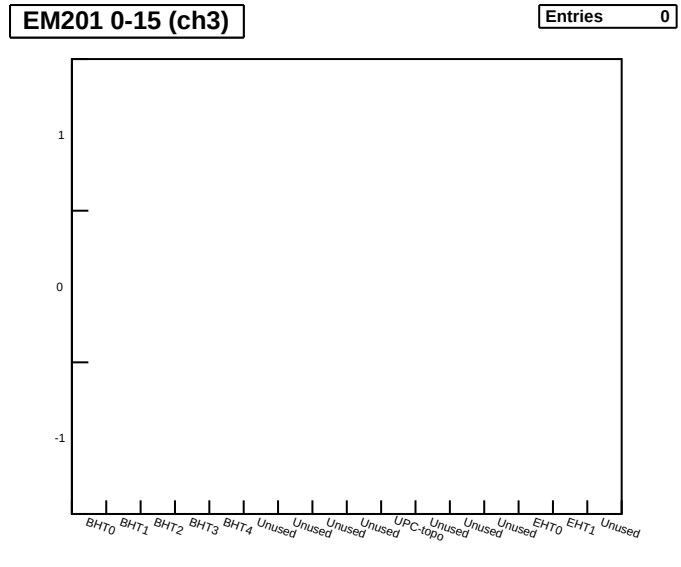

TF201 0-15 (ch0)
Entries 4542464
1
0
283904 283904 283904 322 325 48081 122495 283904 57364 57035 60927 283904
283904 283582 283579 235823 161409 226540 226869 222977 283904 283904 283904
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused 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 4542464
1
0
11750 272771 15992 42781 270312 68973 1 95383 2 66 12565 66995 531 239670 1608
272154 11133 267912 241123 13992 214931 283903 188521 283902 283838 283904 271339 216909 283373 44234 283296
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 4542464
1
0
283904 283904 283904 283904 283904 283904 283904 283904
283904 283904 283904 283904 283904 283904 283904 283904
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