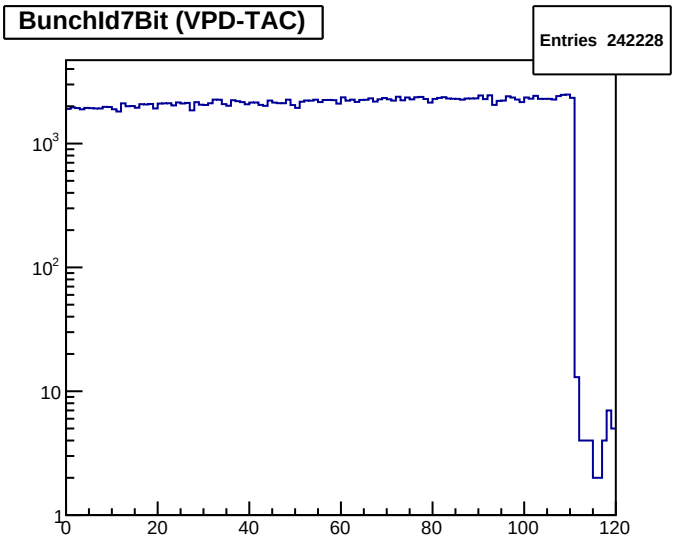
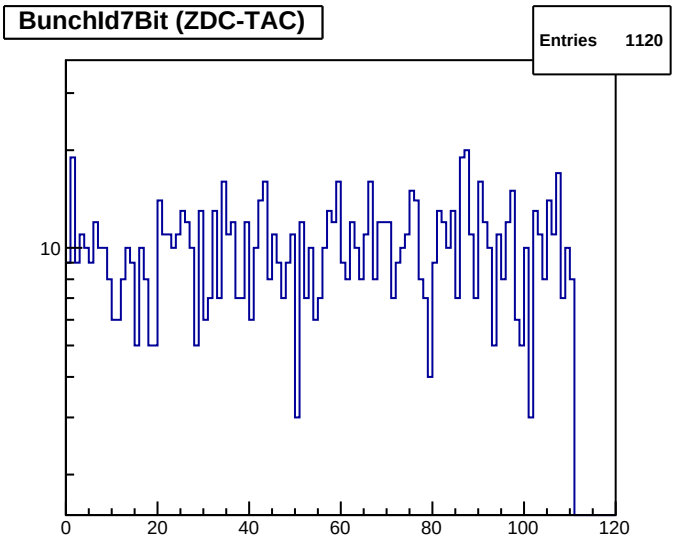
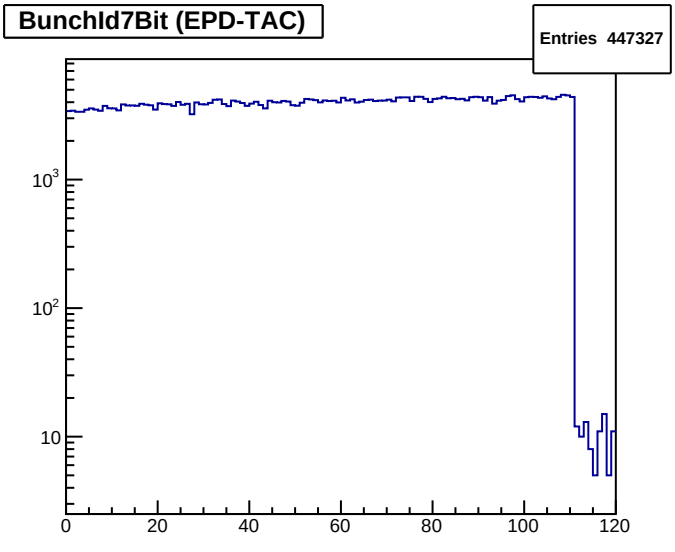
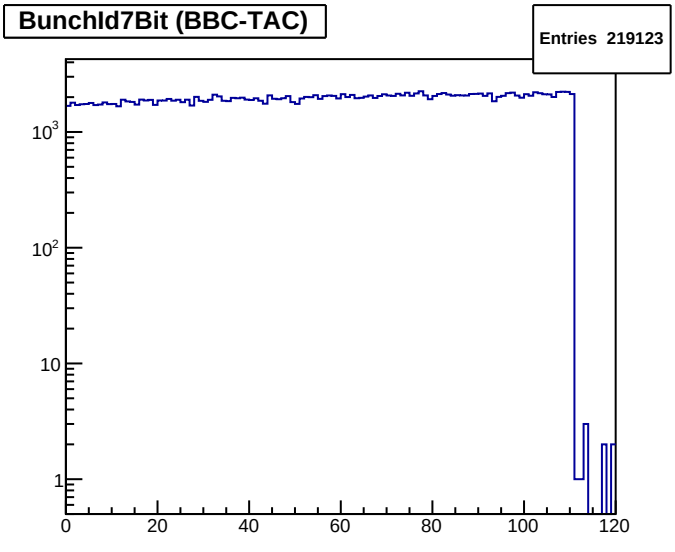
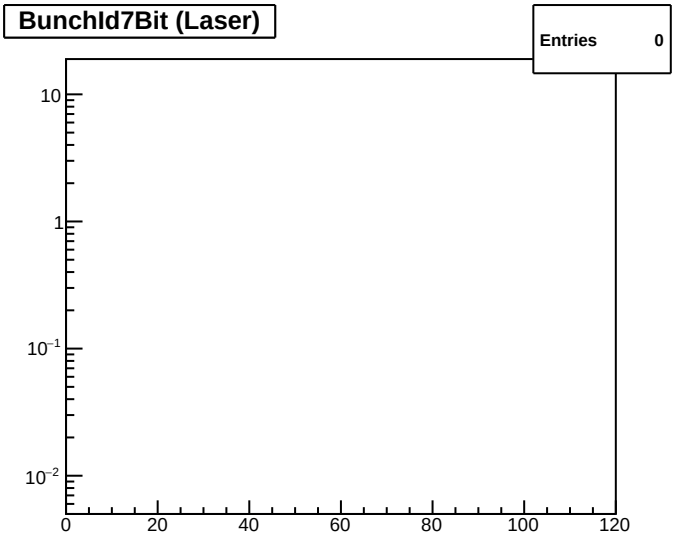
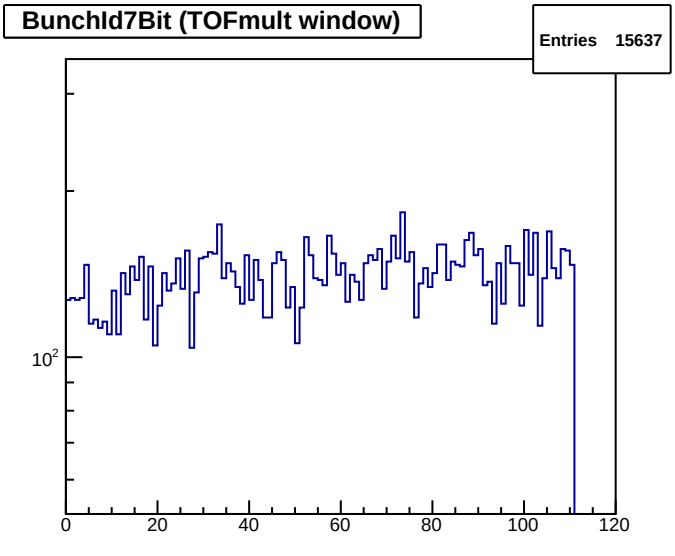

BunchId7Bit (VPD-TAC)
Entries 242228

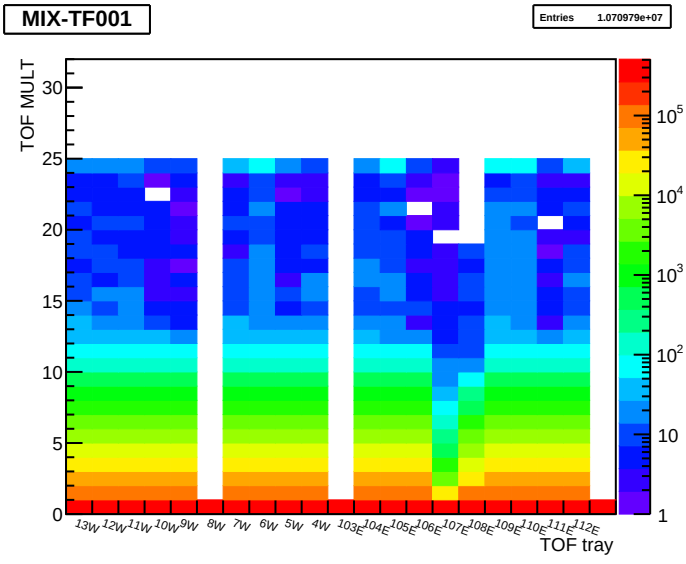

BunchId7Bit (ZDC-TAC)
Entries 1120

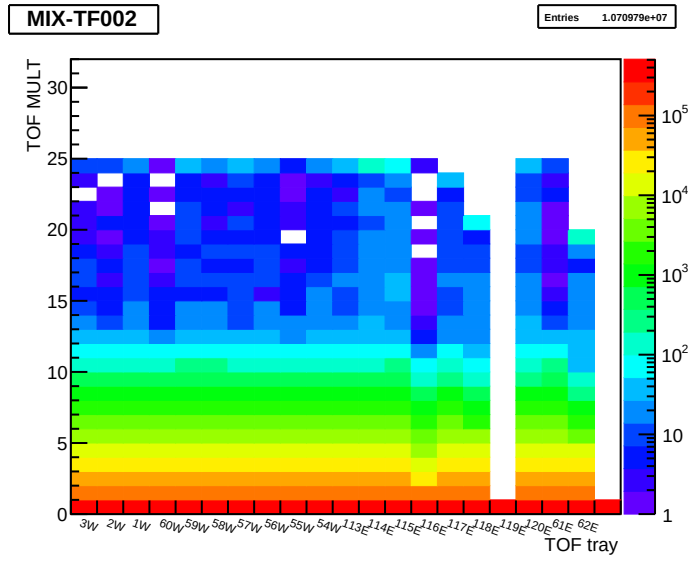

BunchId7Bit (EPD-TAC)
Entries 447327

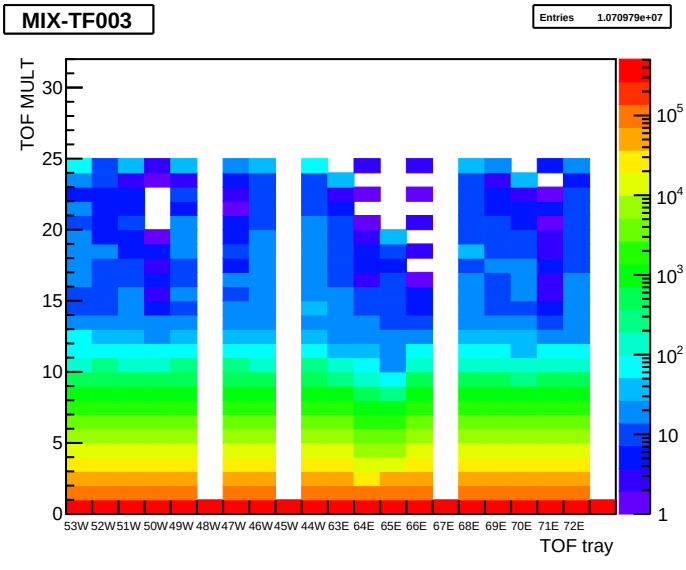

BunchId7Bit (BBC-TAC)
Entries 219123

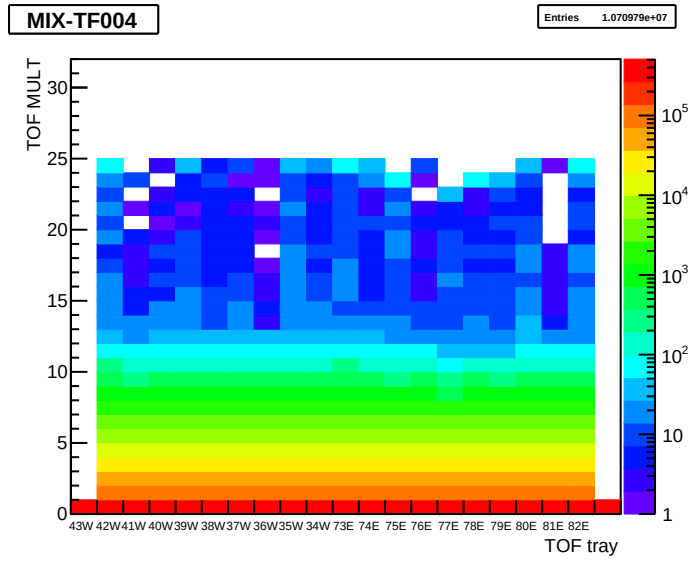

BunchId7Bit (Laser)
Entries 0

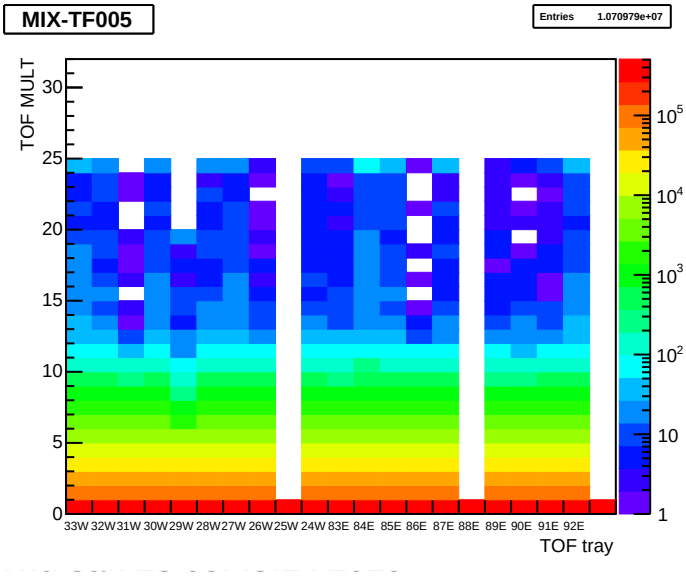

BunchId7Bit (TOFmult window)
Entries 15637

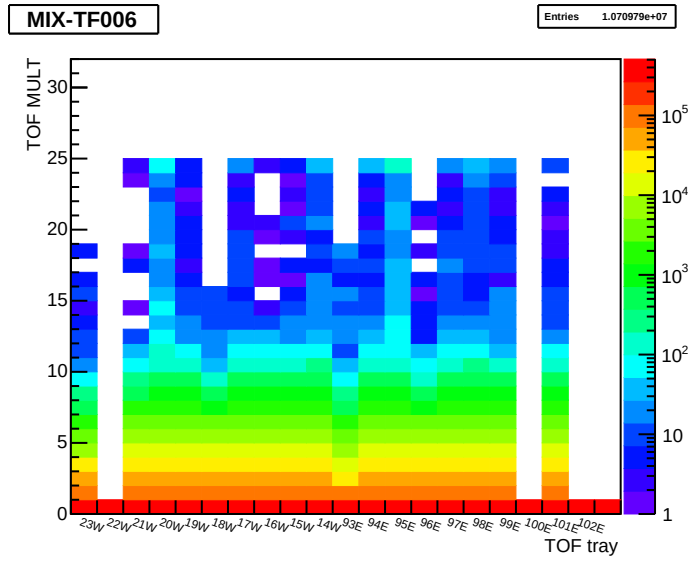

MIX-TF001
Entries 1.070979e+07
TOF MULT
TOF tray

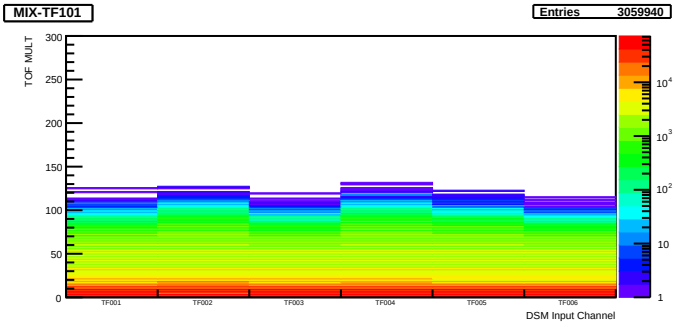

MIX-TF002
Entries 1.070979e+07
TOF MULT
TOF tray

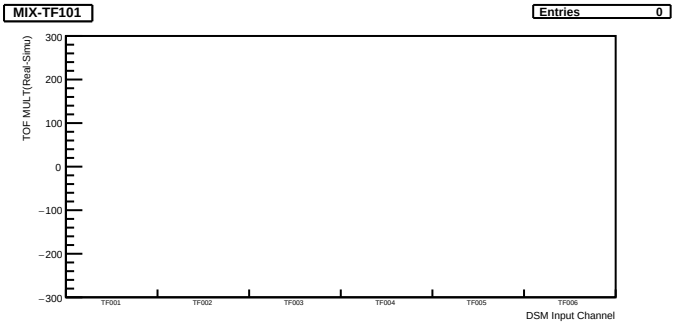

MIX-TF003
Entries 1.070979e+07
TOF MULT
TOF tray

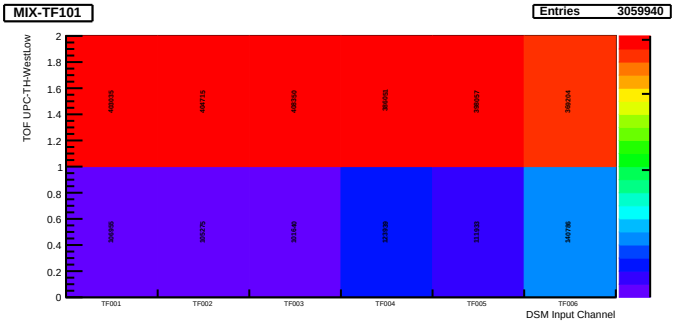

MIX-TF004
Entries 1.070979e+07
TOF MULT
TOF tray

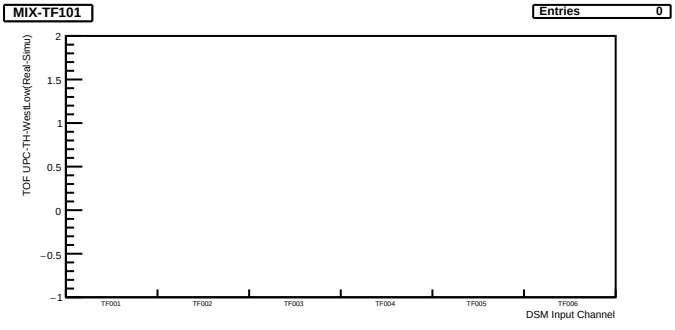

MIX-TF005
Entries 1.070979e+07
TOF MULT
TOF tray

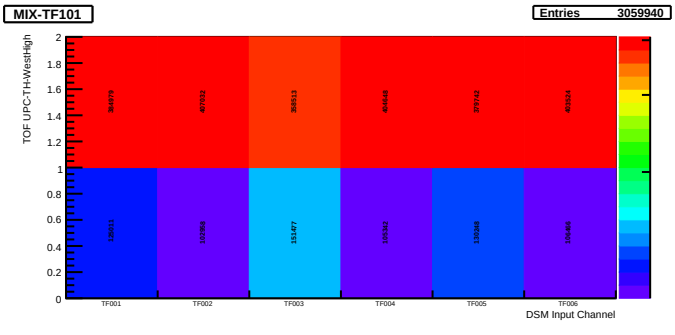

MIX-TF006
Entries 1.070979e+07
TOF MULT
TOF tray

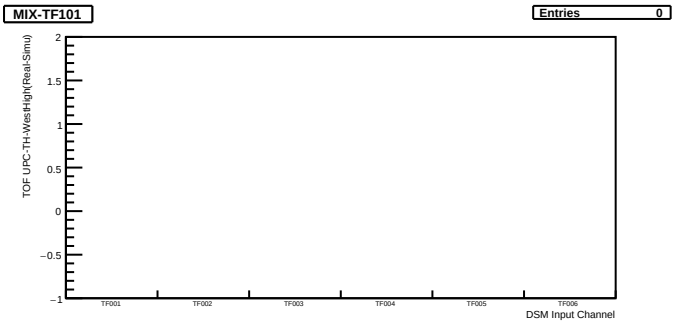

MIX-TF101
Entries 3059940
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

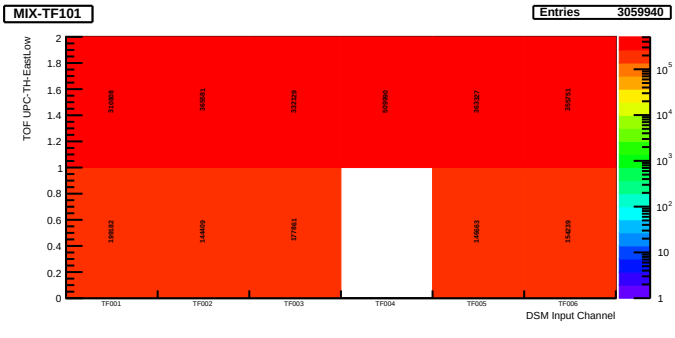

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

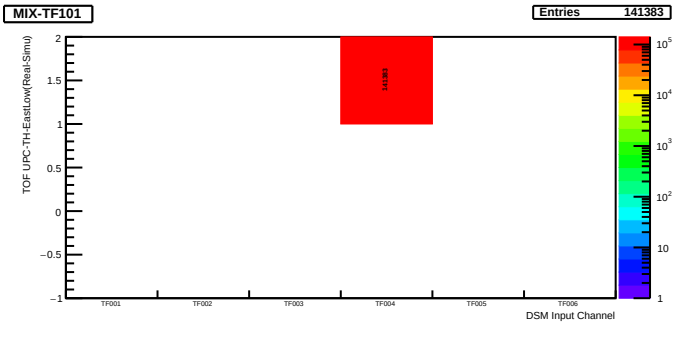

MIX-TF101
Entries 3059940
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

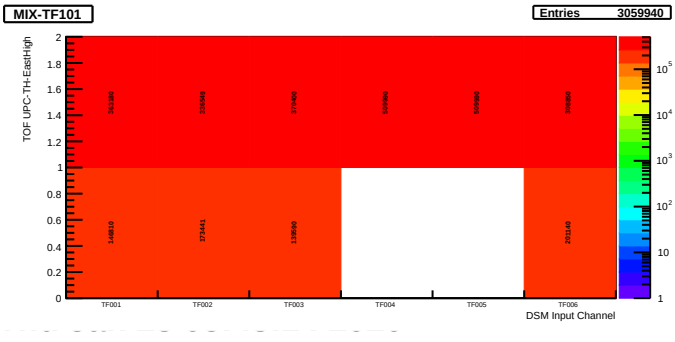

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

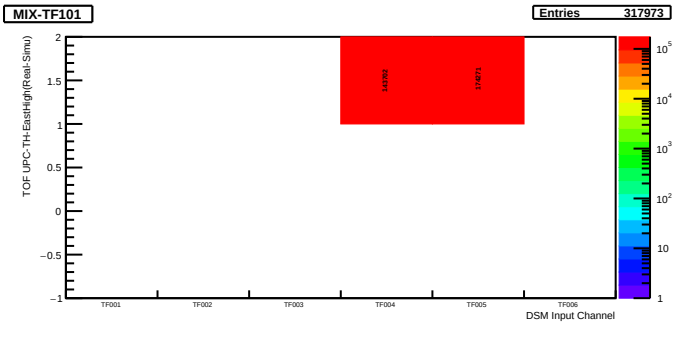

MIX-TF101
Entries 3059940
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

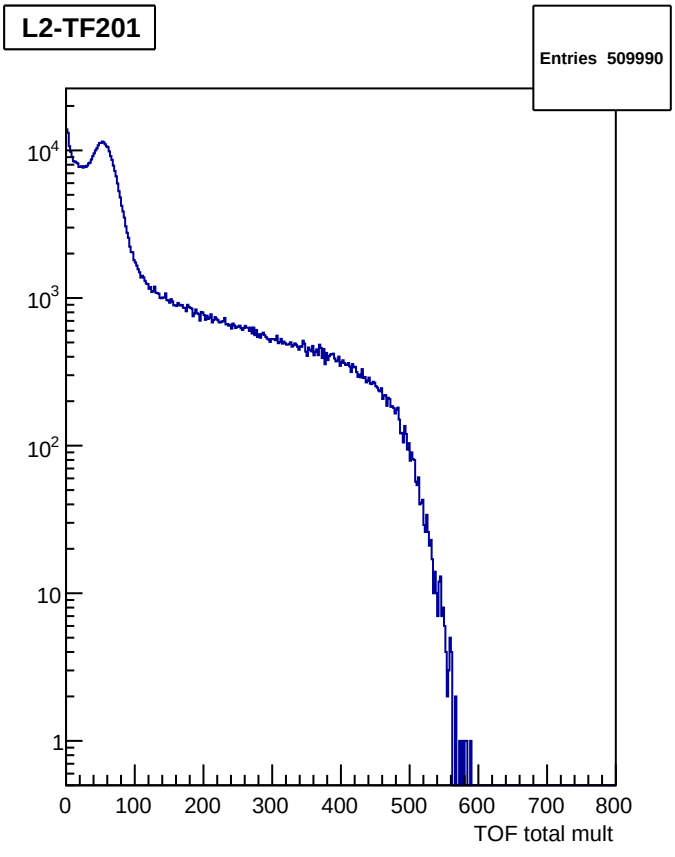

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

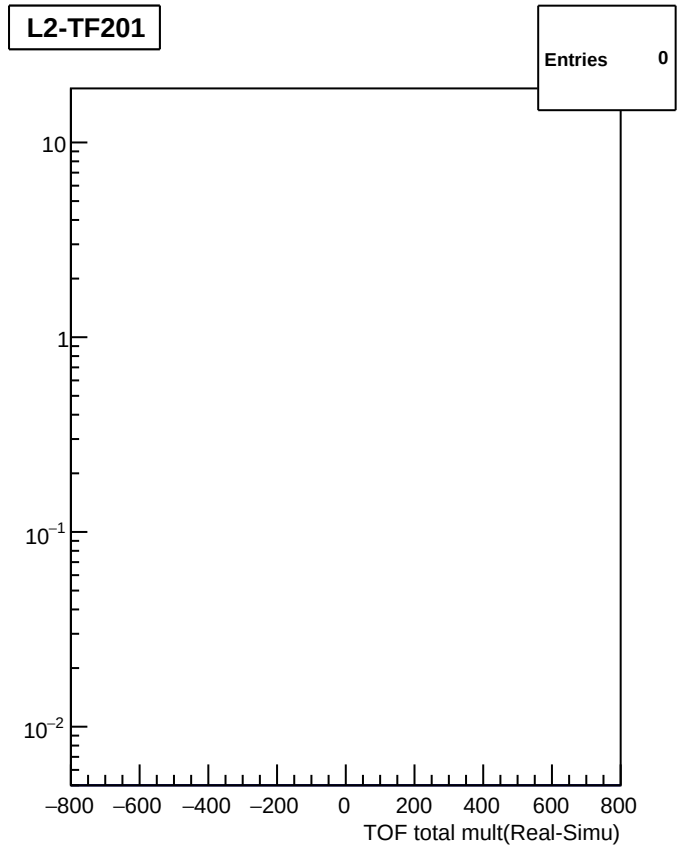

MIX-TF101
Entries 3059940
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

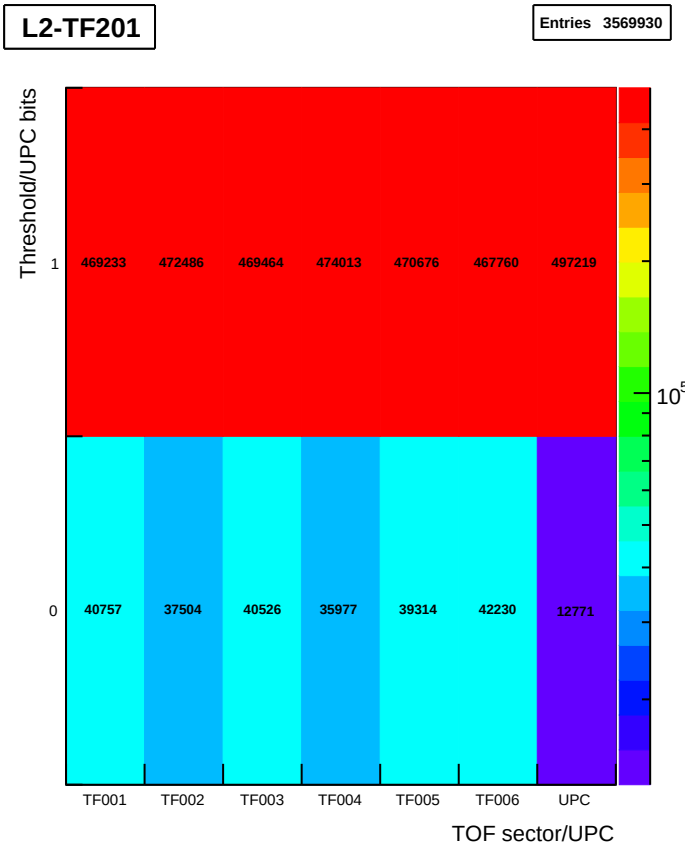

MIX-TF101
Entries 141383
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

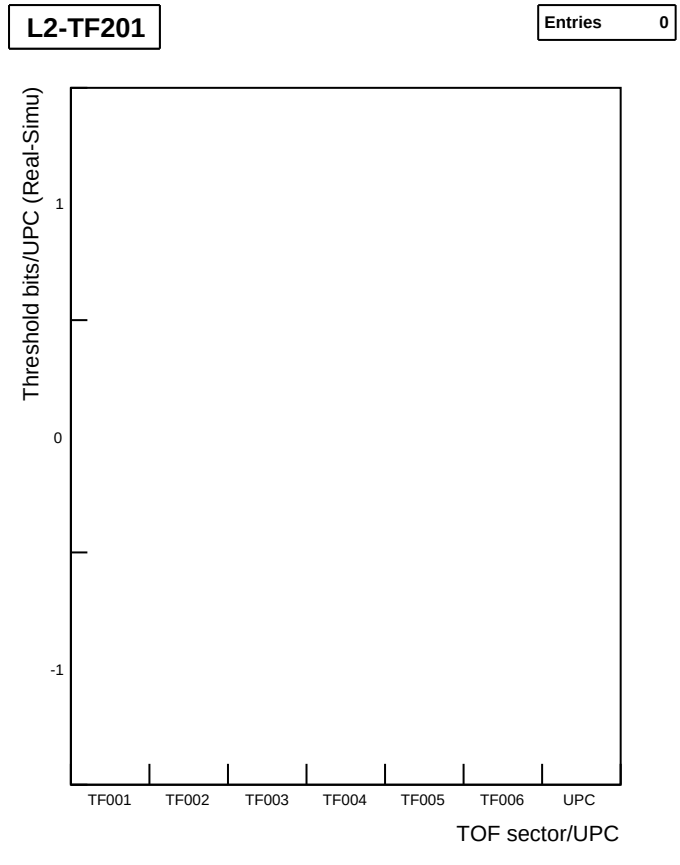

MIX-TF101
Entries 3059940
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

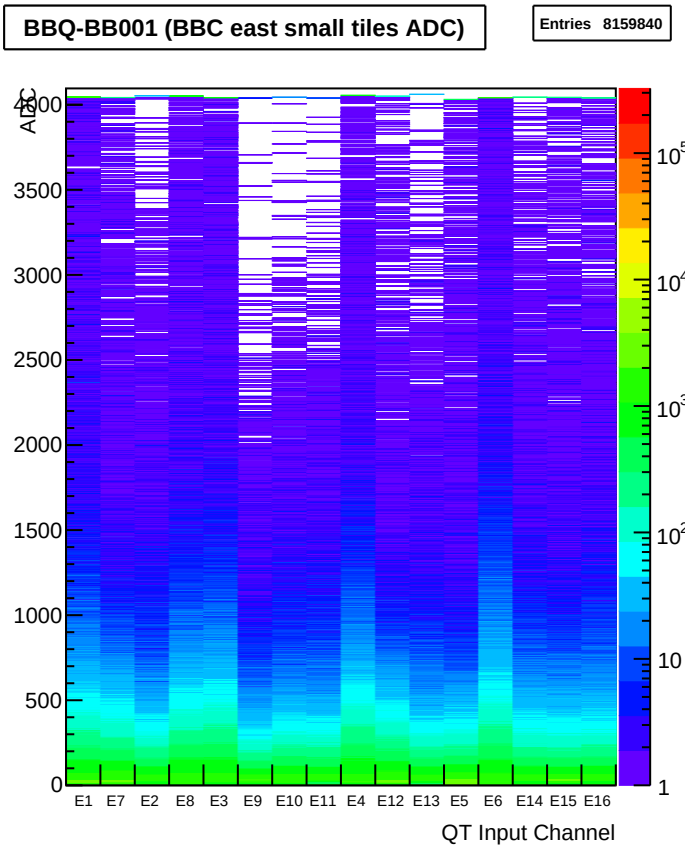

MIX-TF101
Entries 317973
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

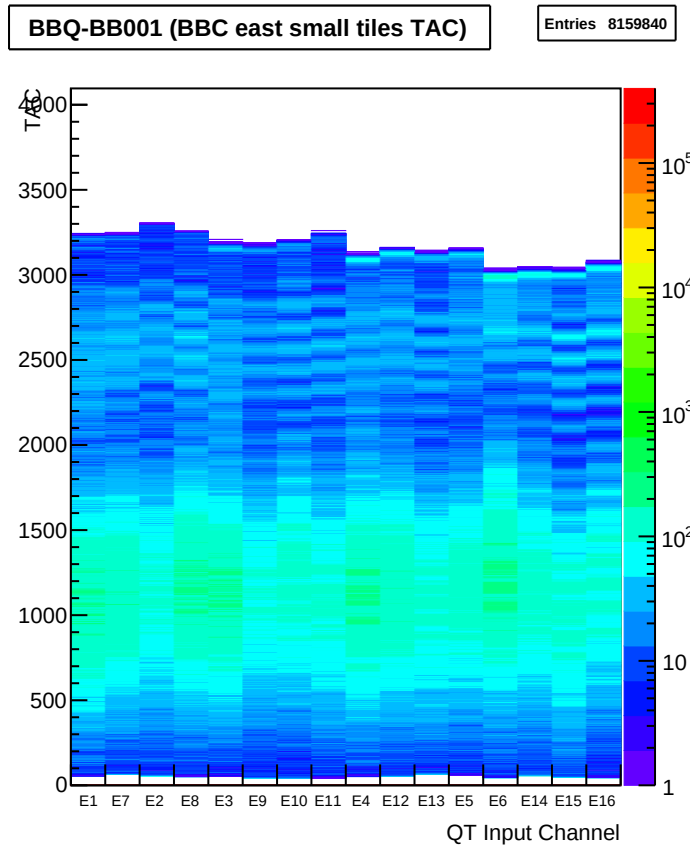

L2-TF201
Entries 509990
TOF total mult

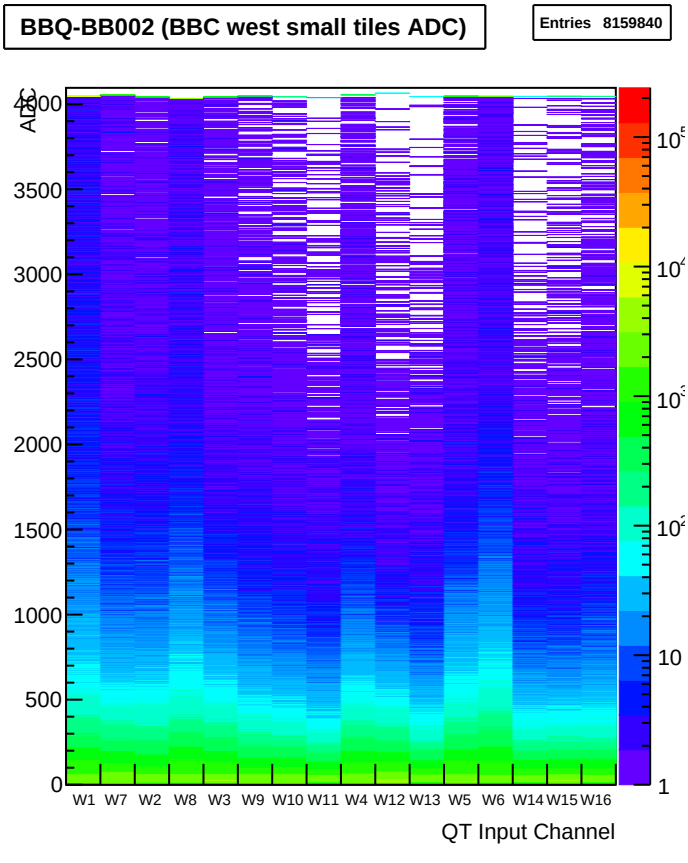

L2-TF201
Entries 0
TOF total mult(Real-Simu)

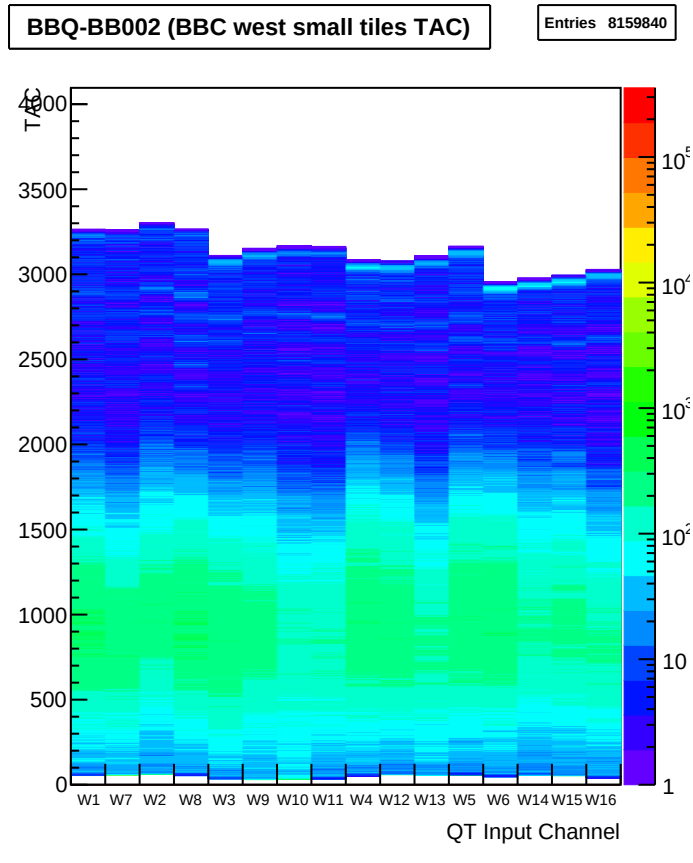

L2-TF201
Entries 3569930
Threshold/UPC bits
469233
472486
469464
474013
470676
467760
497219
40757
37504
40526
35977
39314
42230
12771
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

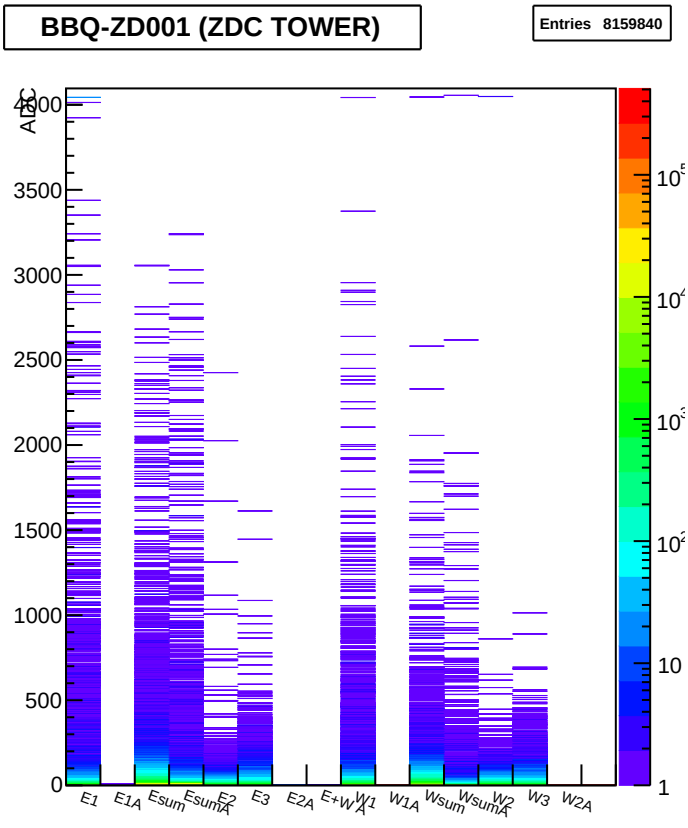

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

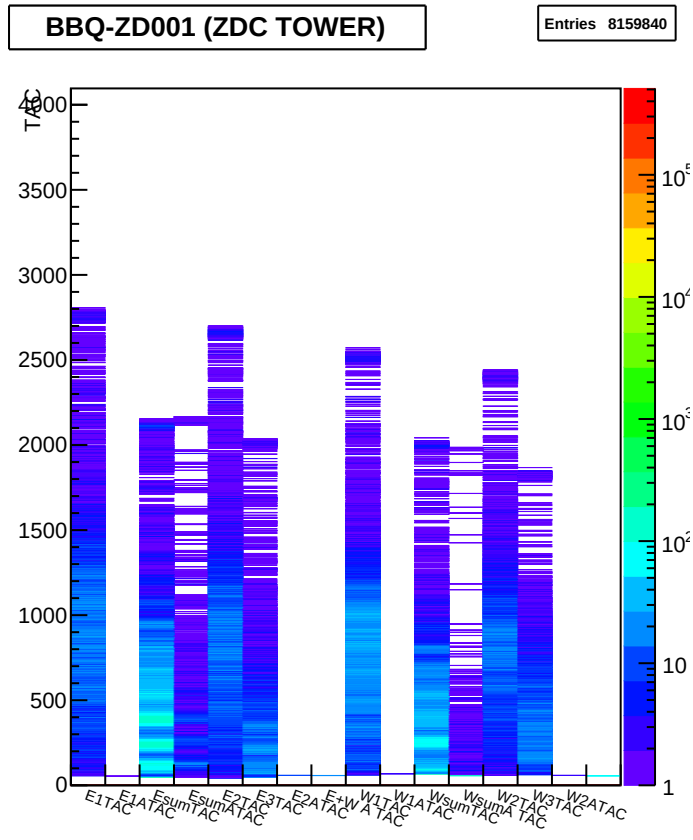

BBQ-BB001 (BBC east small tiles ADC)
Entries 8159840
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

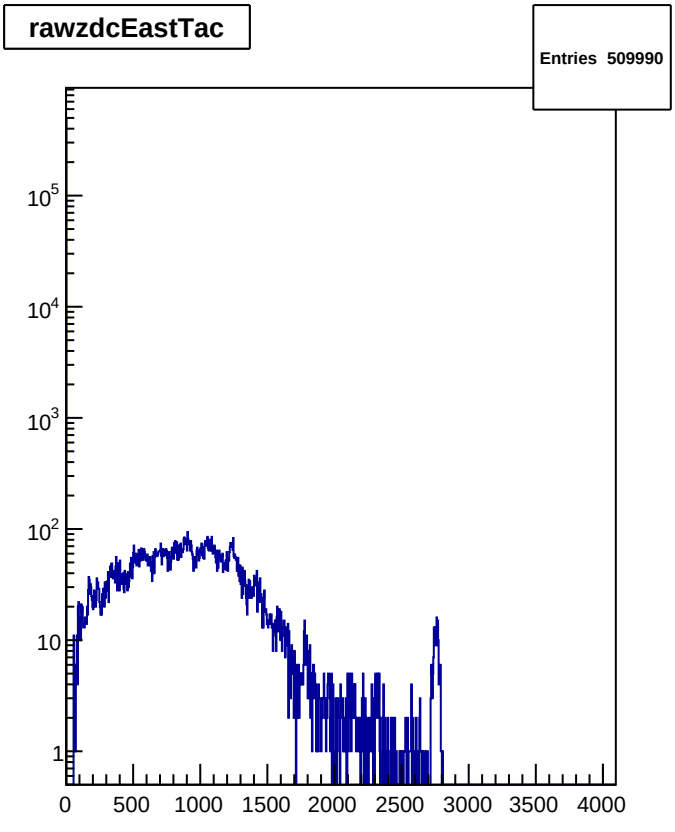

BBQ-BB001 (BBC east small tiles TAC)
Entries 8159840
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

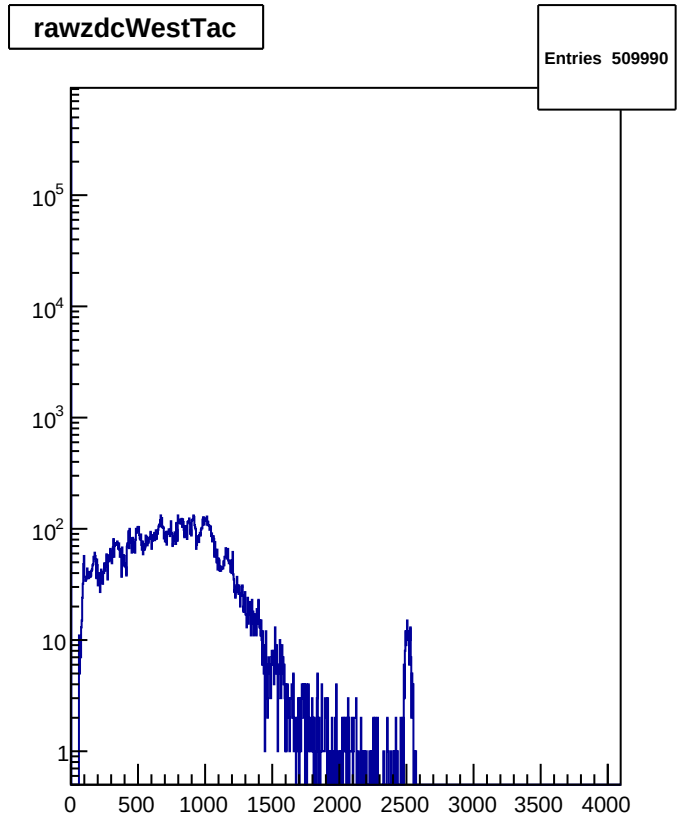

BBQ-BB002 (BBC west small tiles ADC)
Entries 8159840
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

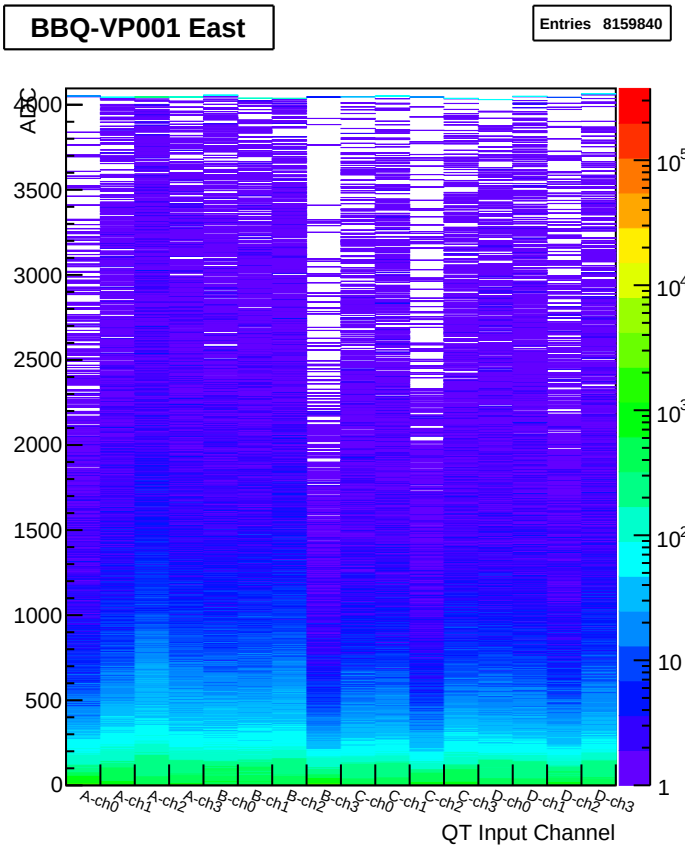

BBQ-BB002 (BBC west small tiles TAC)
Entries 8159840
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

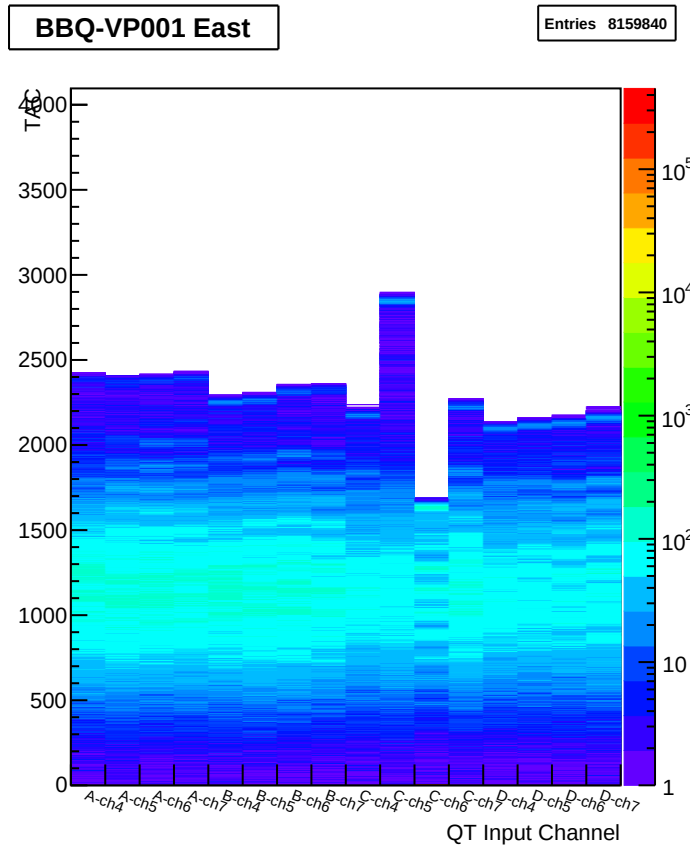

BBQ-ZD001 (ZDC TOWER)
Entries 8159840
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

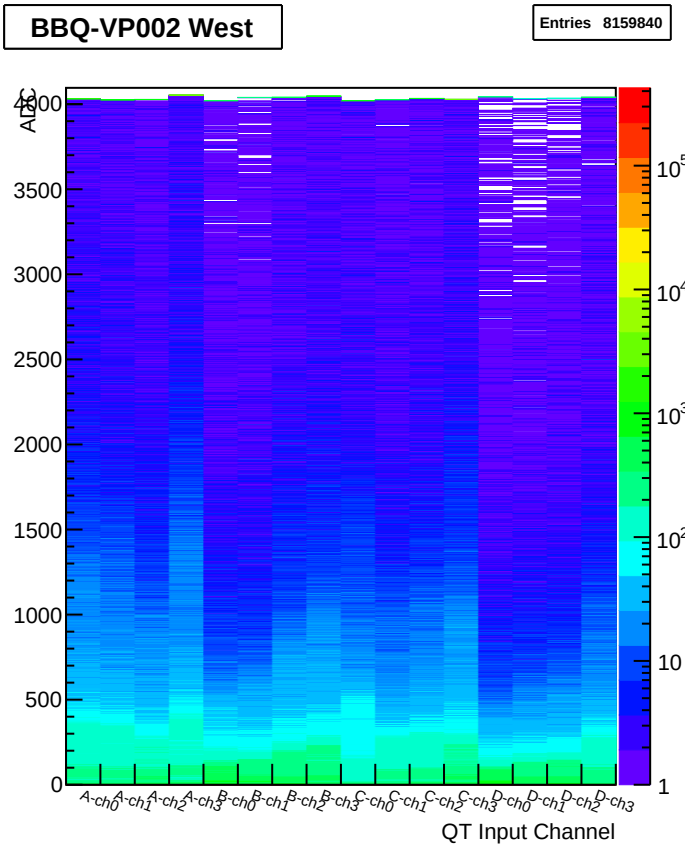

BBQ-ZD001 (ZDC TOWER)
Entries 8159840
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

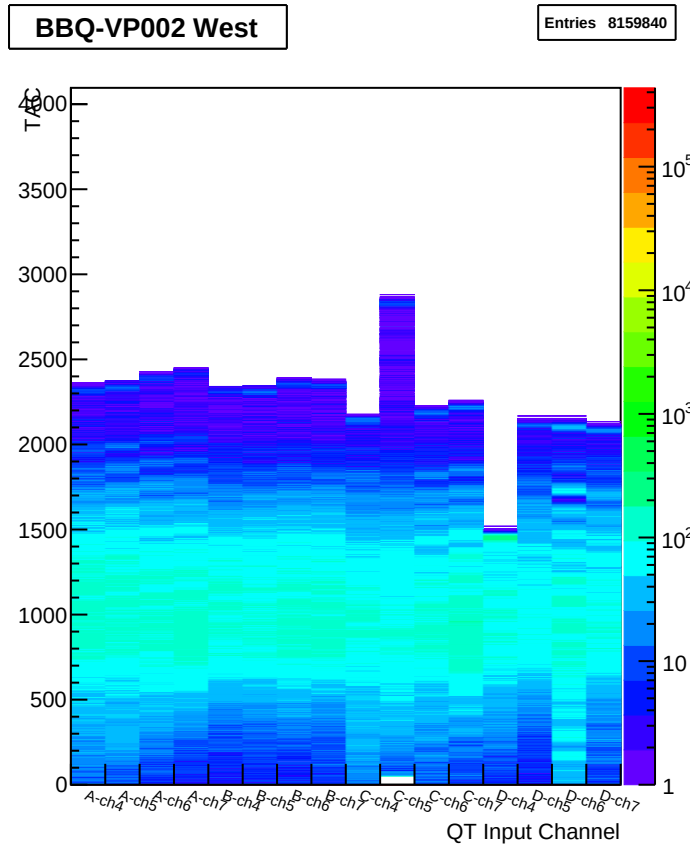

rawzdcEastTac
Entries 509990

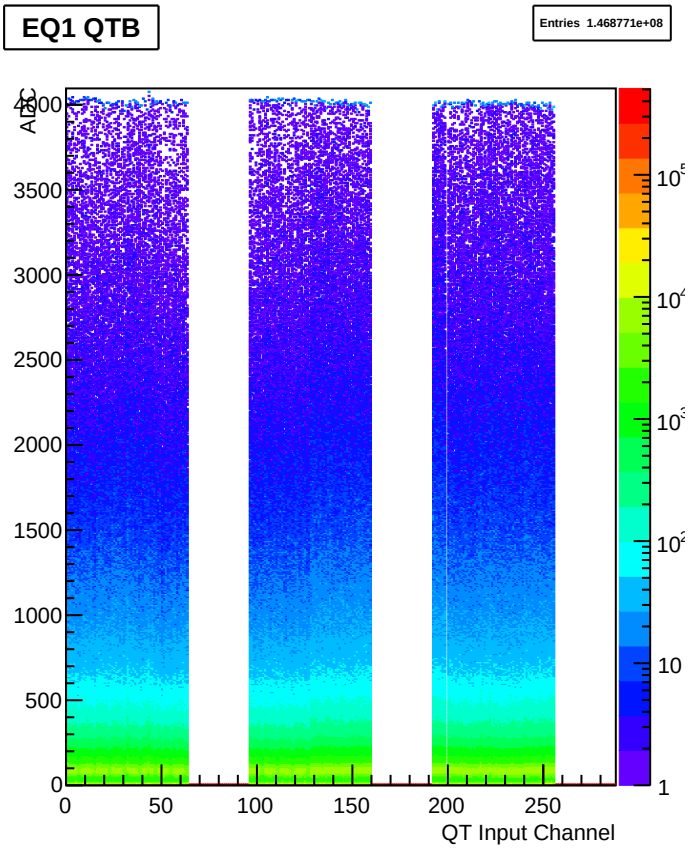

rawzdcWestTac
Entries 509990

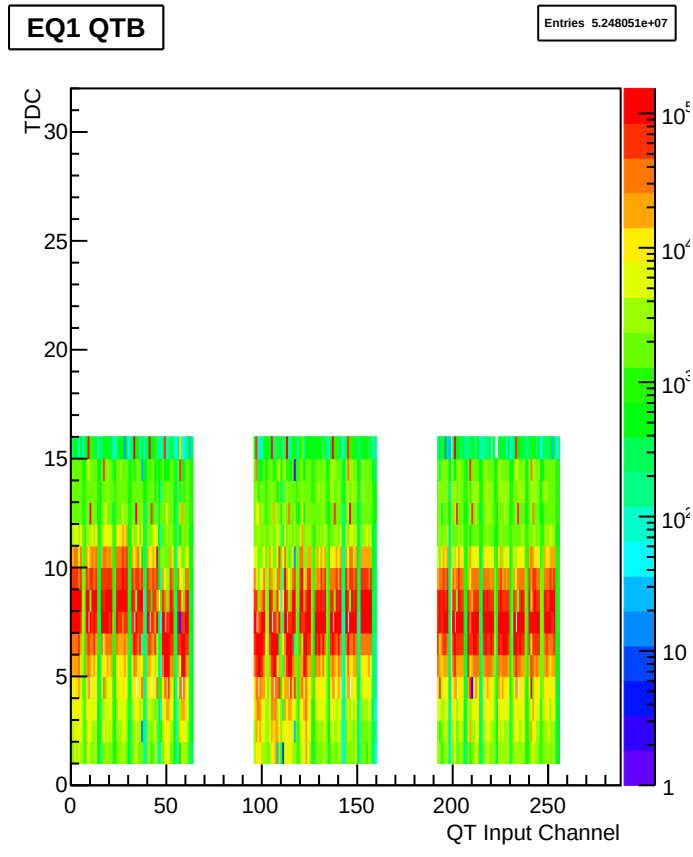

BBQ-VP001 East
Entries 8159840
ADC
QT Input Channel

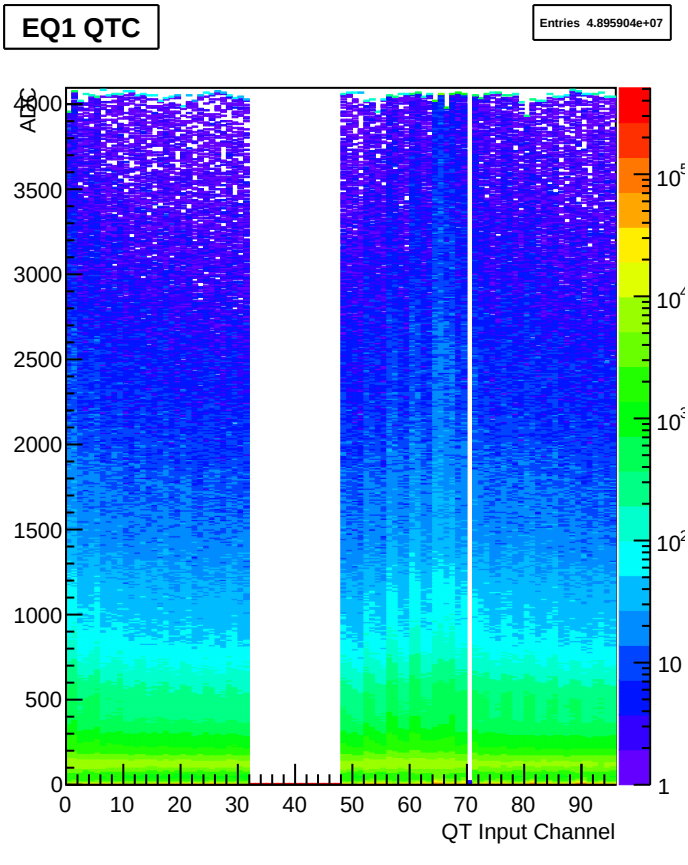

BBQ-VP001 East
Entries 8159840
ADC
QT Input Channel

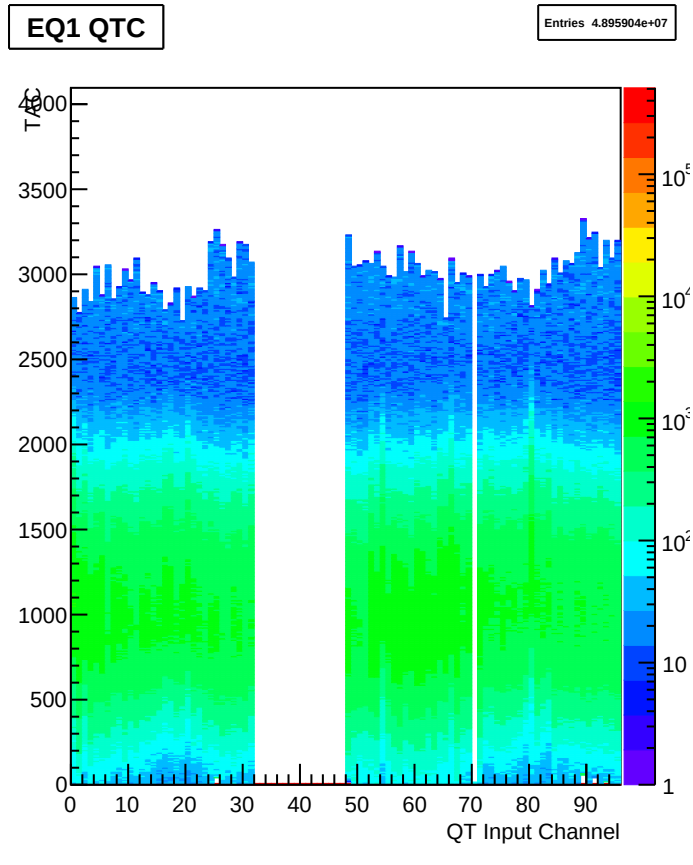

BBQ-VP002 West
Entries 8159840
ADC
QT Input Channel

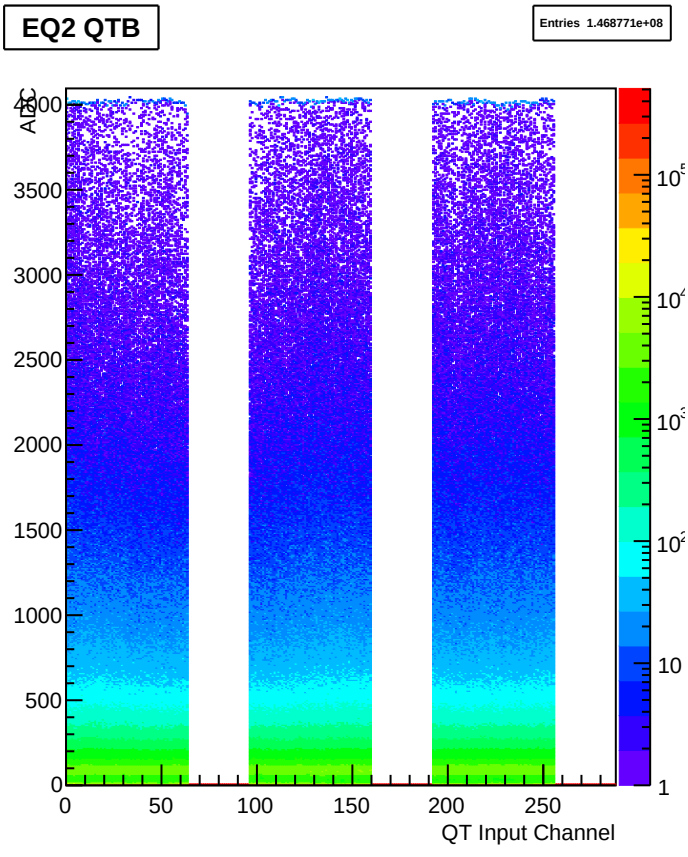

BBQ-VP002 West
Entries 8159840
ADC
QT Input Channel

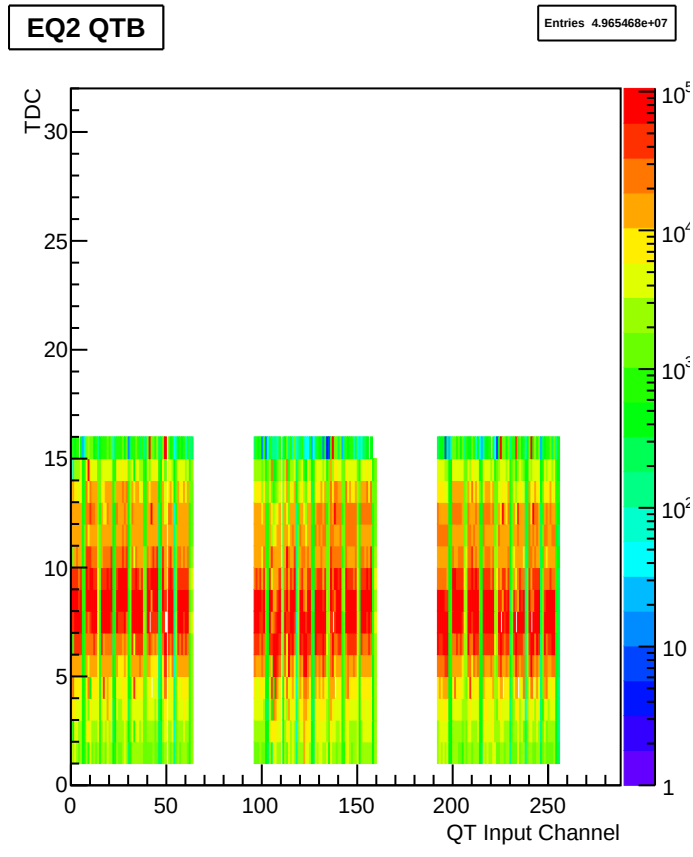

EQ1 QTB
Entries 1.468771e+08
ADC
QT Input Channel

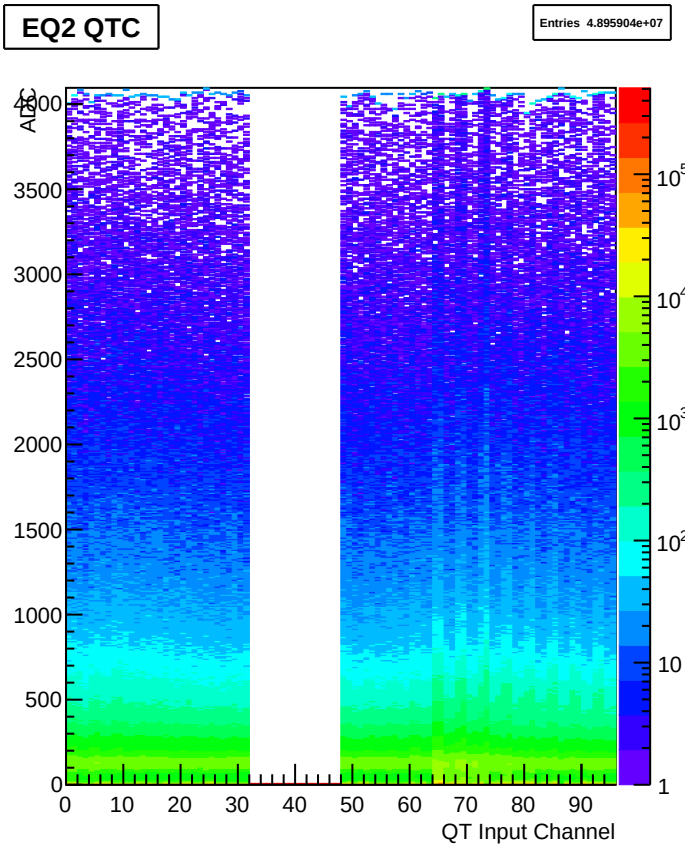

EQ1 QTB
Entries 5.248051e+07
TDC
QT Input Channel

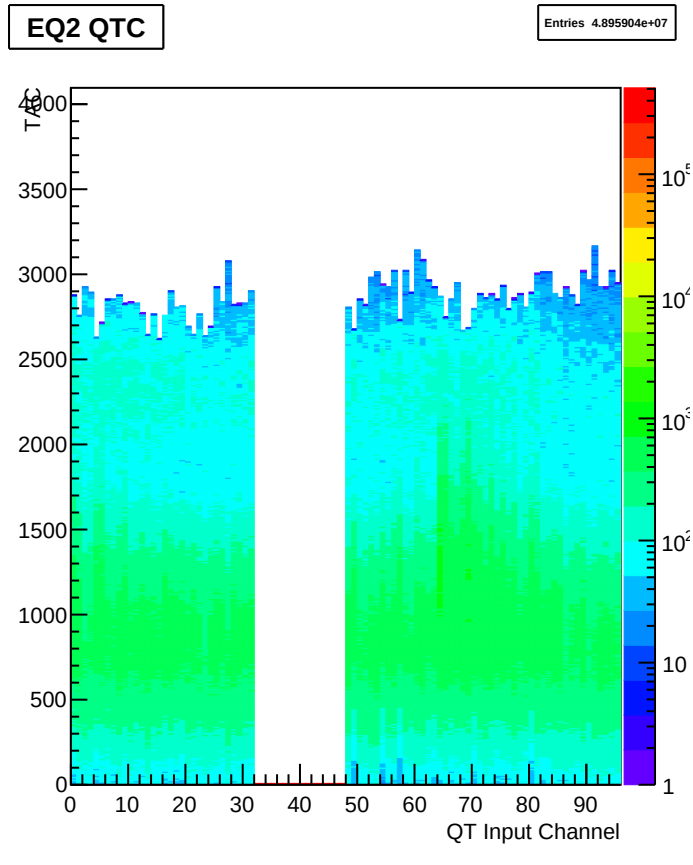

EQ1 QTC
Entries 4.895904e+07
ADC
QT Input Channel

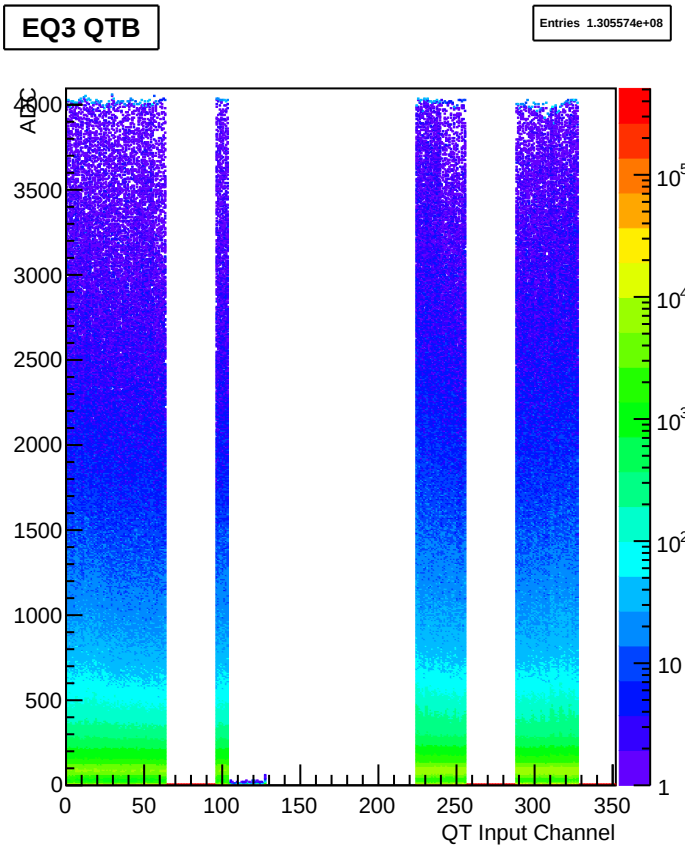

EQ1 QTC
Entries 4.895904e+07
TADC
QT Input Channel

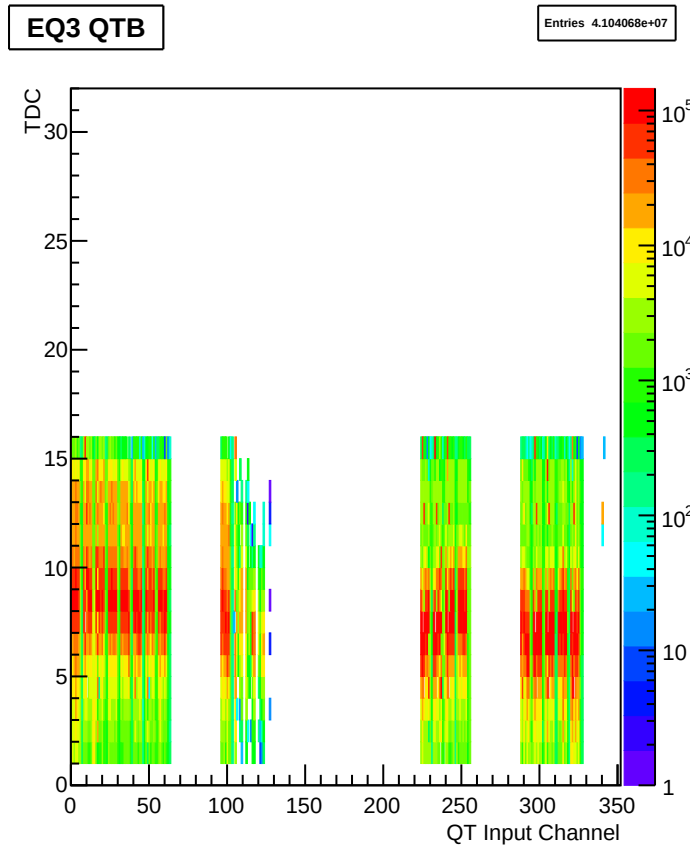

EQ2 QTB
Entries 1.468771e+08
ADC
QT Input Channel

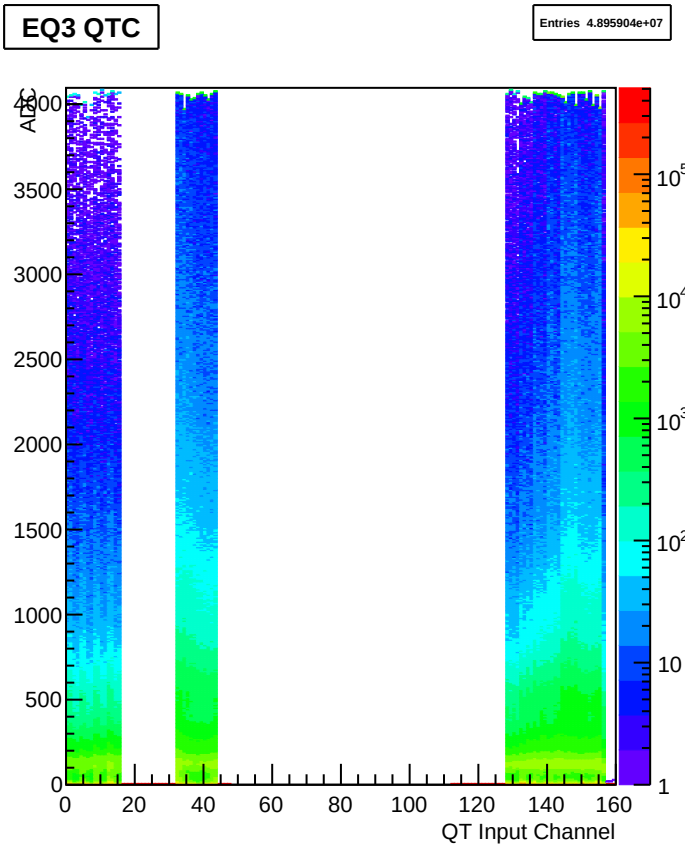

EQ2 QTB
Entries 4.965468e+07
TDC
QT Input Channel

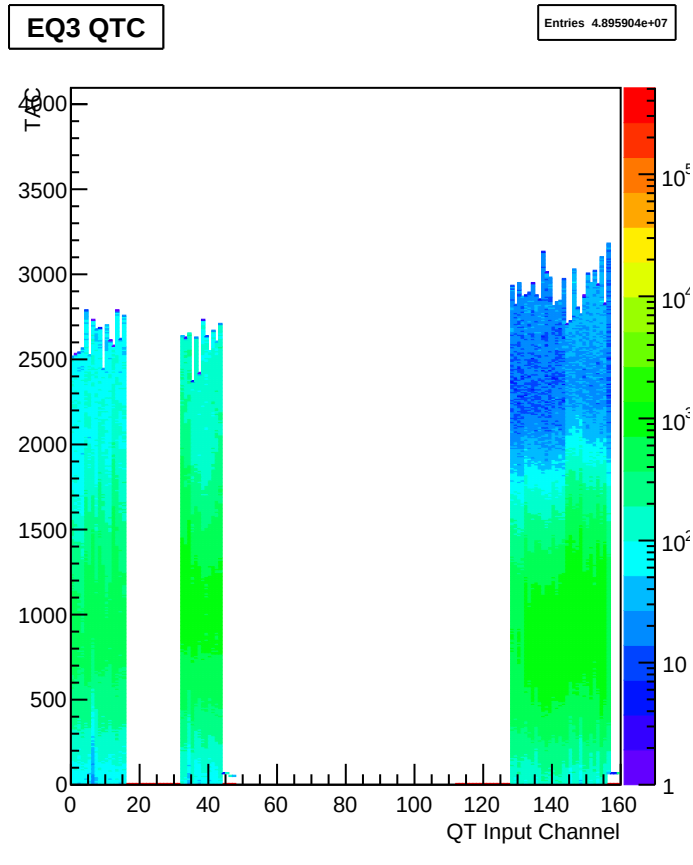

EQ2 QTC
Entries 4.895904e+07
ADC
QT Input Channel

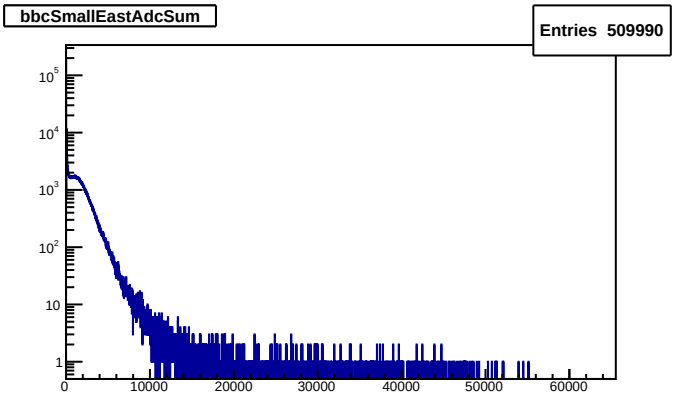

EQ2 QTC
Entries 4.895904e+07
TADC
QT Input Channel

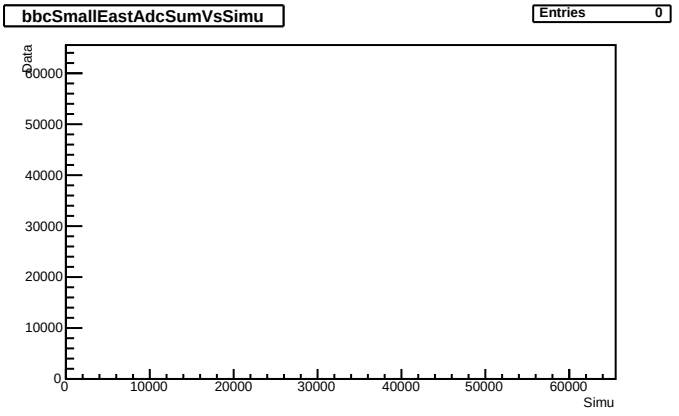

EQ3 QTB
Entries 1.305574e+08
ADC
QT Input Channel

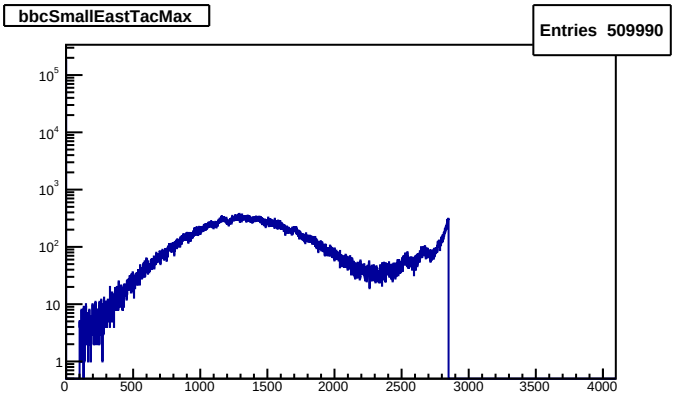

EQ3 QTB
Entries 4.104068e+07
TDC
QT Input Channel

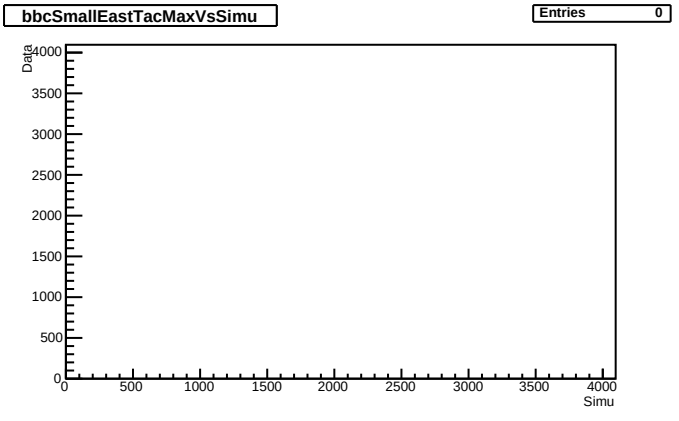

EQ3 QTC
Entries 4.895904e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.895904e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 509990


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 509990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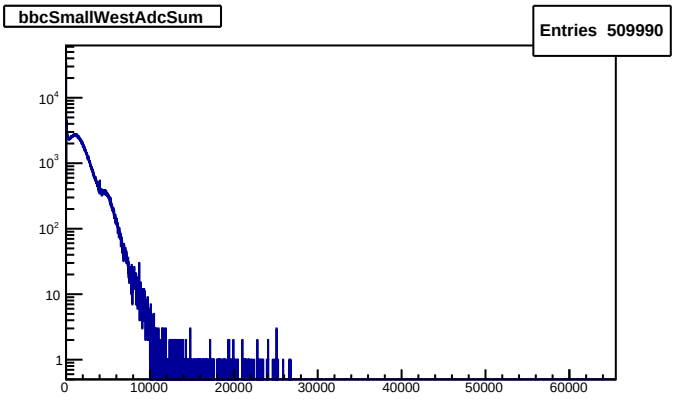
Simu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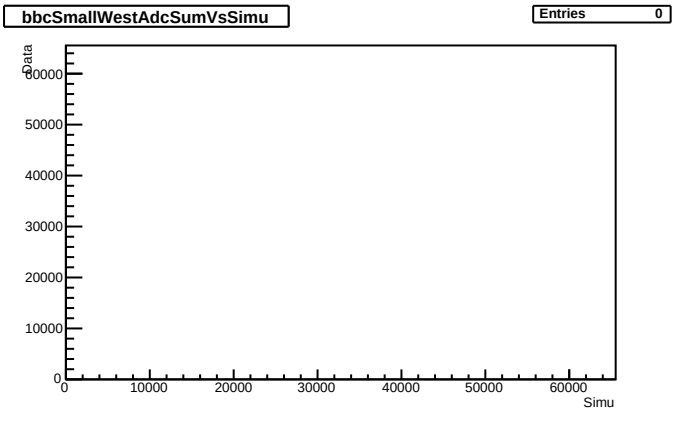
Entries 509990


bbcSmallWestAdcSumVsSimu
Entries 0
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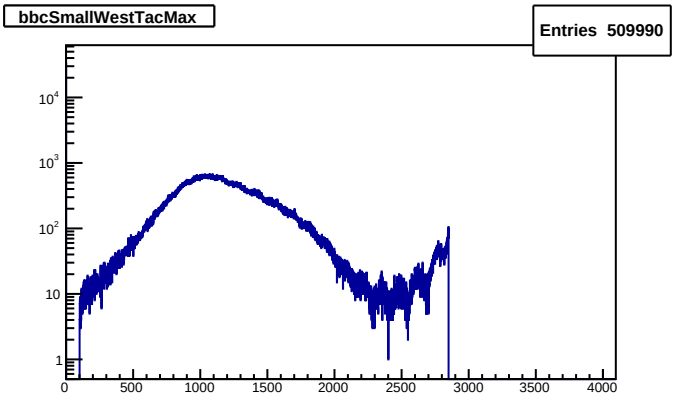
Simu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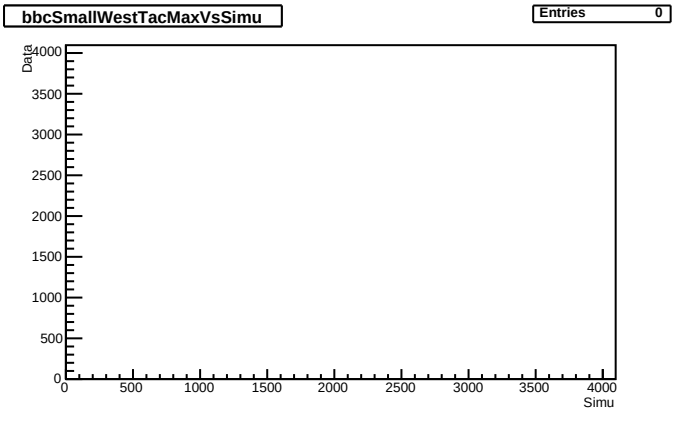
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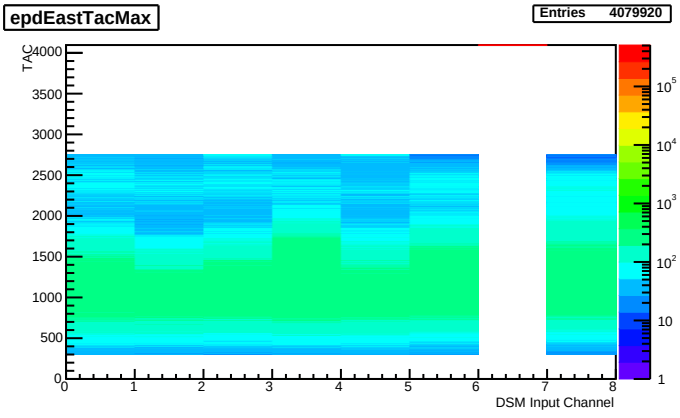
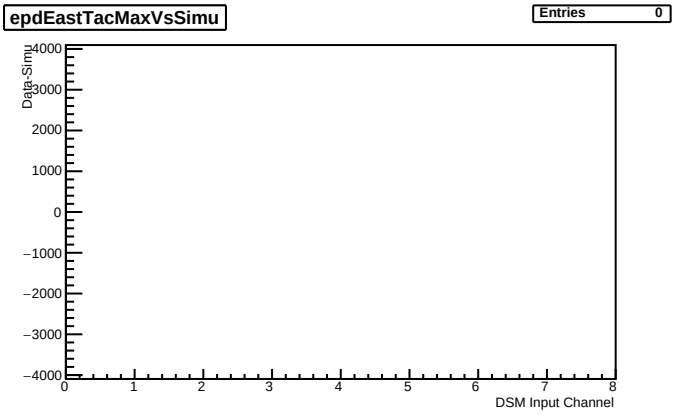
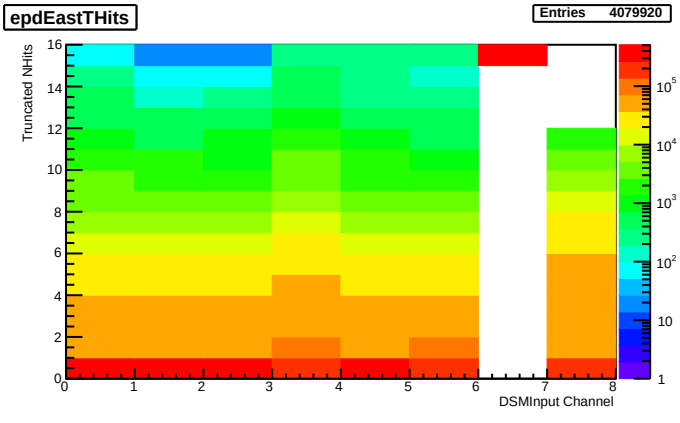
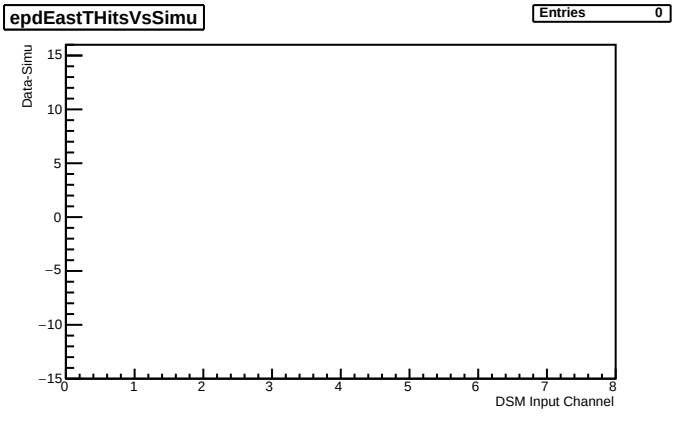
Entries 0
Data
Simu


epdEastTacMax
Entries 4079920
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4079920
Truncated NHits
DSMInput Channel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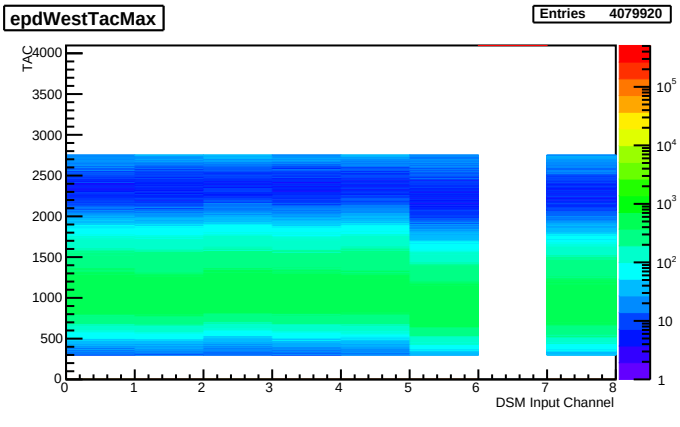
Data-Simu
DSM Input Channel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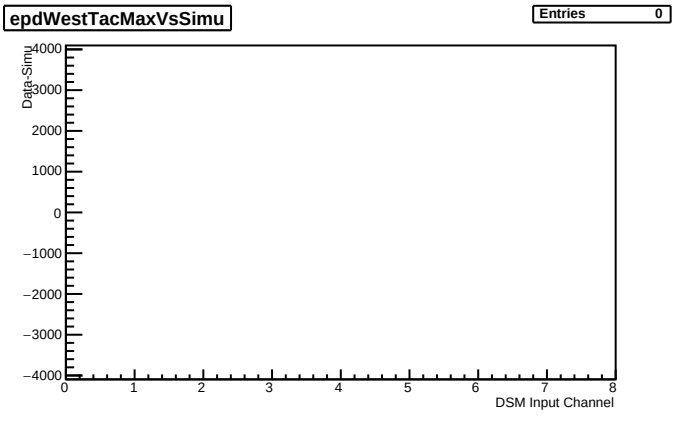
Entries 4079920
TAC
DSM Input Channel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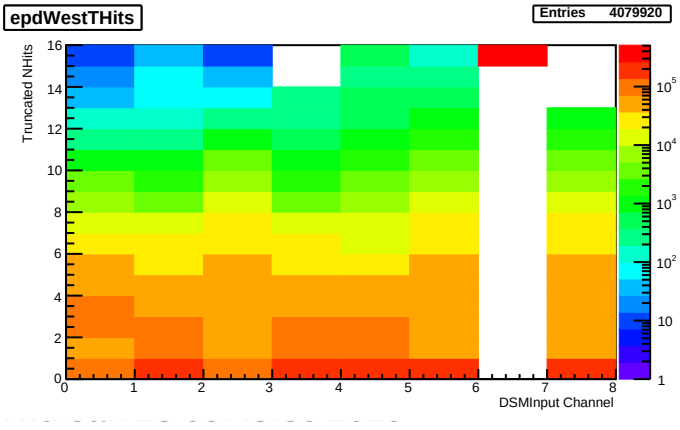
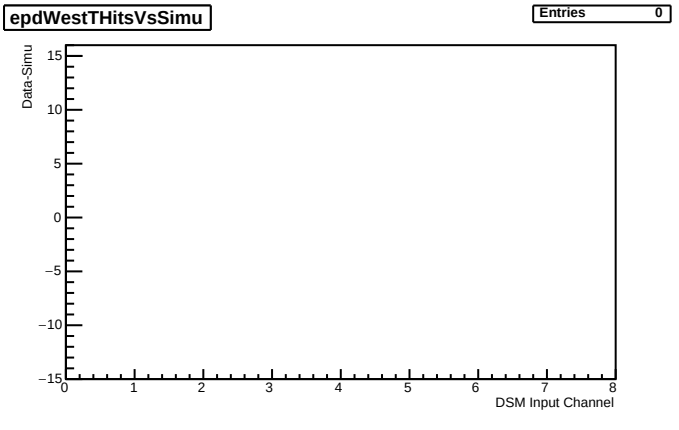
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 4079920
Truncated NHits
DSMInput Channel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Entries 0
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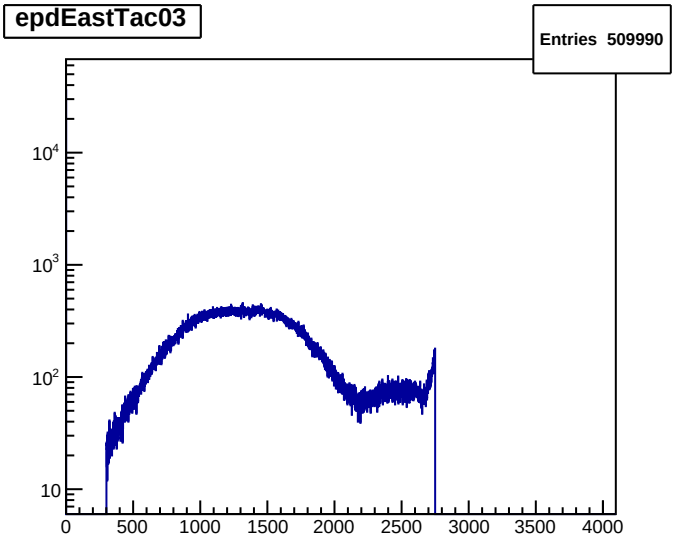
DSM Input Channel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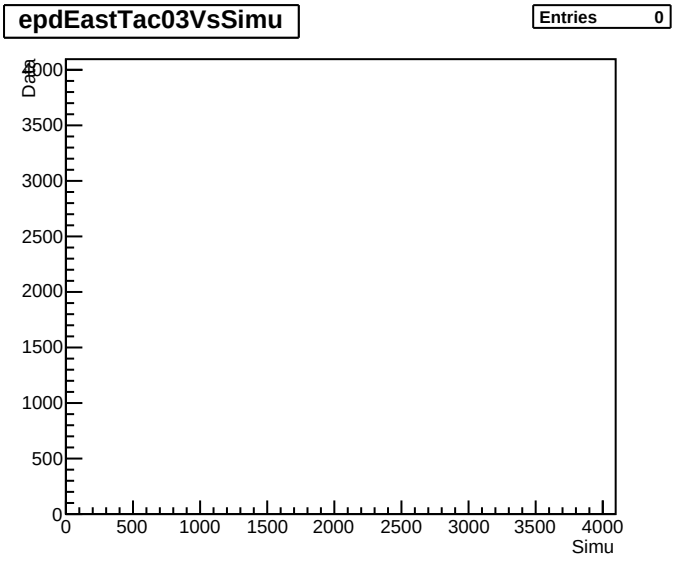
Entries 509990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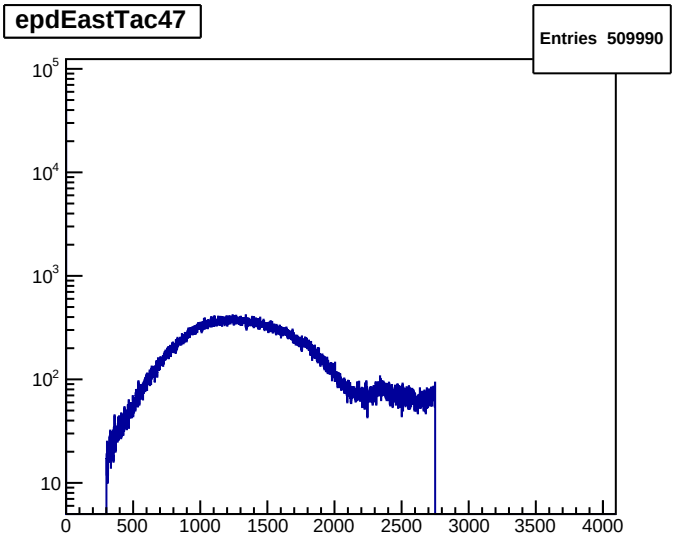
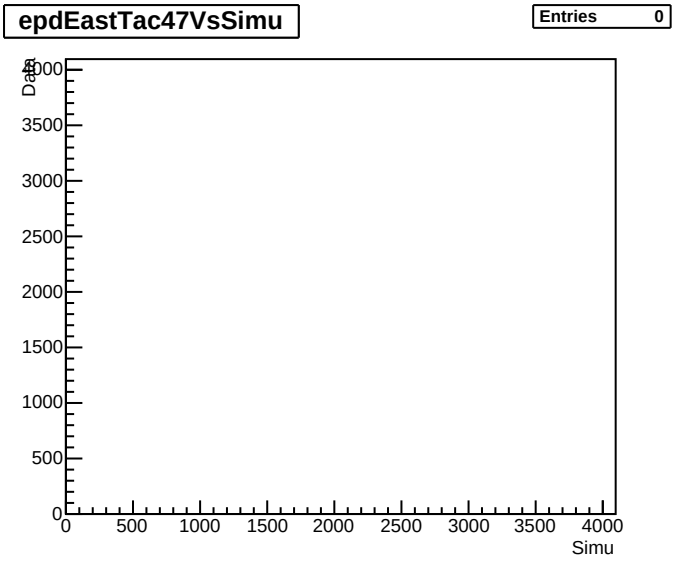
Entries 0
Data
Simu


epdEastTac47
Entries 509990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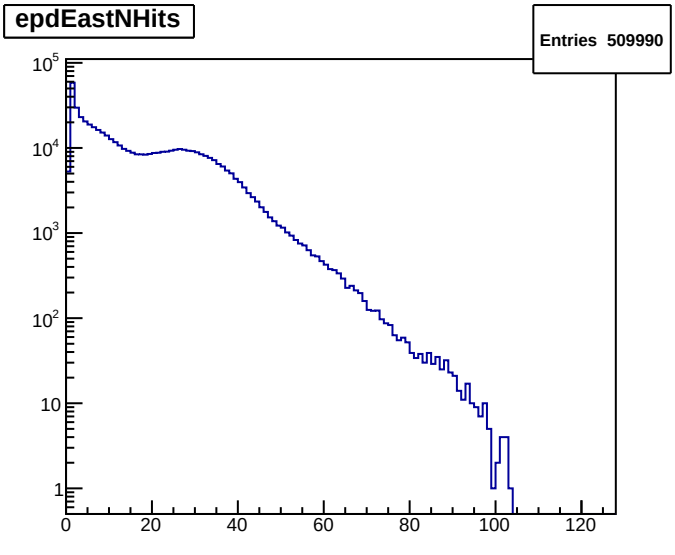
Entries 0
Data
Simu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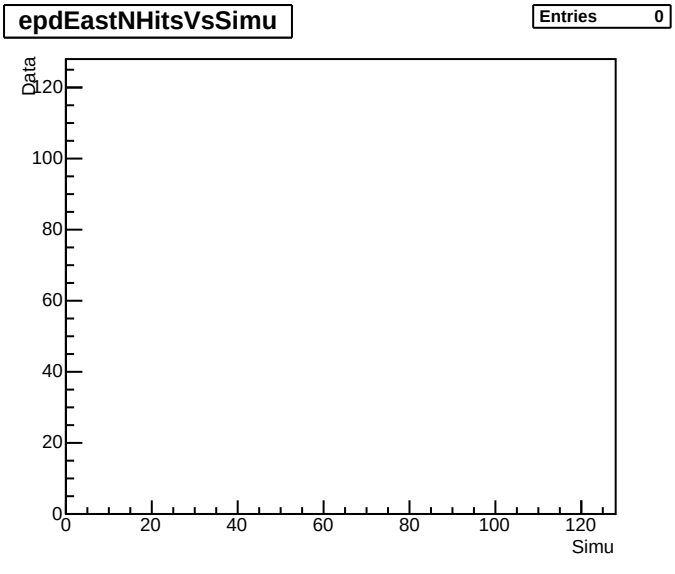
Entries 509990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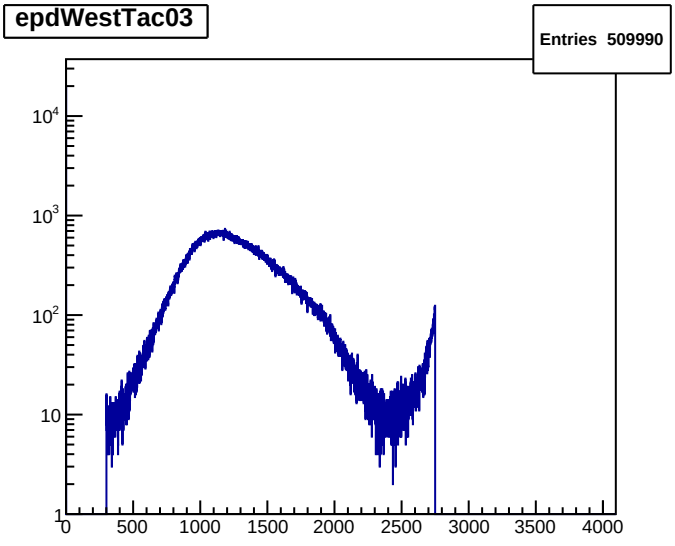
Entries 0
Data
Simu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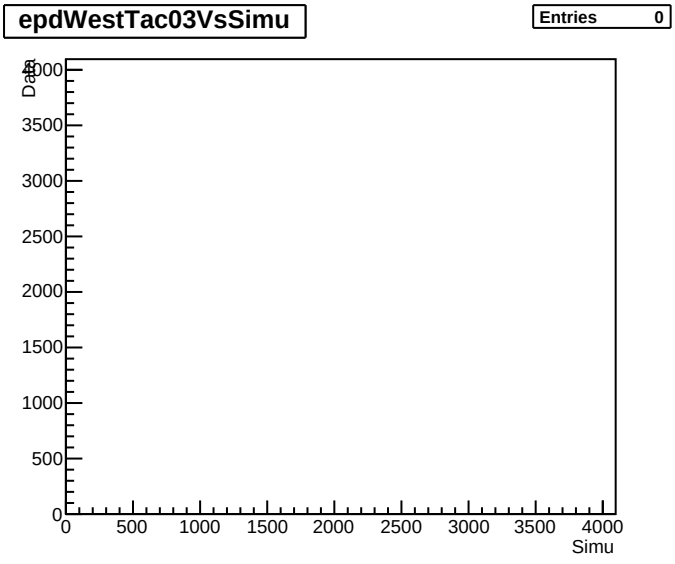
Entries 509990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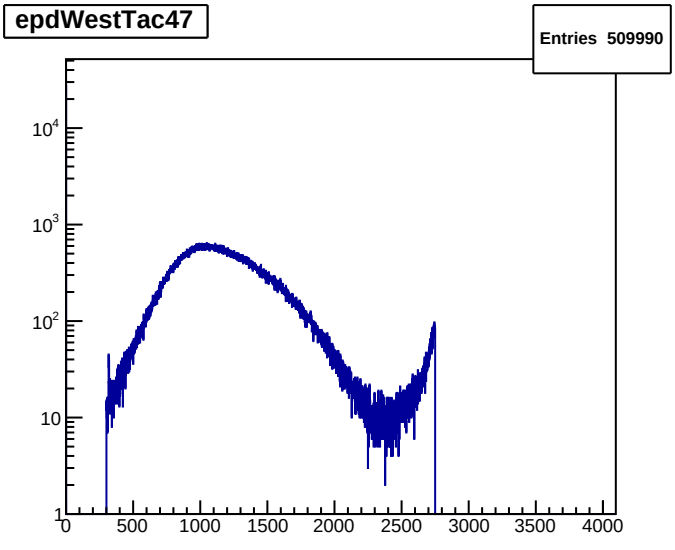
Entries 0
Data
Simu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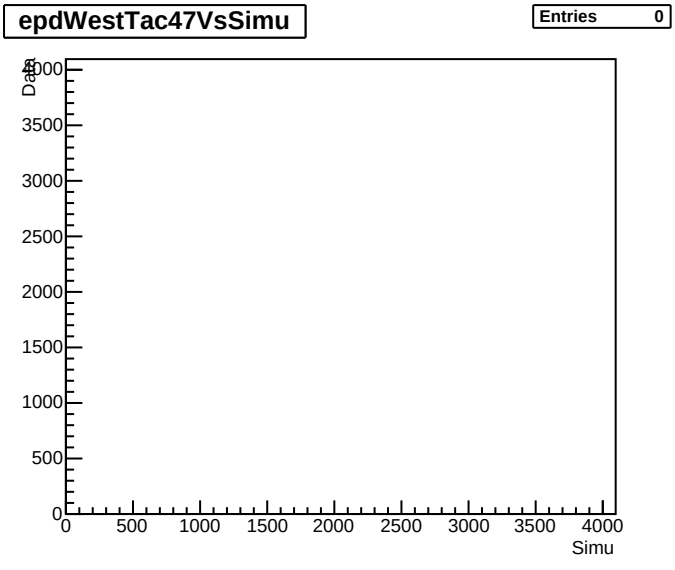
Entries 509990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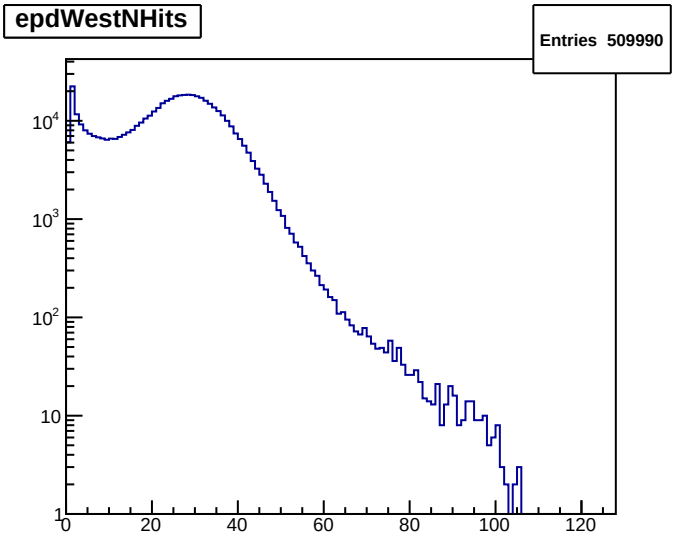
Entries 0
Data
Simu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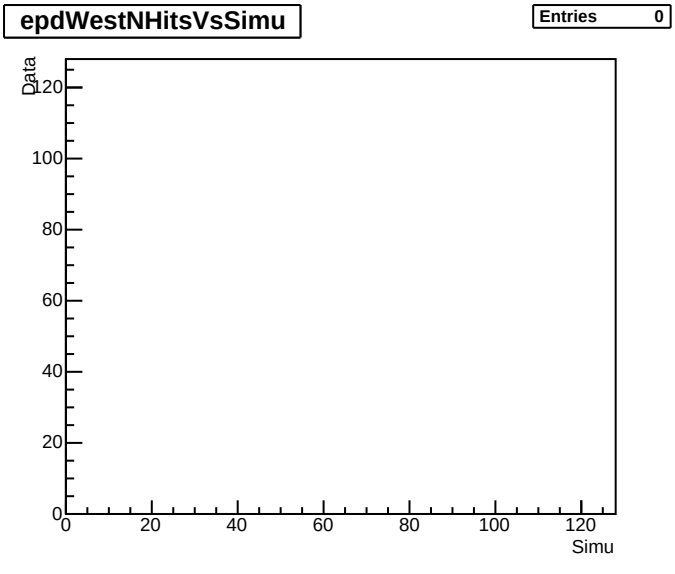
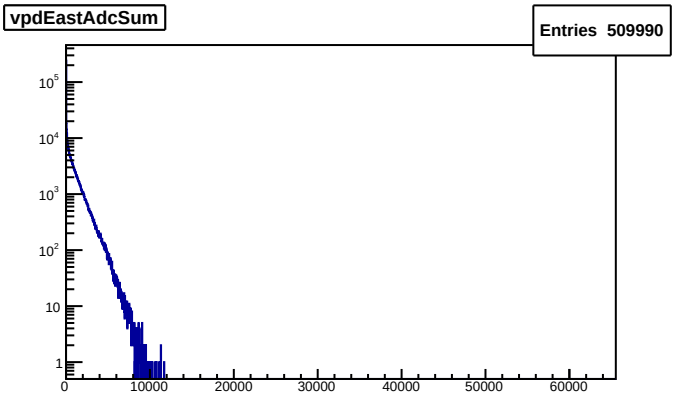
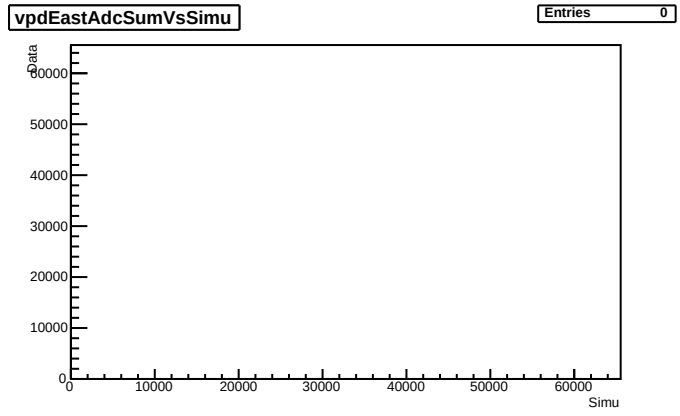
Entries 509990


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 509990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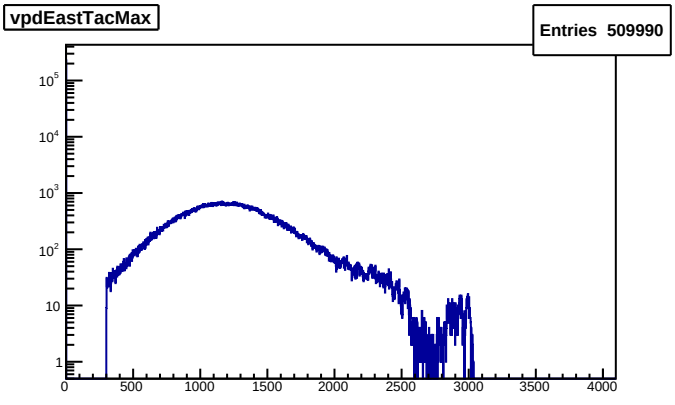
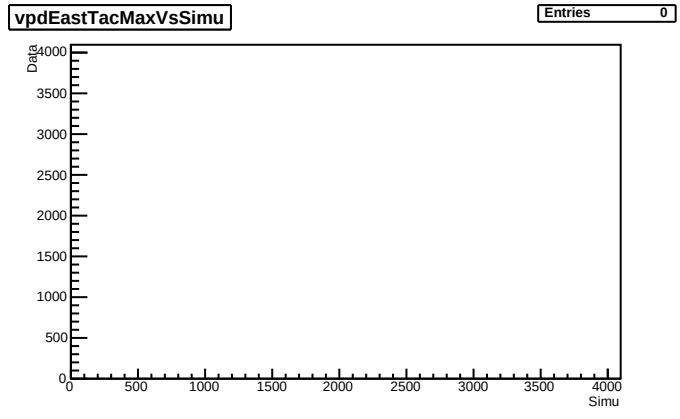
Entries 0
Data
Simu


vpdEastTacMax
Entries 509990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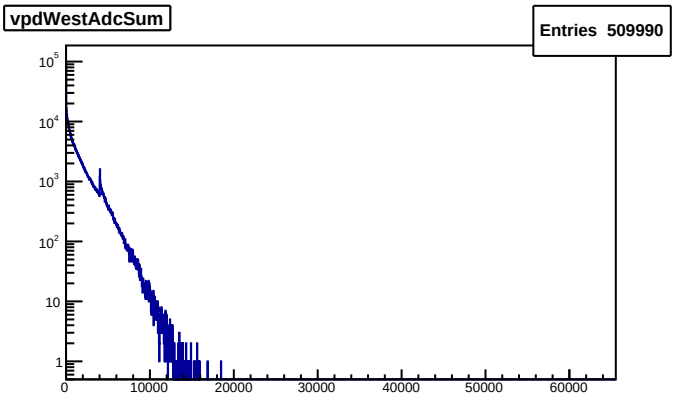
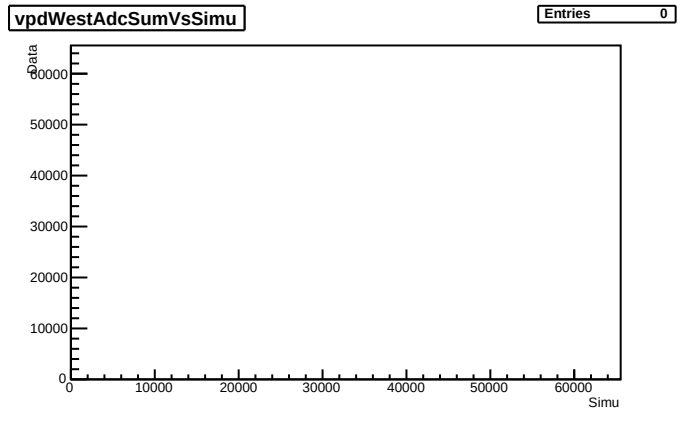
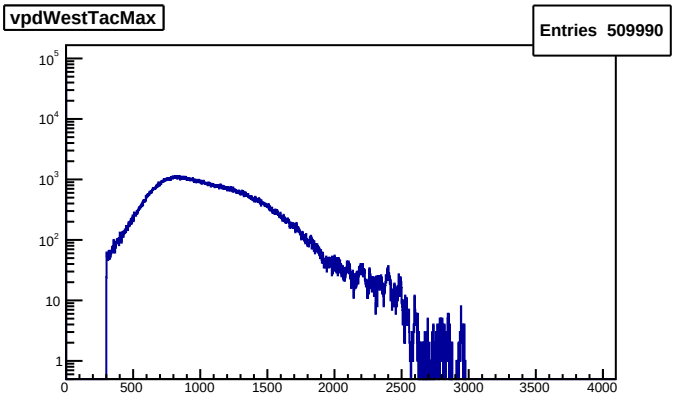
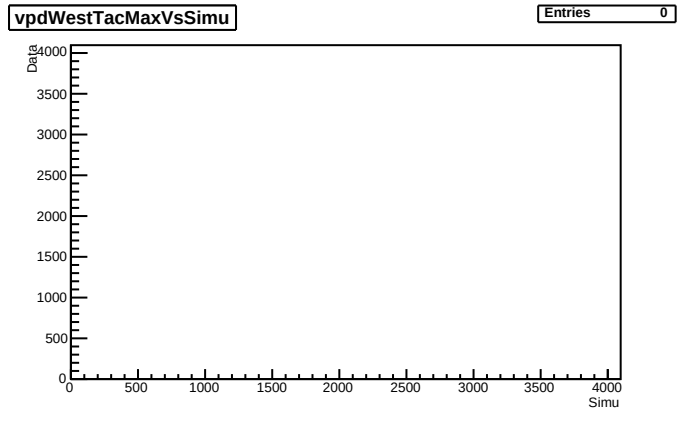
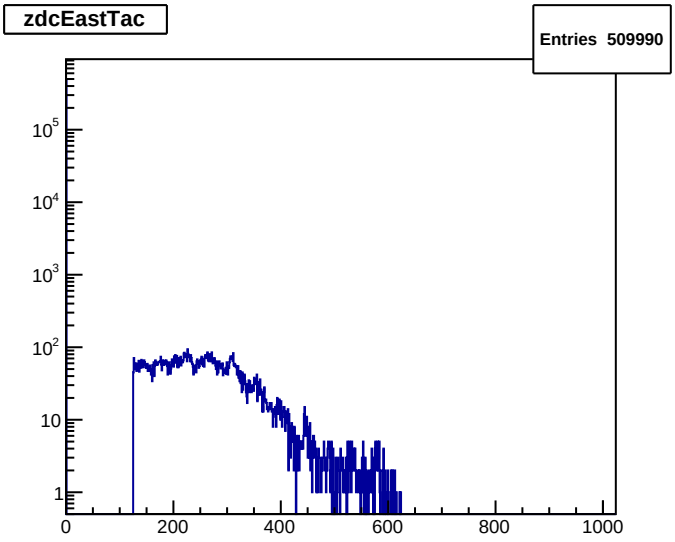
Entries 0
Data
Simu

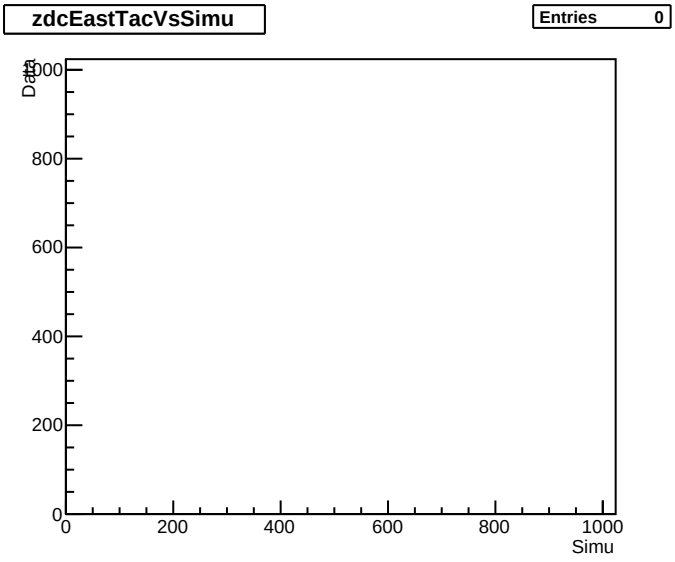

vpdWestAdcSum
Entries 509990

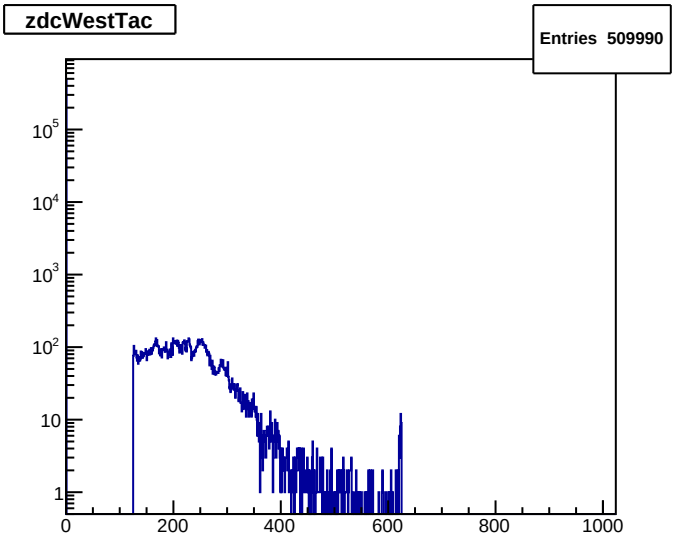

vpdWestAdcSumVsSimu
Entries 0
Data
Simu

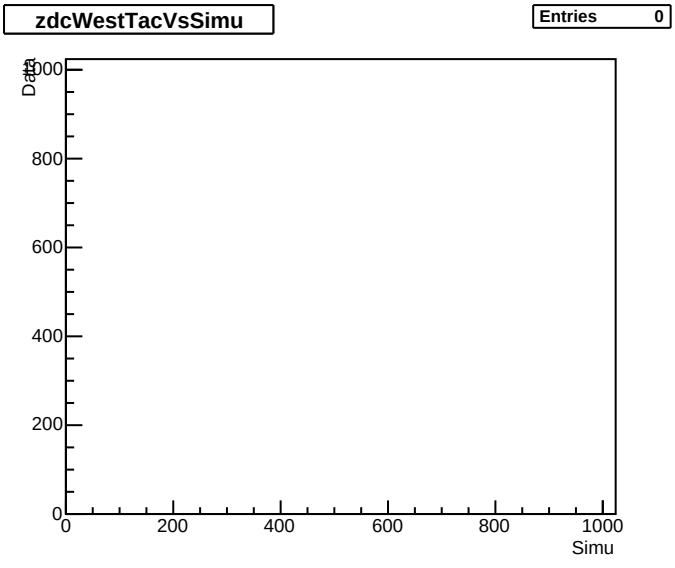

vpdWestTacMax
Entries 509990

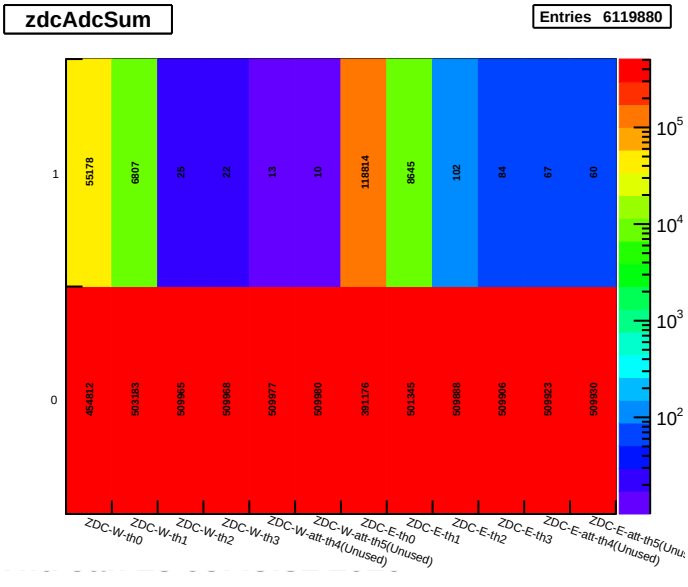

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 509990
10^5
10^4
10^3
10^2
10
1
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 509990
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 6119880
1
0
55178
6807
25
22
13
10
118814
8645
102
84
67
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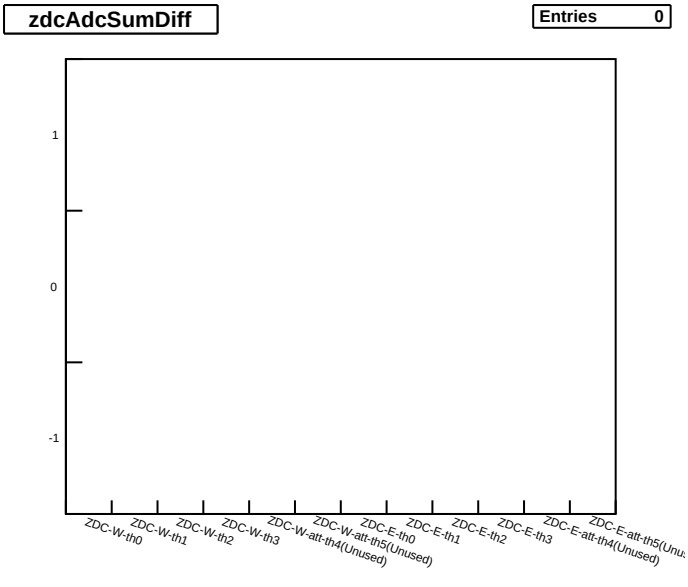
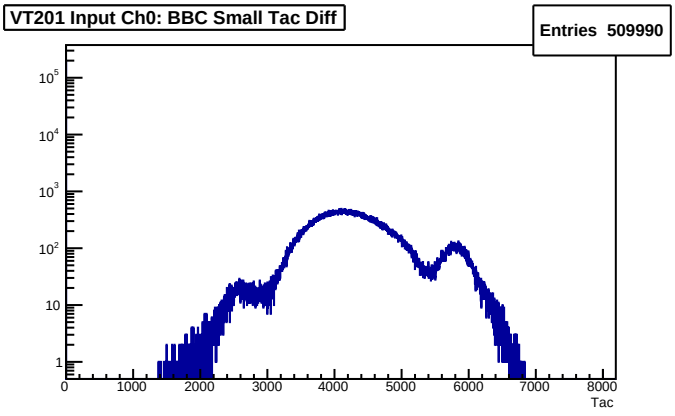
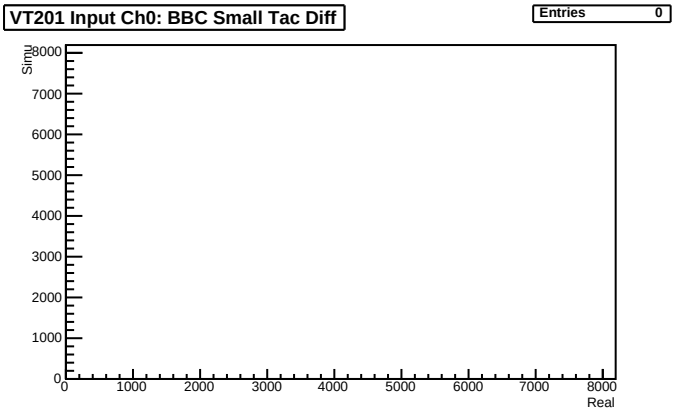
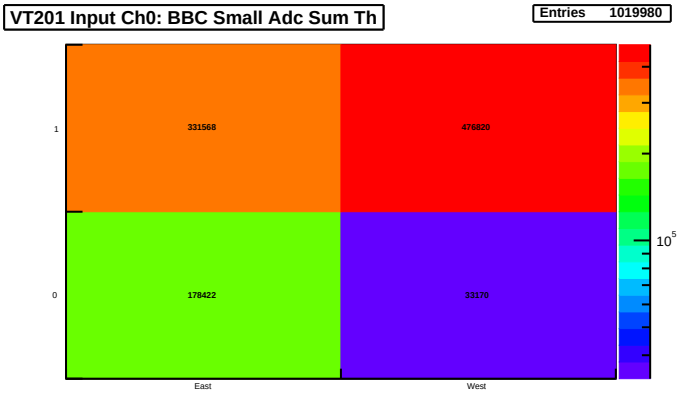
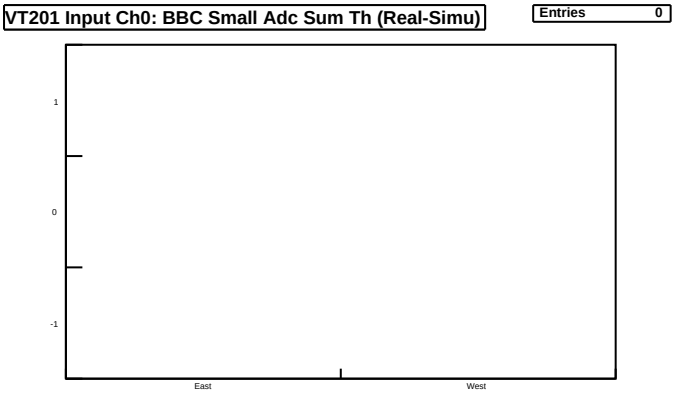
503183
509965
509968
509977
509980
391176
501345
509888
509906
509923
509930
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

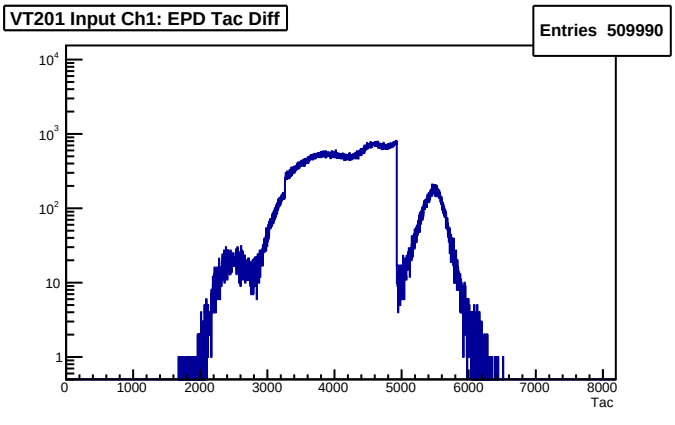

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

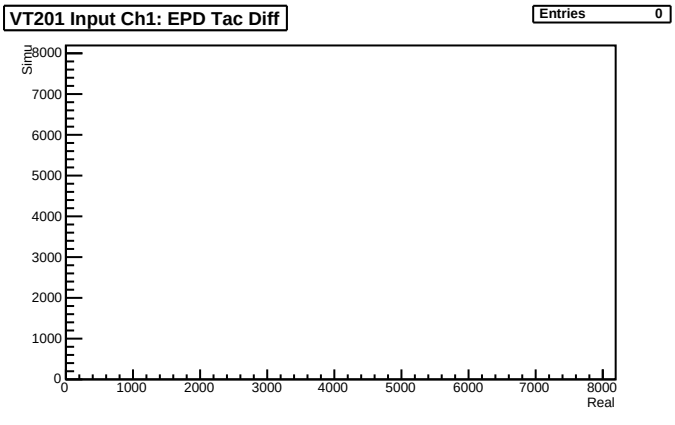

VT201 Input Ch0: BBC Small Tac Diff
Entries 509990
Tac

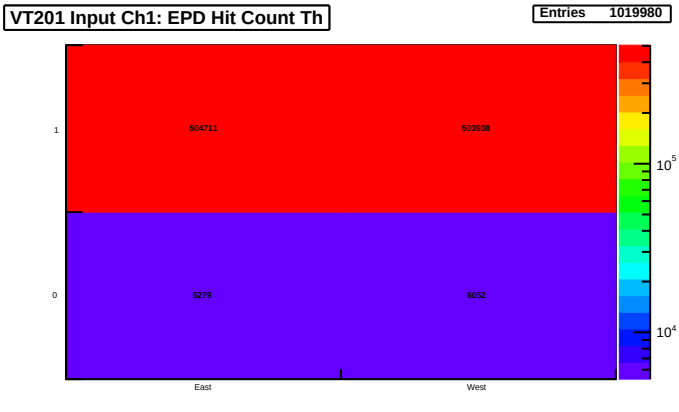

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

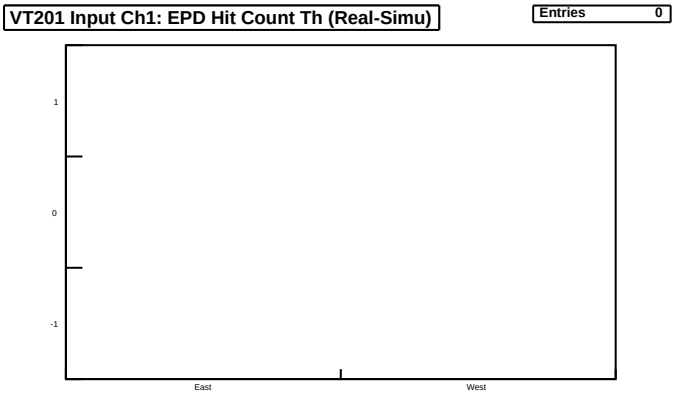

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1019980
331568
476820
178422
33170
East
West

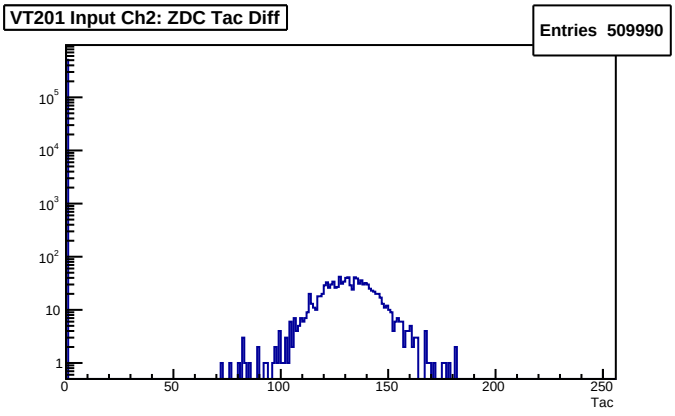

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

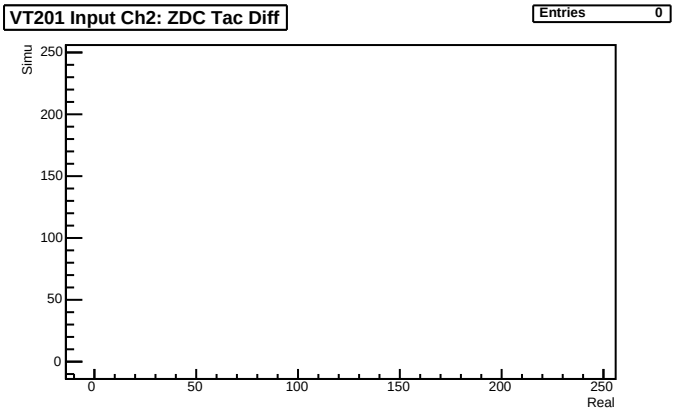

VT201 Input Ch1: EPD Tac Diff
Entries 509990
Tac

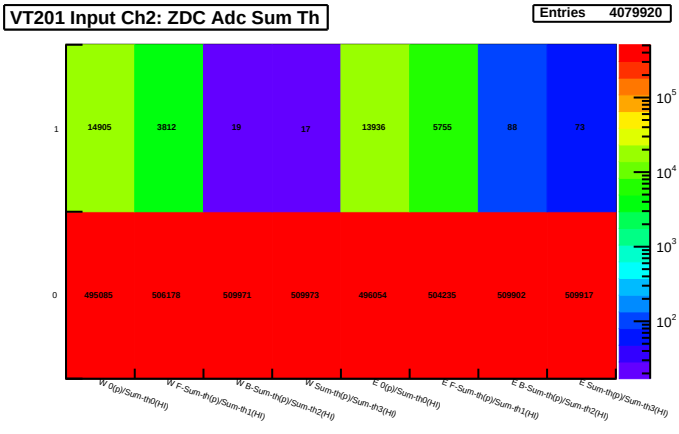

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

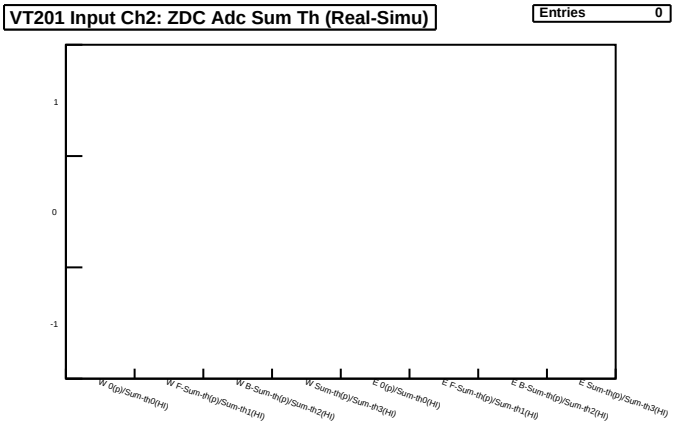

VT201 Input Ch1: EPD Hit Count Th
Entries 1019980
504711
503938
5279
6052
East
West

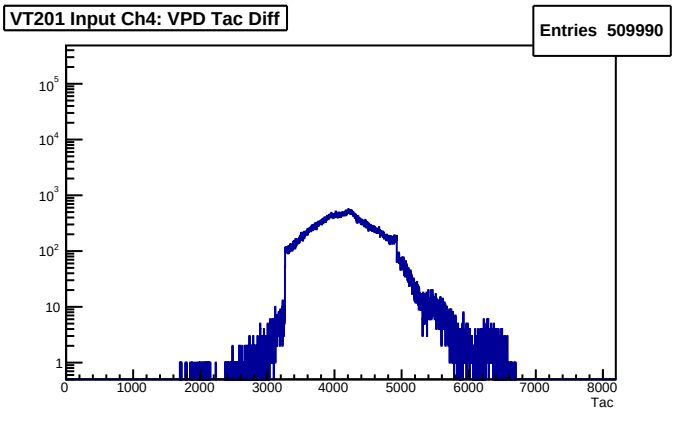

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

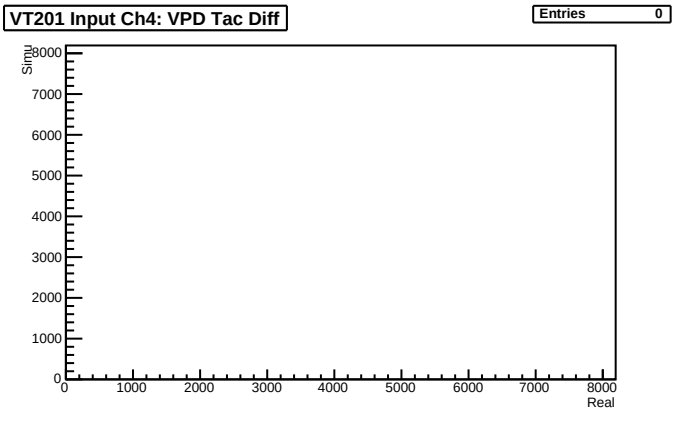

VT201 Input Ch2: ZDC Tac Diff
Entries 509990
Tac

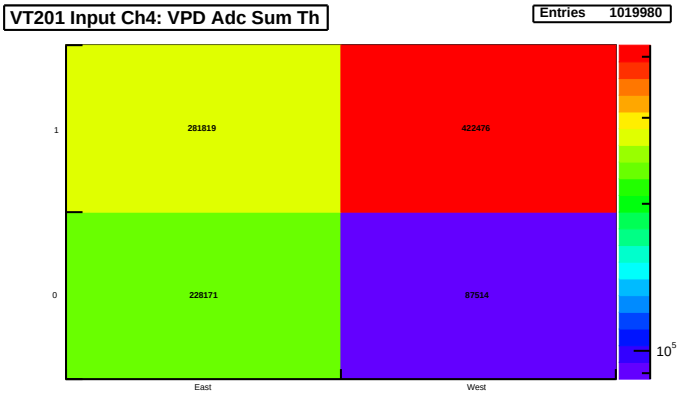

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

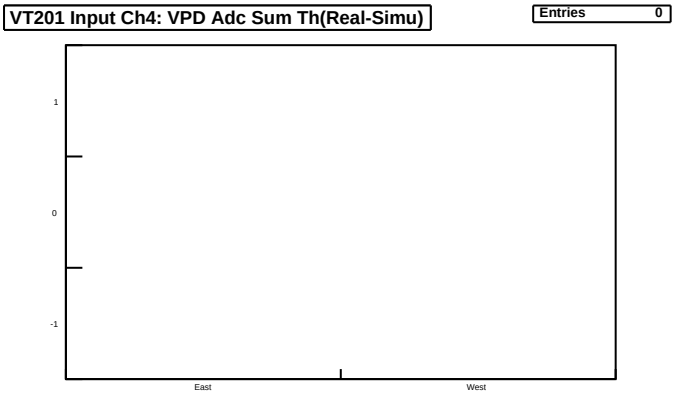

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4079920
14905
3812
19
17
13936
5755
88
73
495085
506178
509971
509973
496054
504235
509902
509917
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

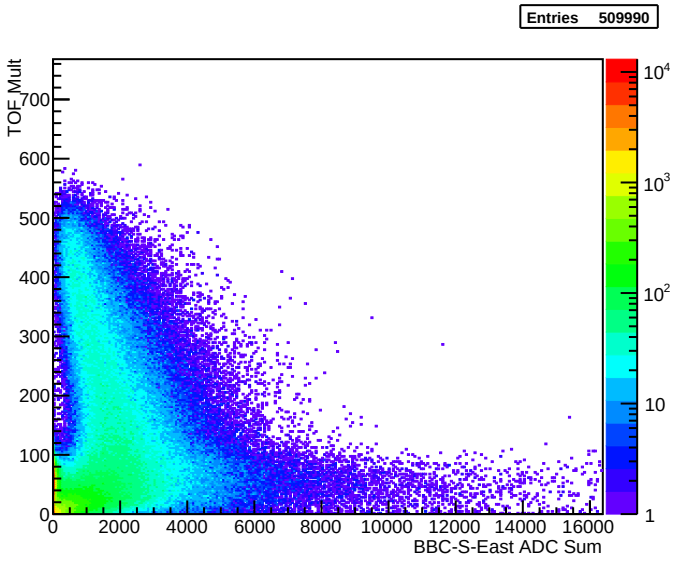

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

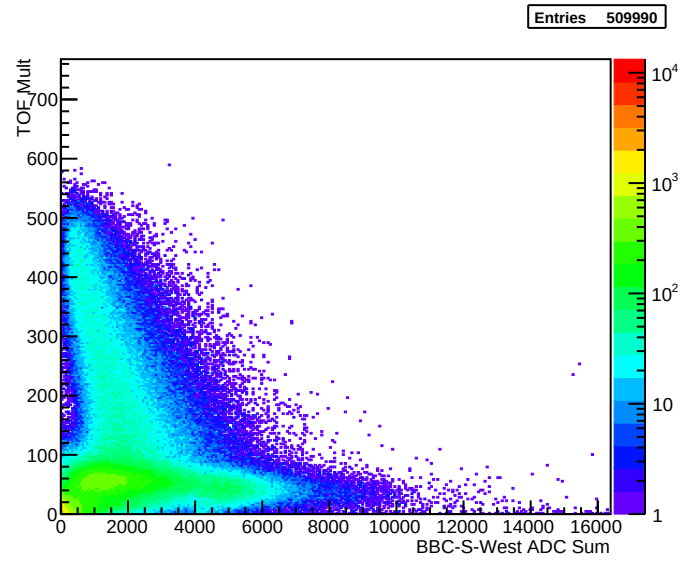

VT201 Input Ch4: VPD Tac Diff
Entries 509990
Tac

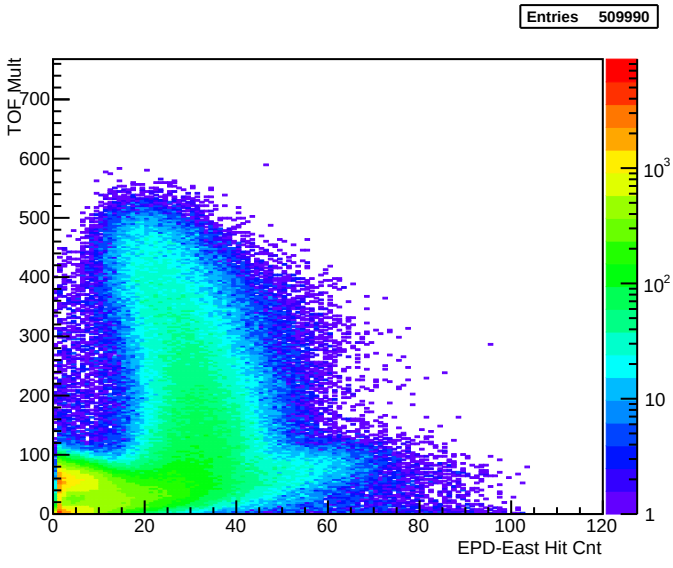

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

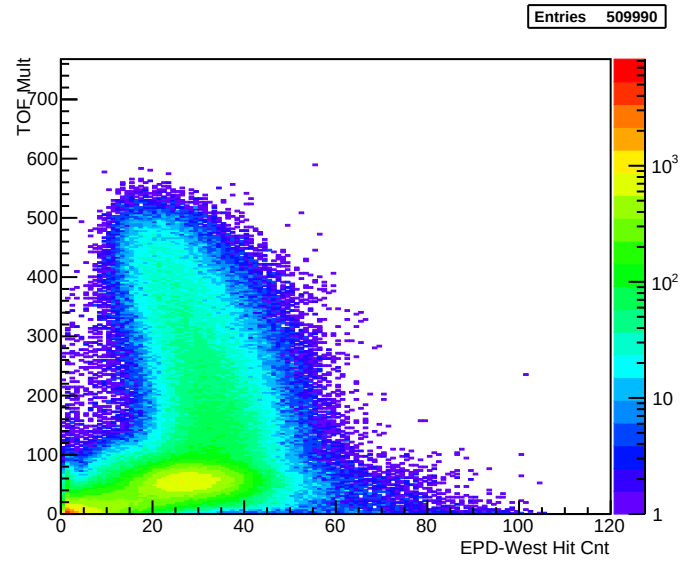

VT201 Input Ch4: VPD Adc Sum Th
Entries 1019980
281819
422476
228171
87514
East
West

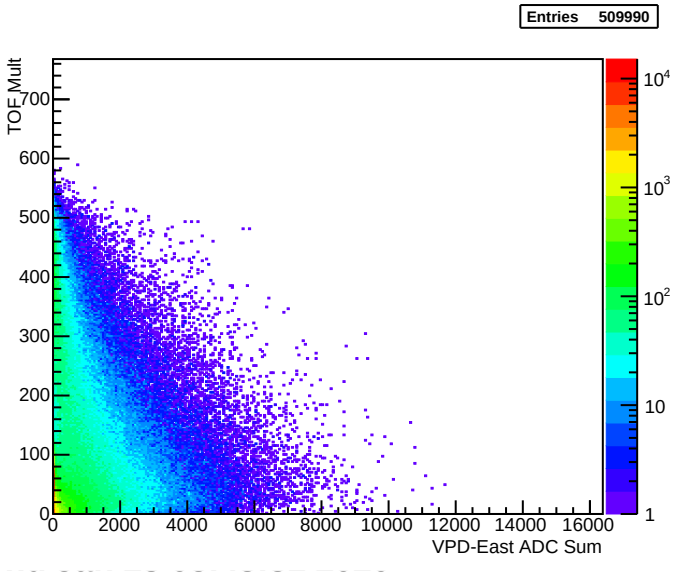

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

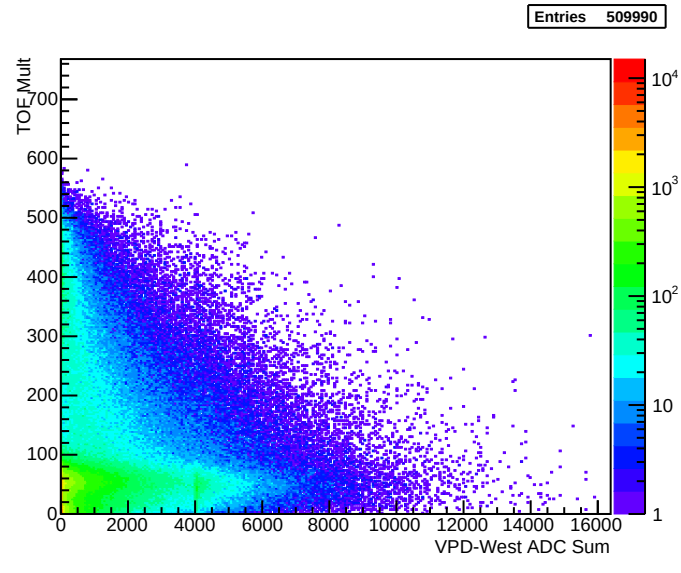

Entries 509990
TOF_Mult
BBC-S-East ADC Sum

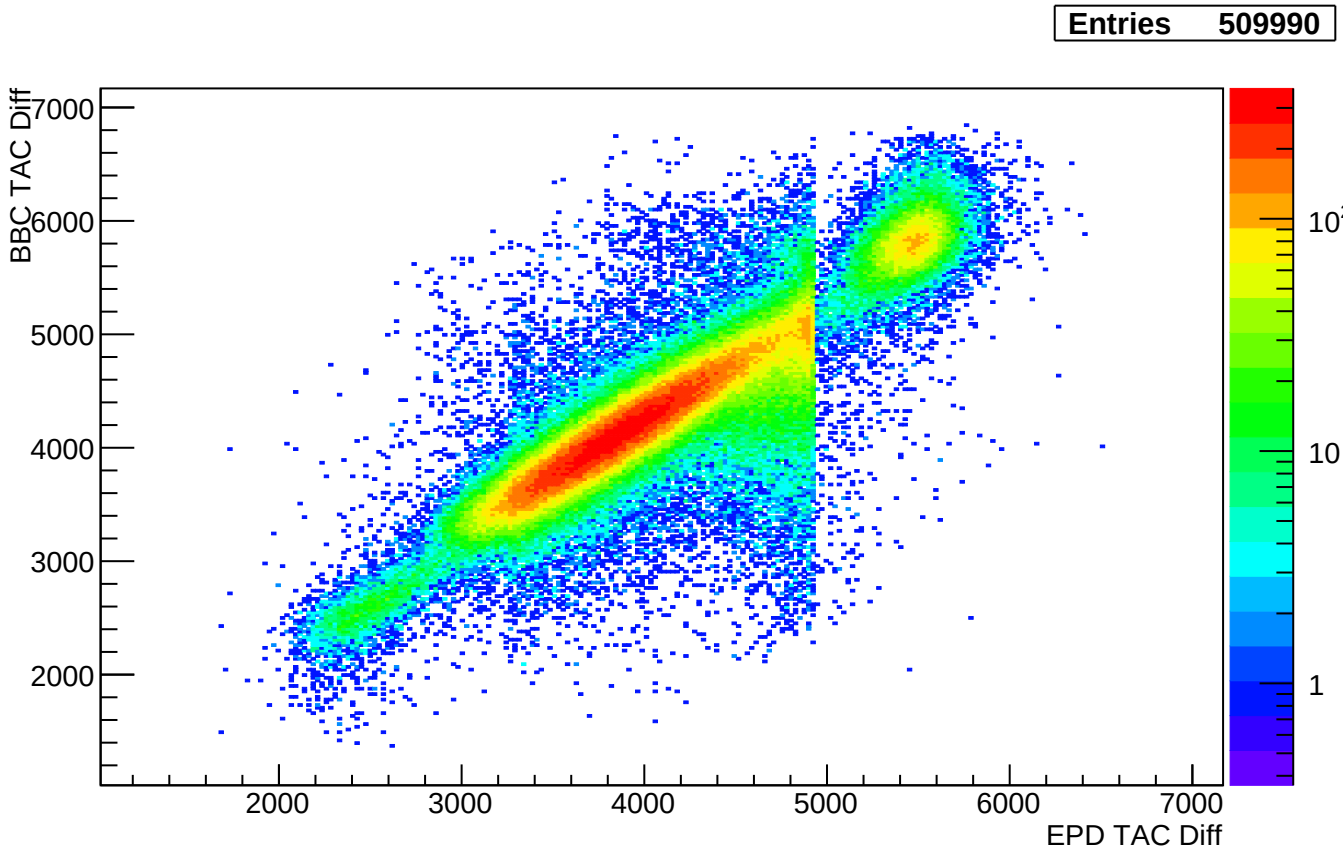

Entries 509990
TOF_Mult
BBC-S-West ADC Sum

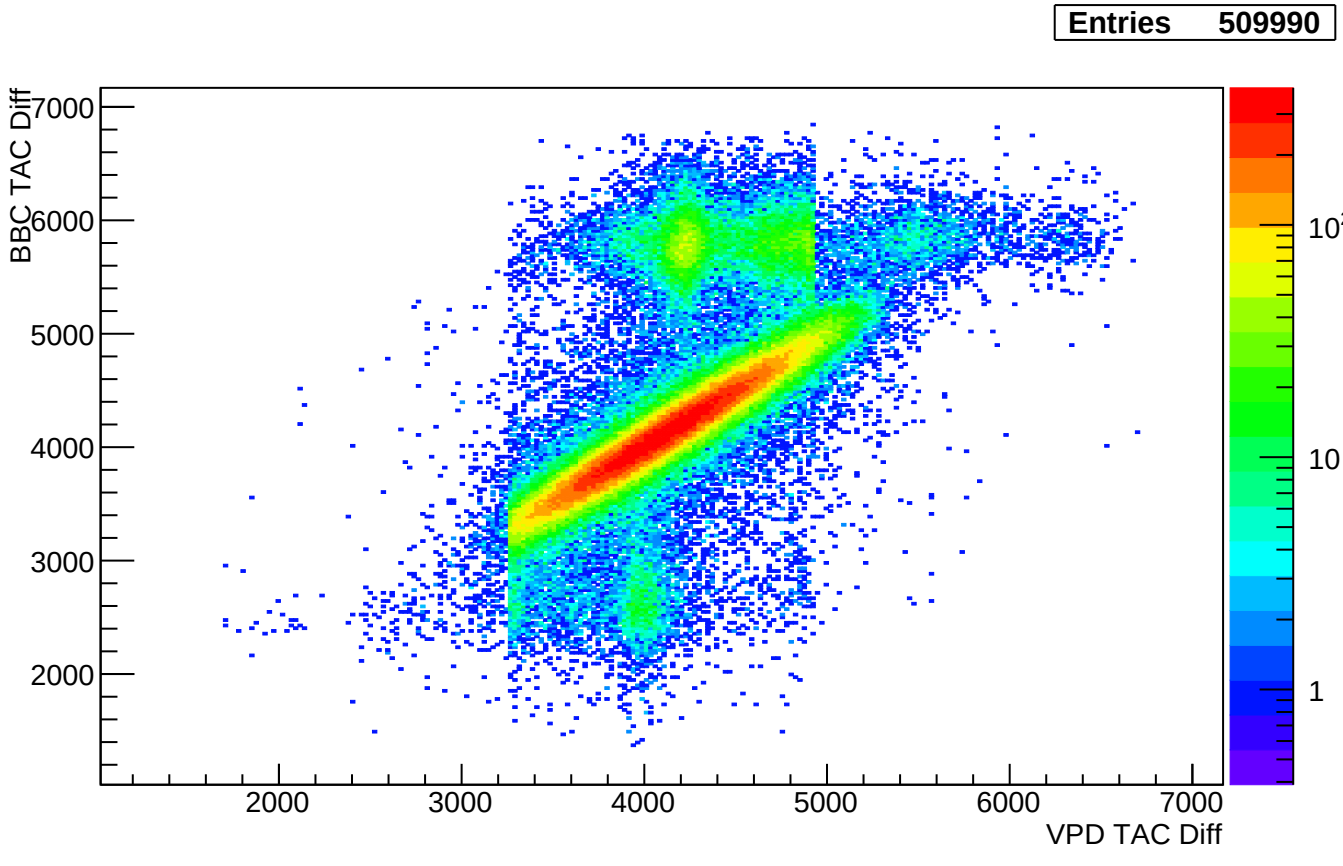

Entries 509990
TOF_Mult
EPD-East Hit Cnt

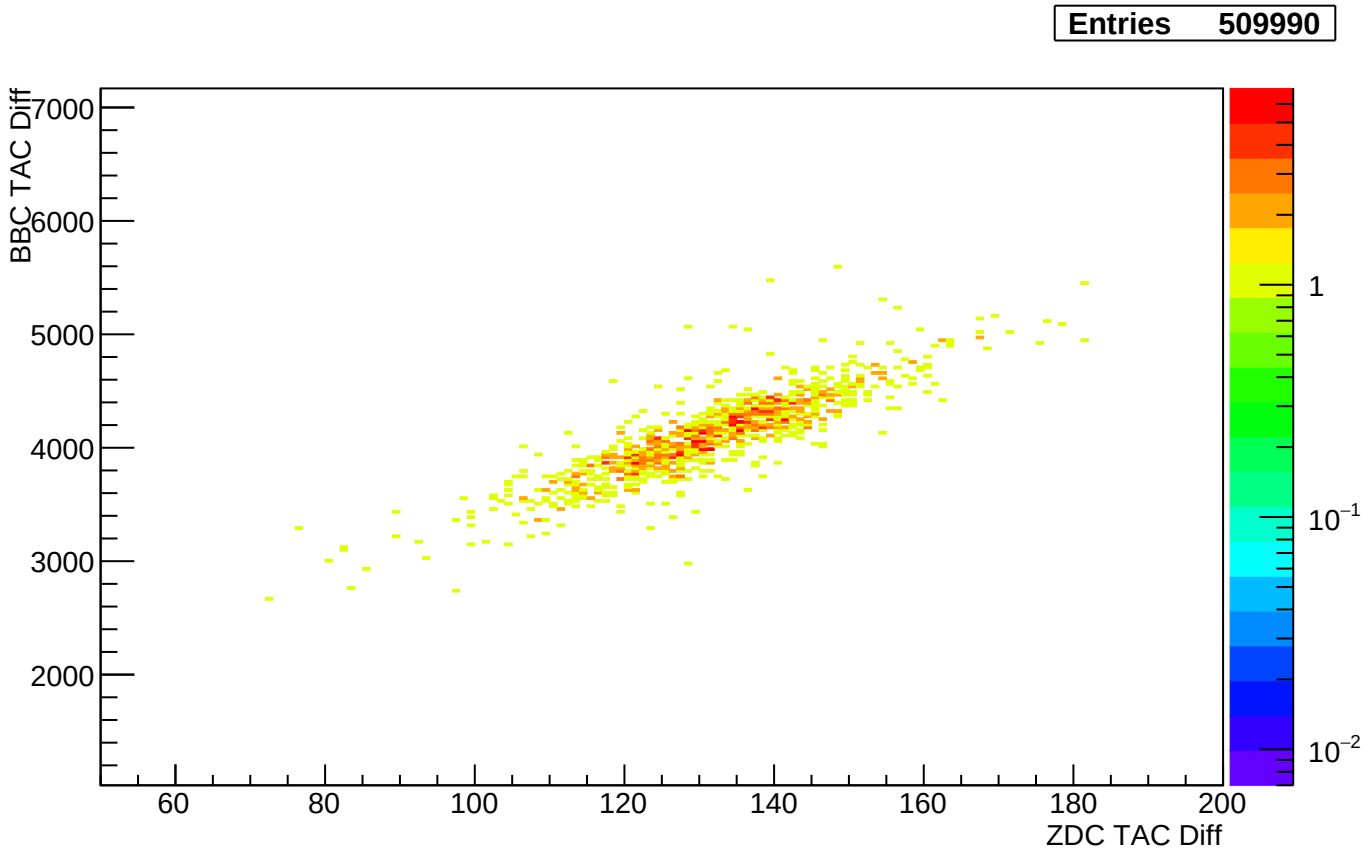

Entries 509990
TOF_Mult
EPD-West Hit Cnt

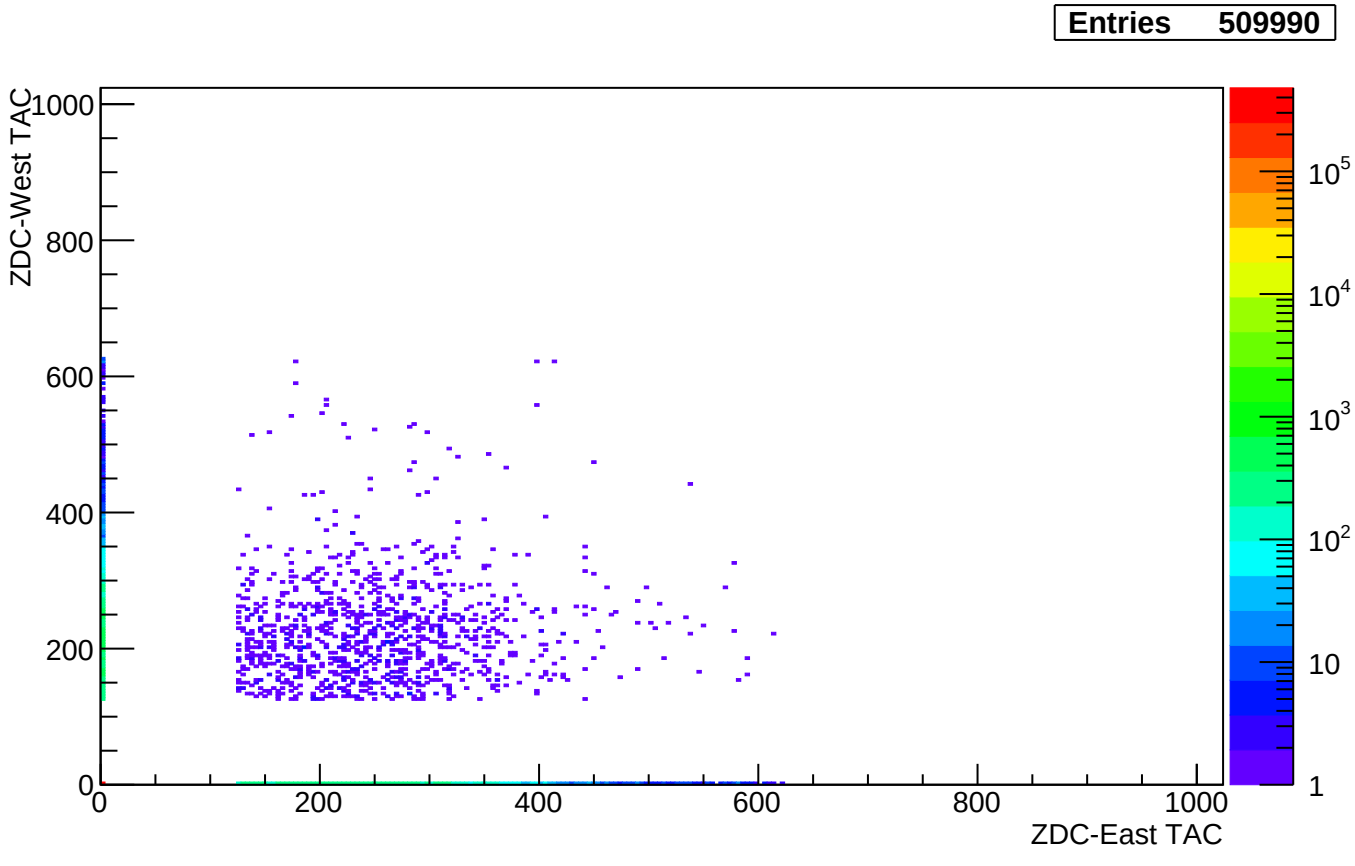

Entries 509990
TOF_Mult
VPD-East ADC Sum

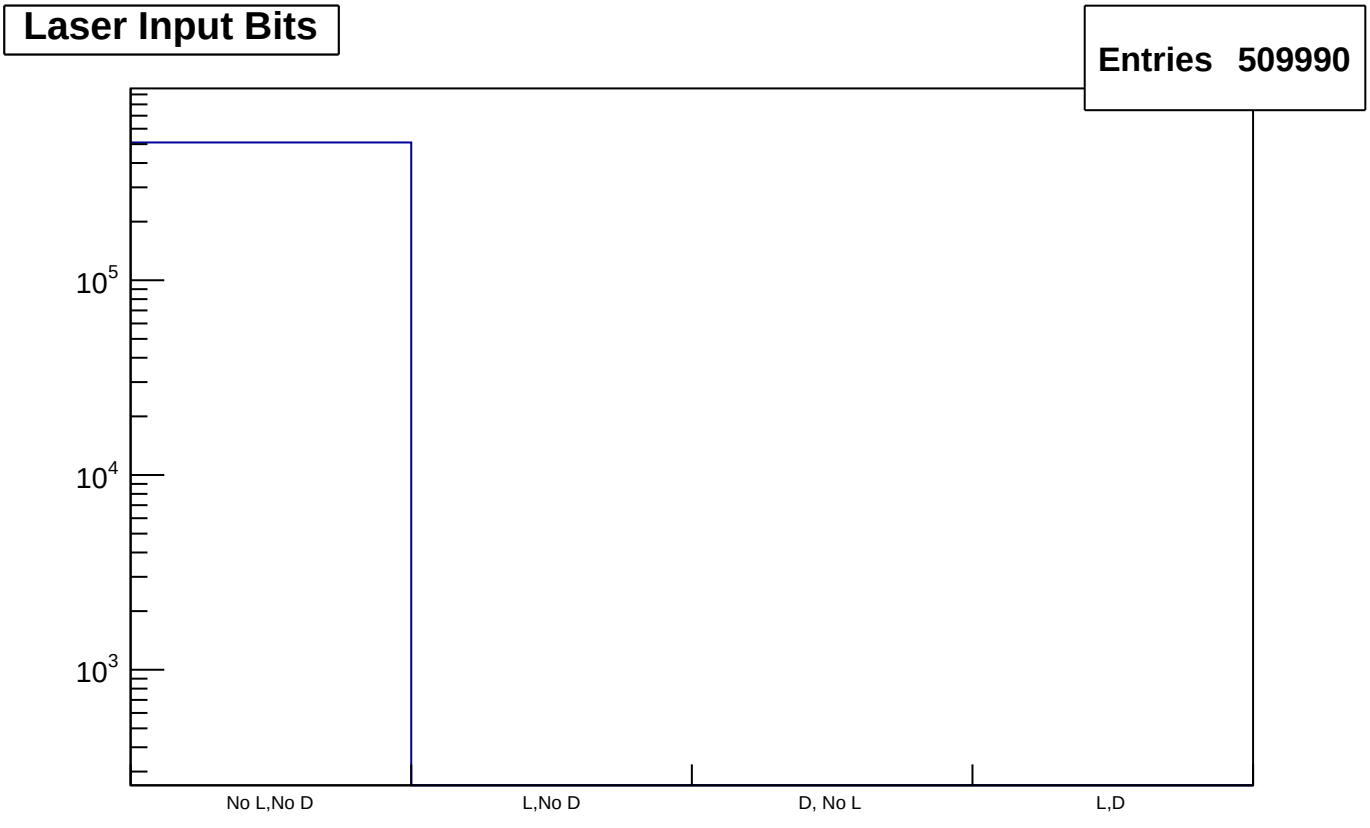

Entries 509990
TOF_Mult
VPD-West ADC Sum

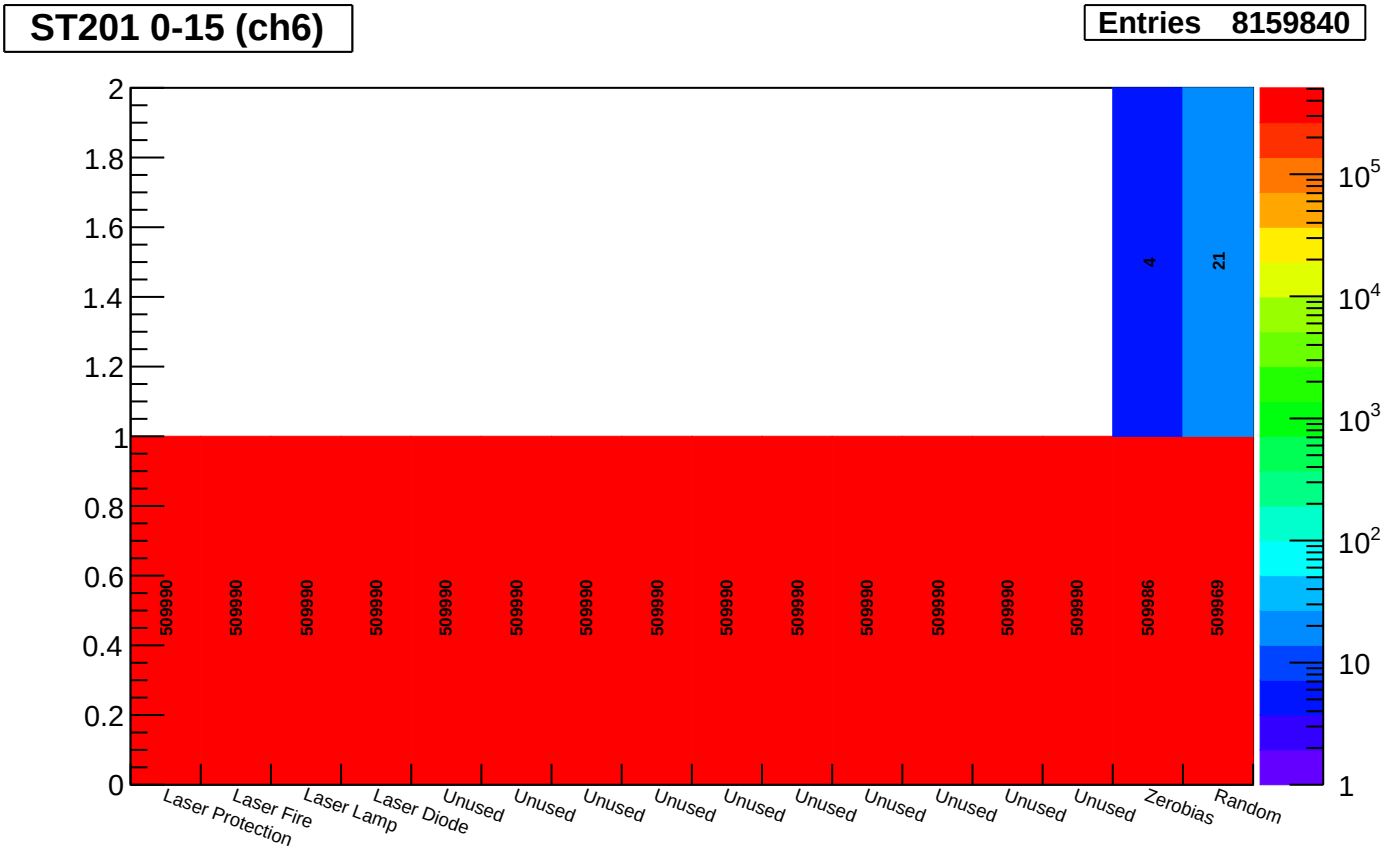

Entries 509990
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

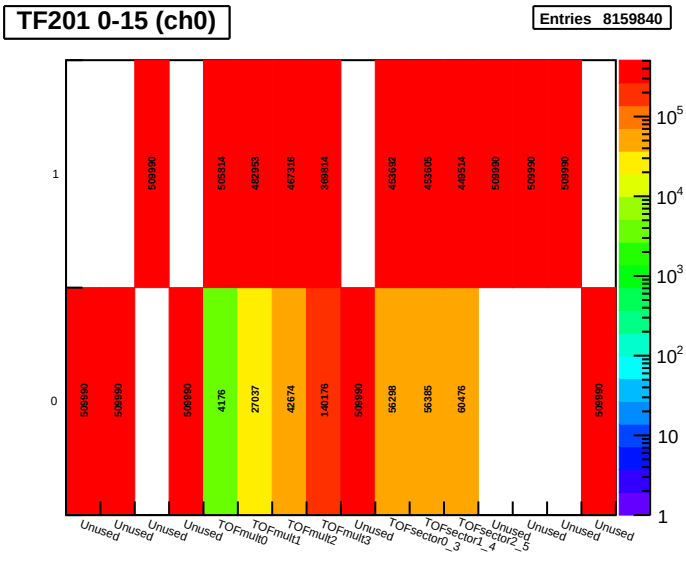

Entries 509990
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

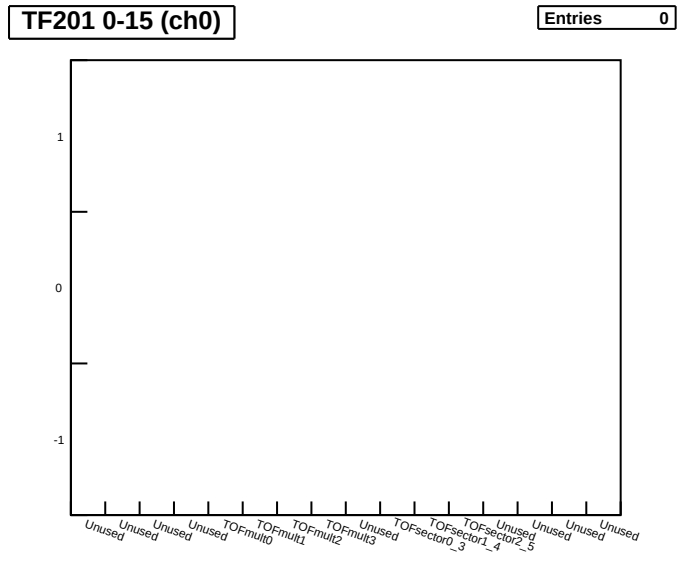

Entries 509990
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

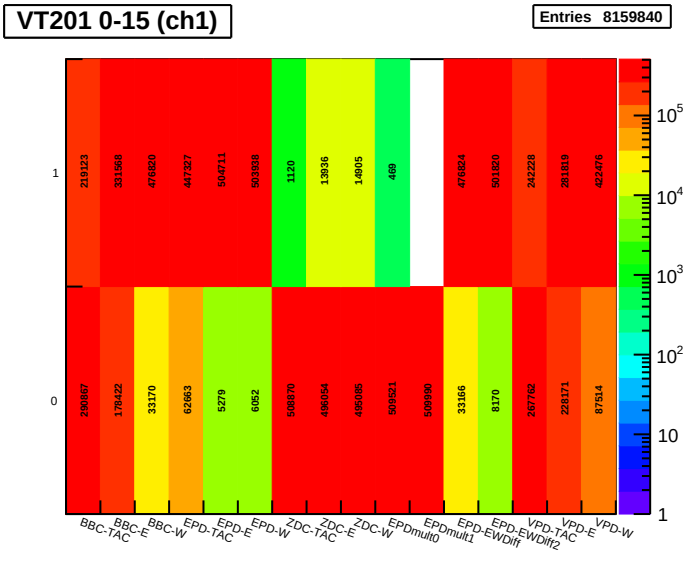

Entries 509990
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

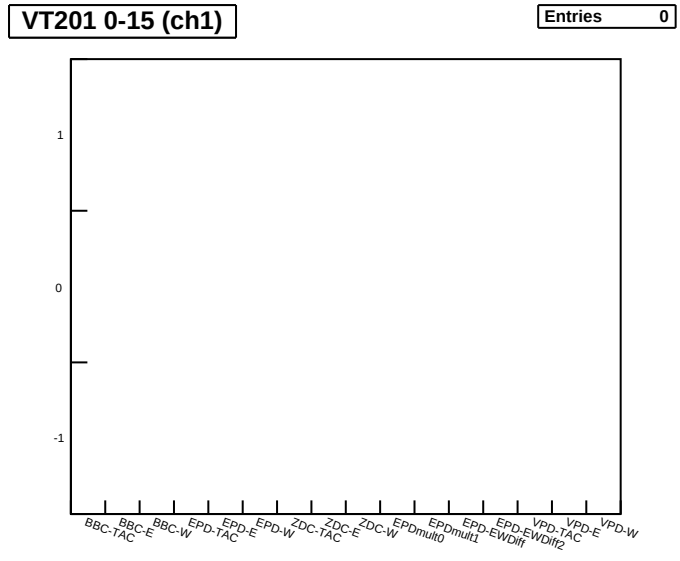

Laser Input Bits
Entries 509990
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

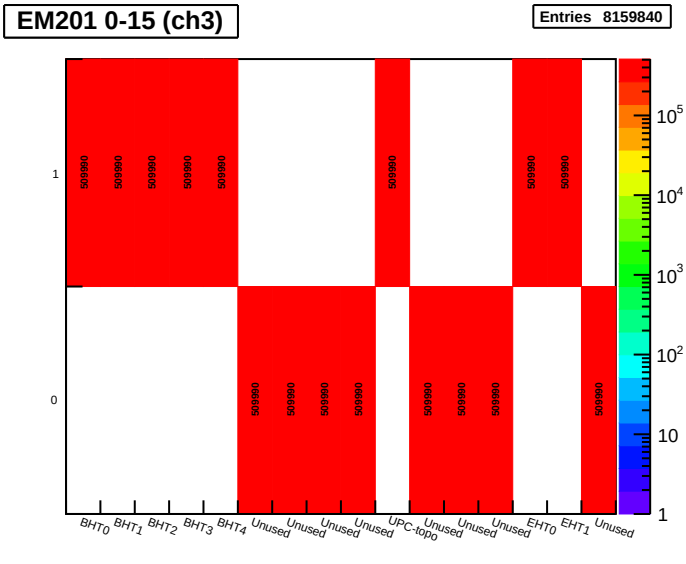

ST201 0-15 (ch6)
Entries 8159840
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509986
509969
4
21
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

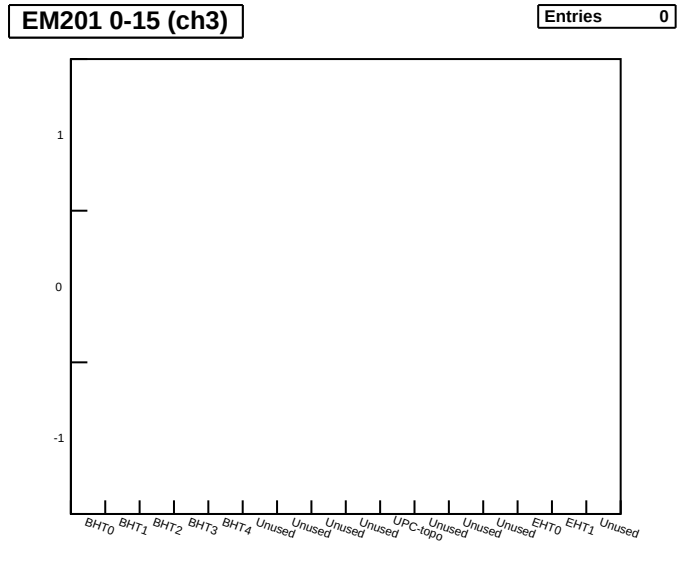

TF201 0-15 (ch0)
Entries 8159840
1
0
509990
505814
482953
467316
369814
453692
453605
449514
509990
509990
509990
509990
509990
509990
4176
27037
42674
140176
509990
56298
56385
60476
509930
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused


VT201 0-15 (ch1)
Entries 8159840
1
0
219123
331568
476820
447327
504711
503938
1120
13936
14905
469
476824
501820
242228
281819
422476
290867
178422
33170
62663
5279
6052
508870
498054
495085
509521
509990
33166
8170
267762
228171
87514
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 8159840
1
0
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
509990
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