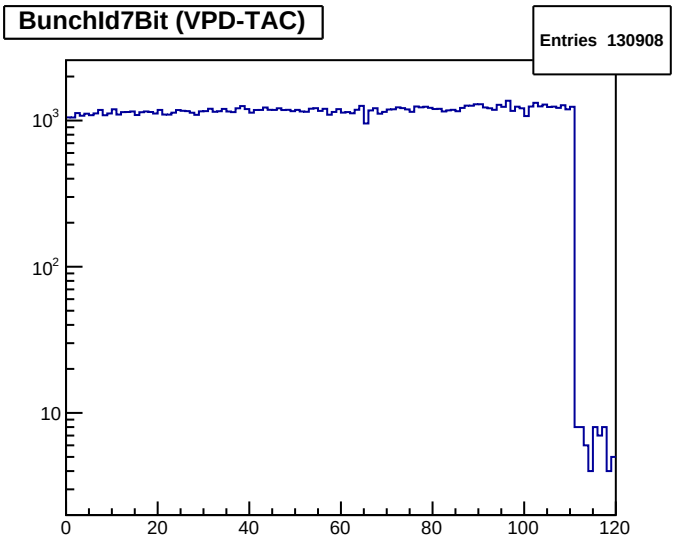
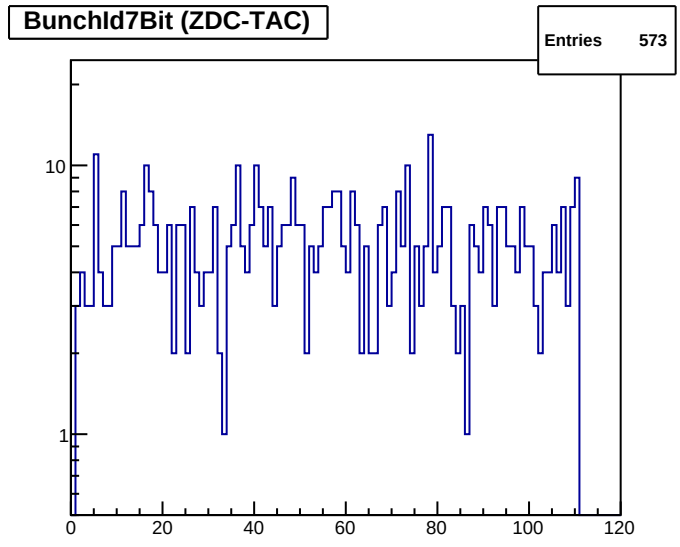
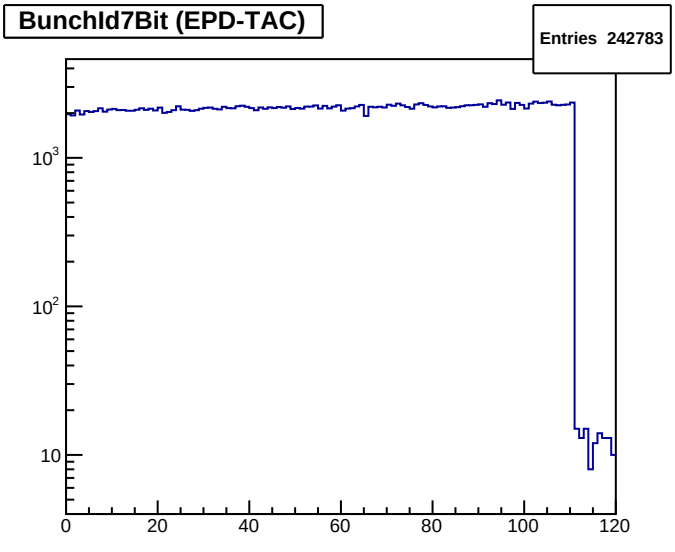
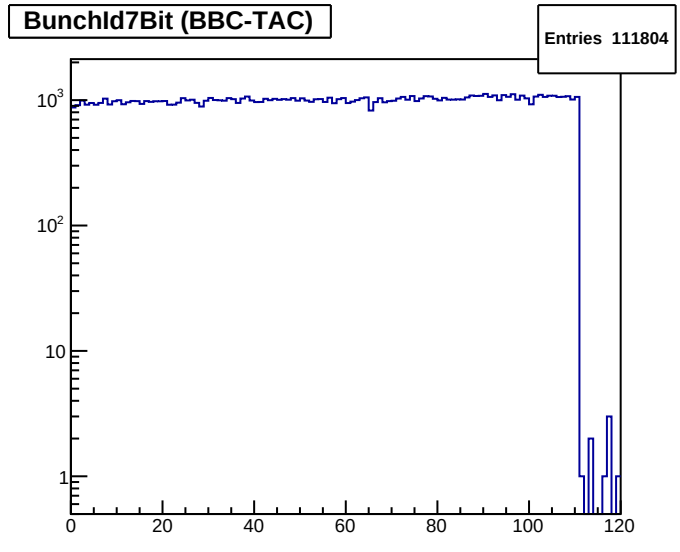
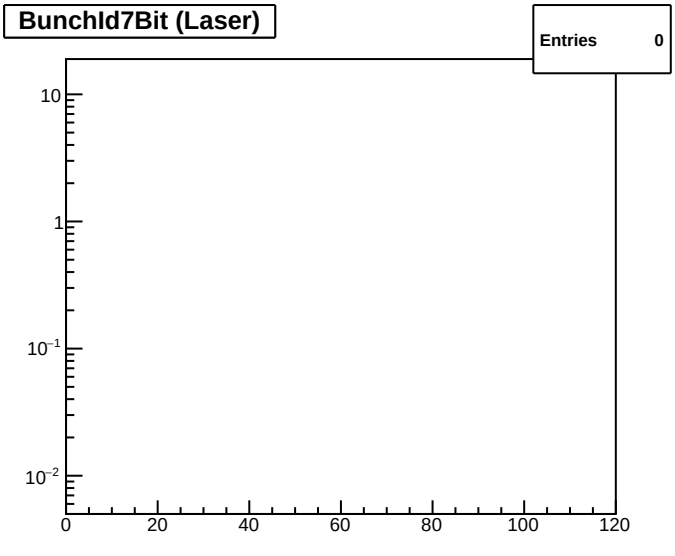
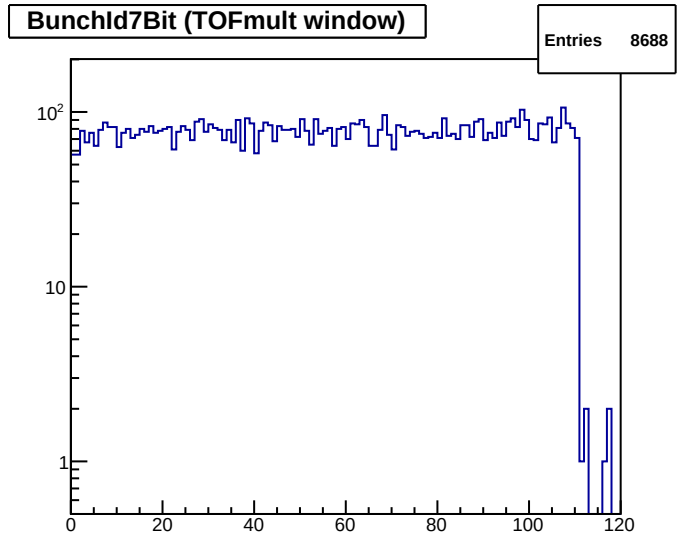

BunchId7Bit (VPD-TAC)
Entries 130908

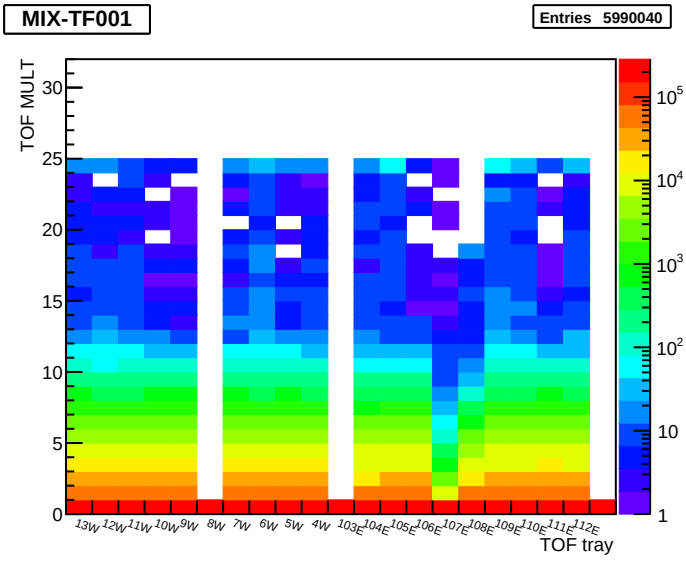

BunchId7Bit (ZDC-TAC)
Entries 573

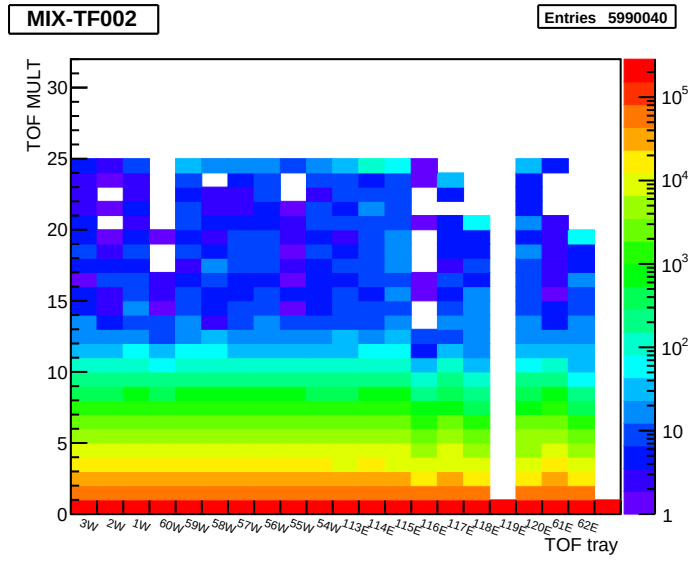

BunchId7Bit (EPD-TAC)
Entries 242783

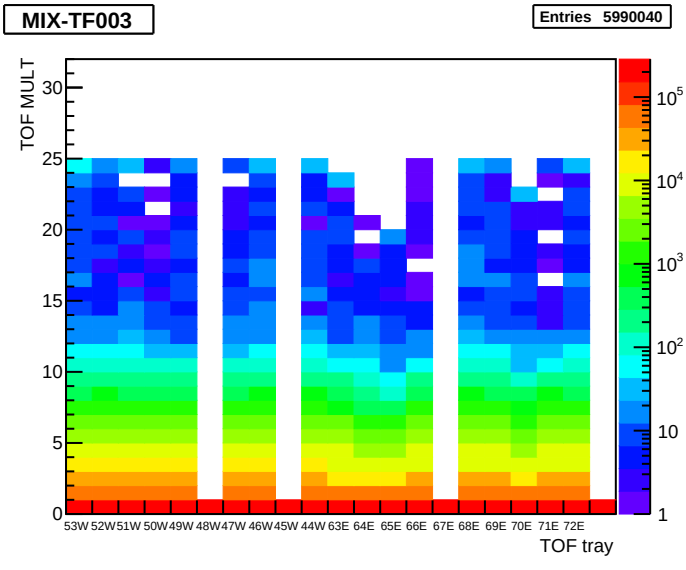

BunchId7Bit (BBC-TAC)
Entries 111804

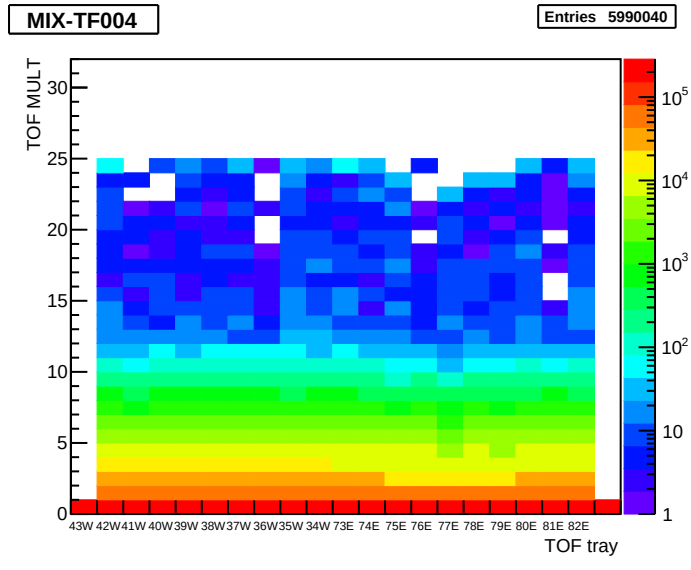

BunchId7Bit (Laser)
Entries 0

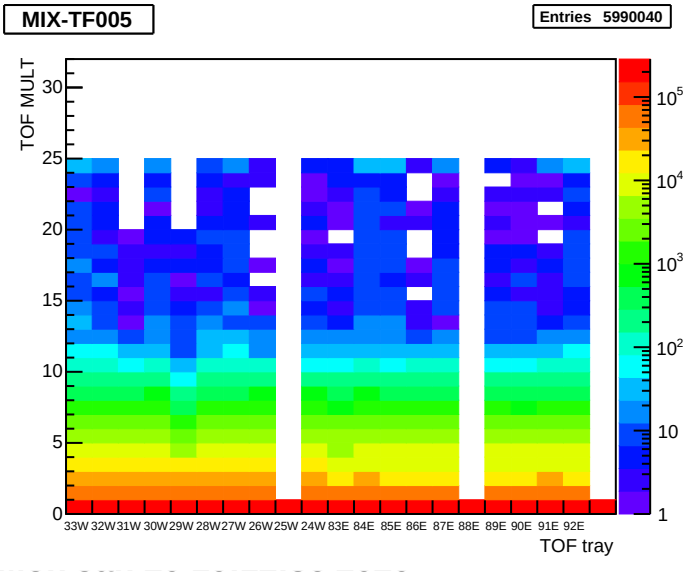

BunchId7Bit (TOFmult window)
Entries 8688

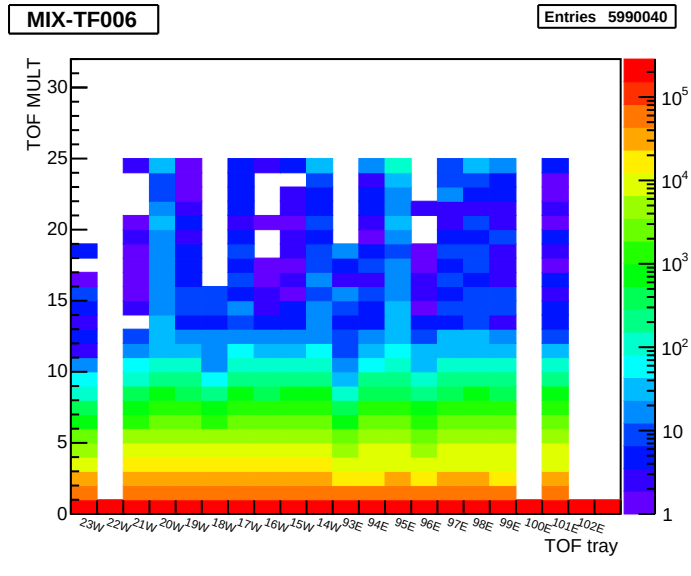

MIX-TF001
Entries 5990040
TOF MULT
TOF tray

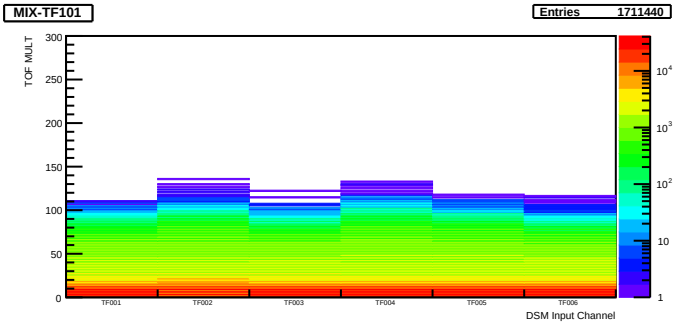

MIX-TF002
Entries 5990040
TOF MULT
TOF tray

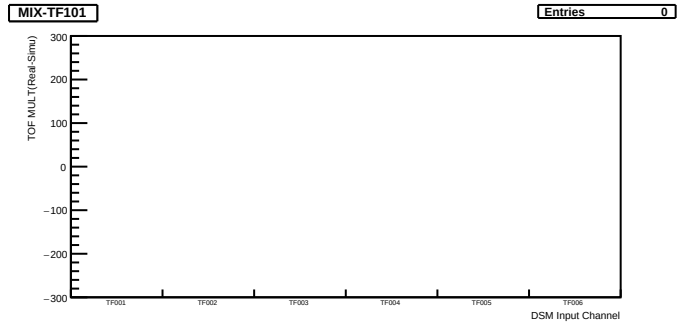

MIX-TF003
Entries 5990040
TOF MULT
TOF tray

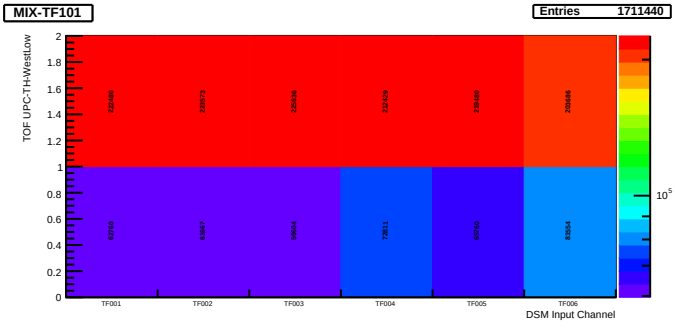

MIX-TF004
Entries 5990040
TOF MULT
TOF tray

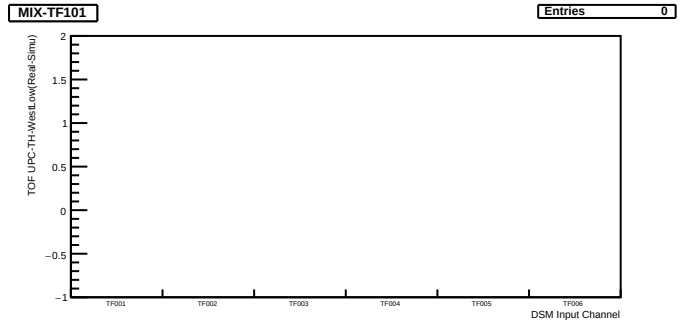

MIX-TF005
Entries 5990040
TOF MULT
TOF tray

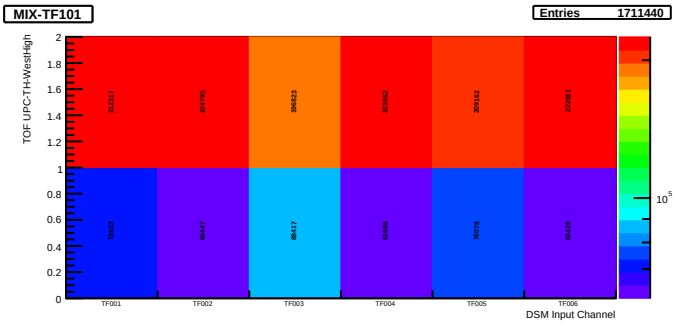

MIX-TF006
Entries 5990040
TOF MULT
TOF tray

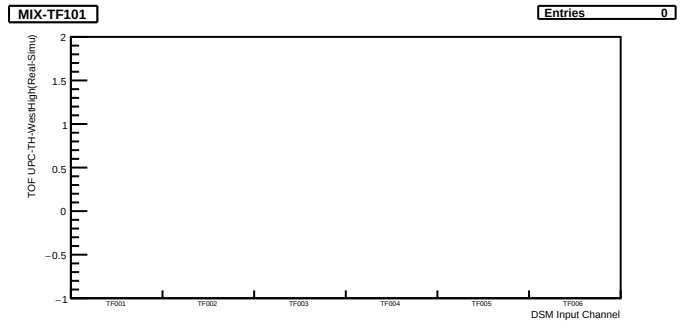

MIX-TF101
Entries 1711440
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

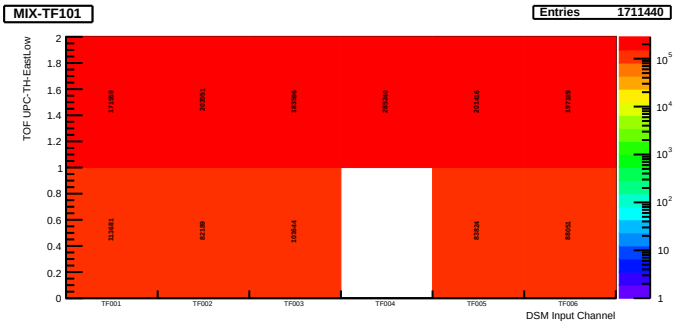

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

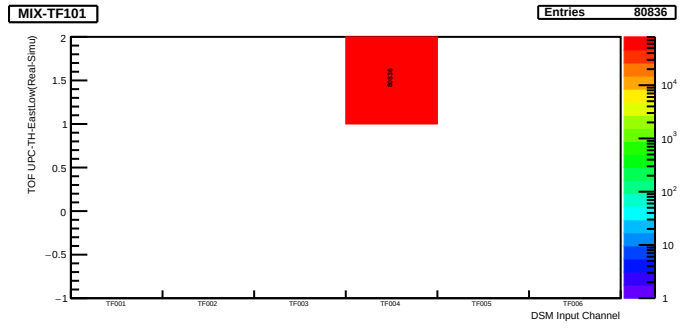

MIX-TF101
Entries 1711440
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

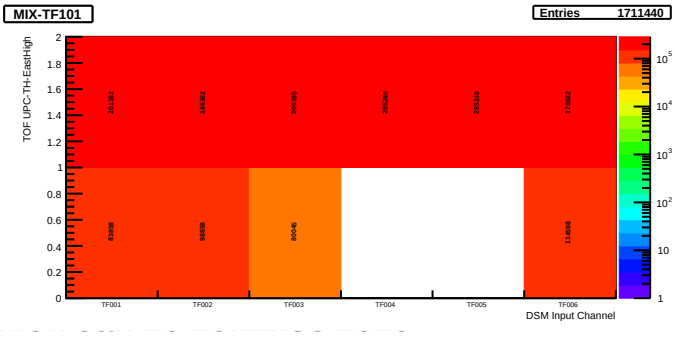

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

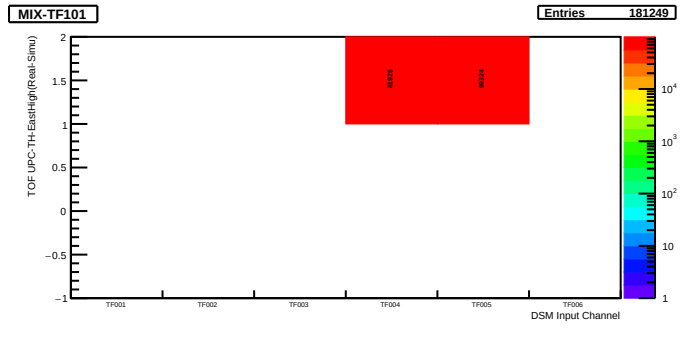

MIX-TF101
Entries 1711440
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

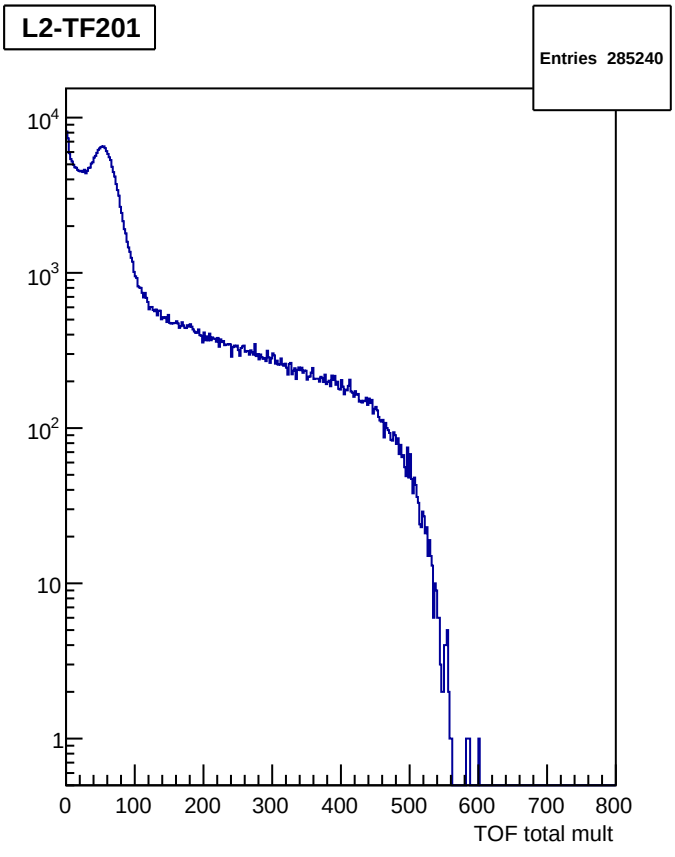

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

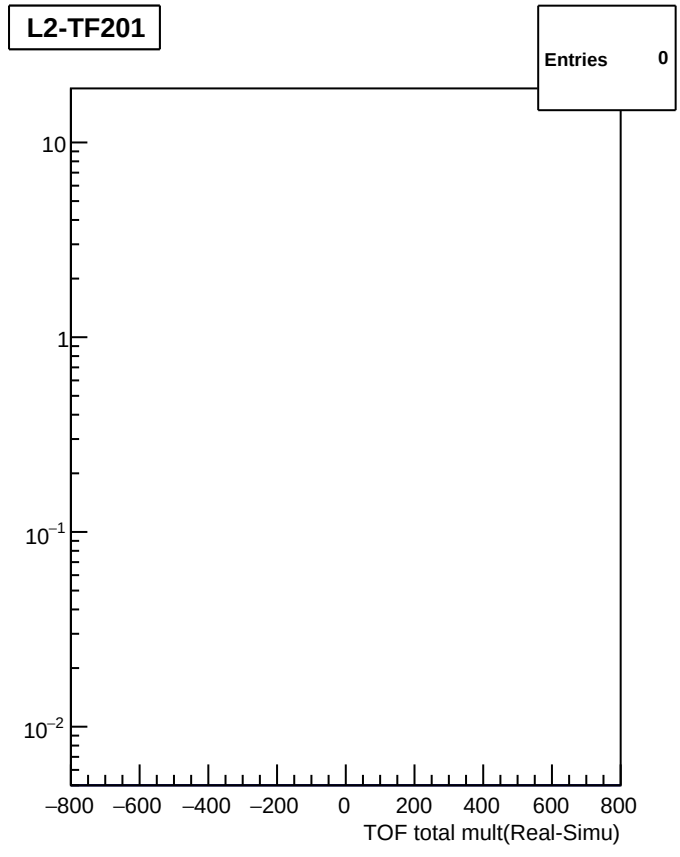

MIX-TF101
Entries 1711440
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

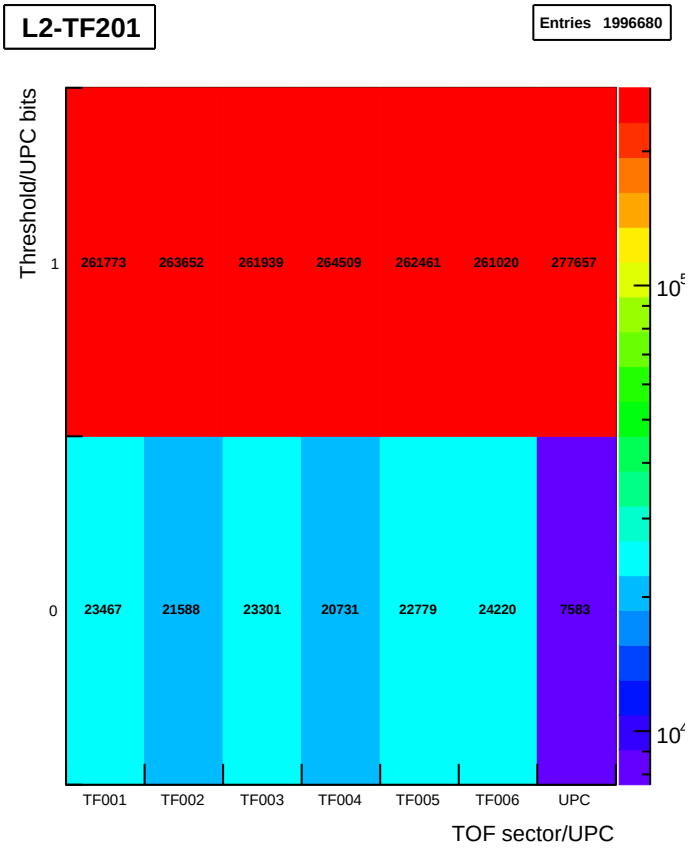

MIX-TF101
Entries 80836
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

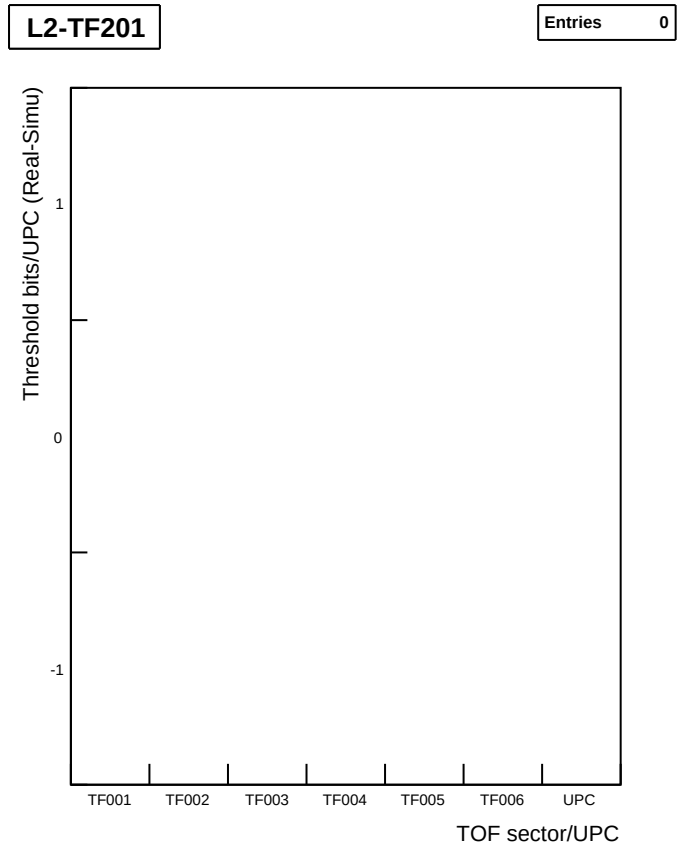

MIX-TF101
Entries 1711440
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

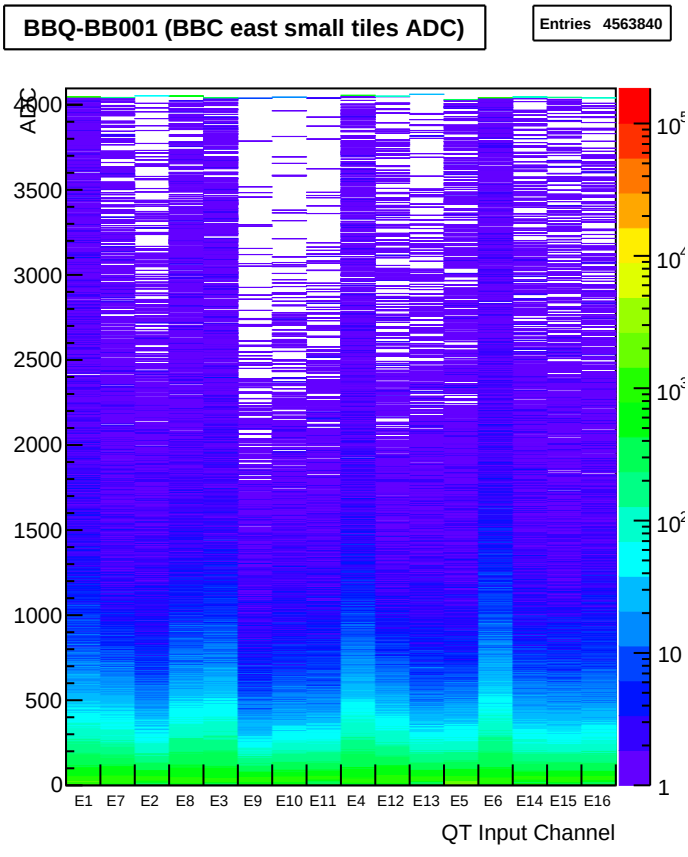

MIX-TF101
Entries 181249
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

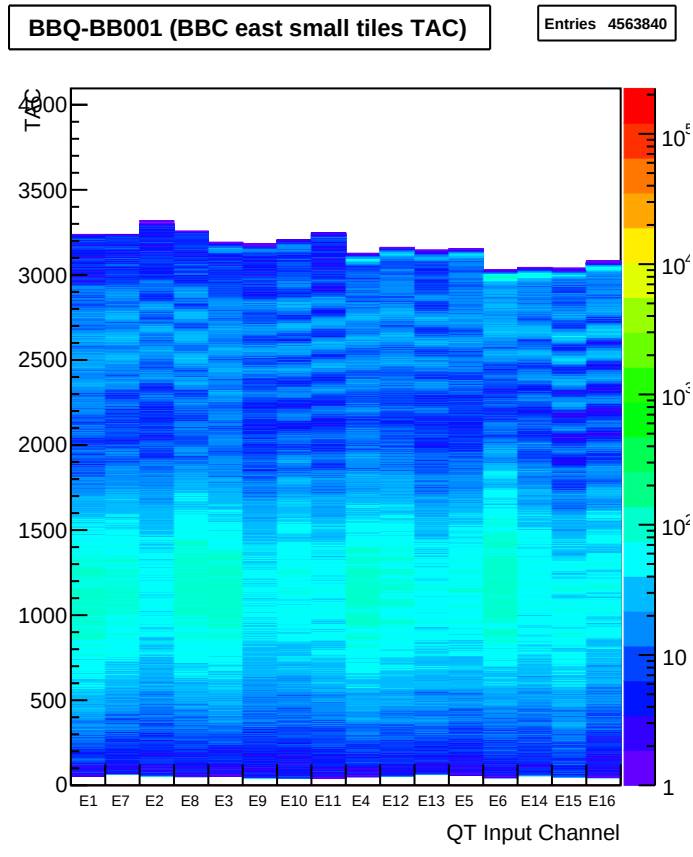

L2-TF201
Entries 285240
TOF total mult

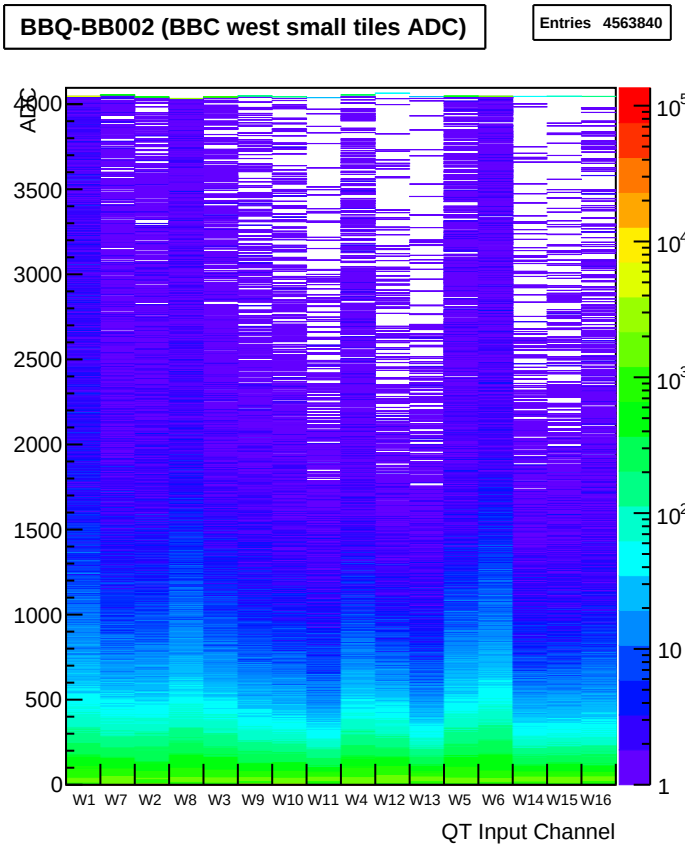

L2-TF201
Entries 0
TOF total mult(Real-Simu)

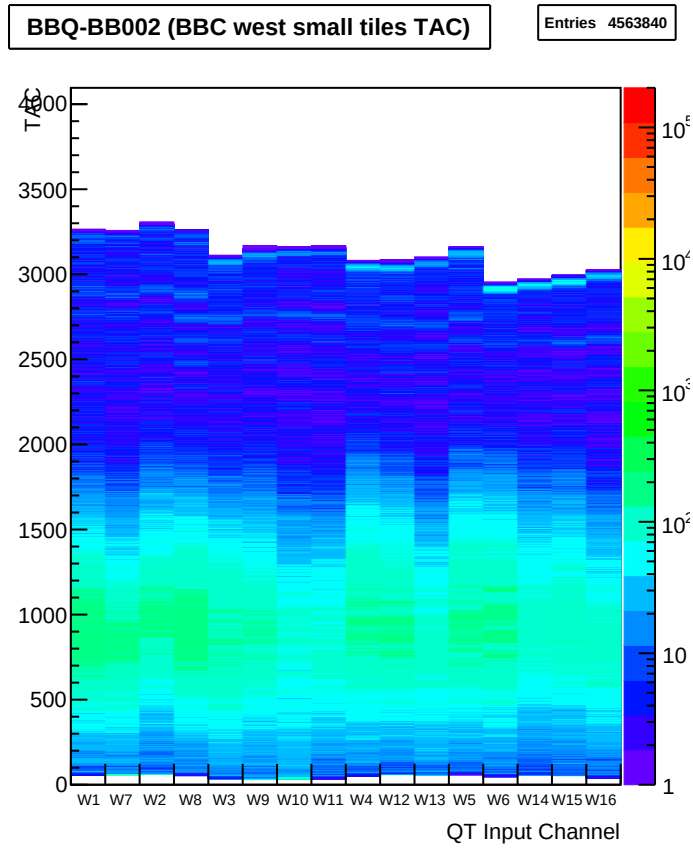

L2-TF201
Entries 1996680
Threshold/UPC bits
261773
263652
261939
264509
262461
261020
277657
23467
21588
23301
20731
22779
24220
7583
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

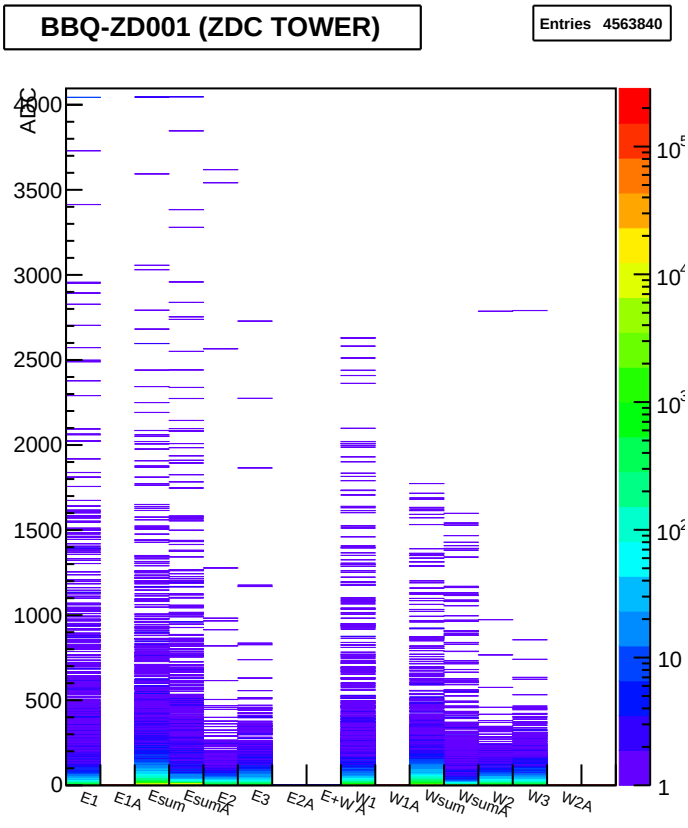

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

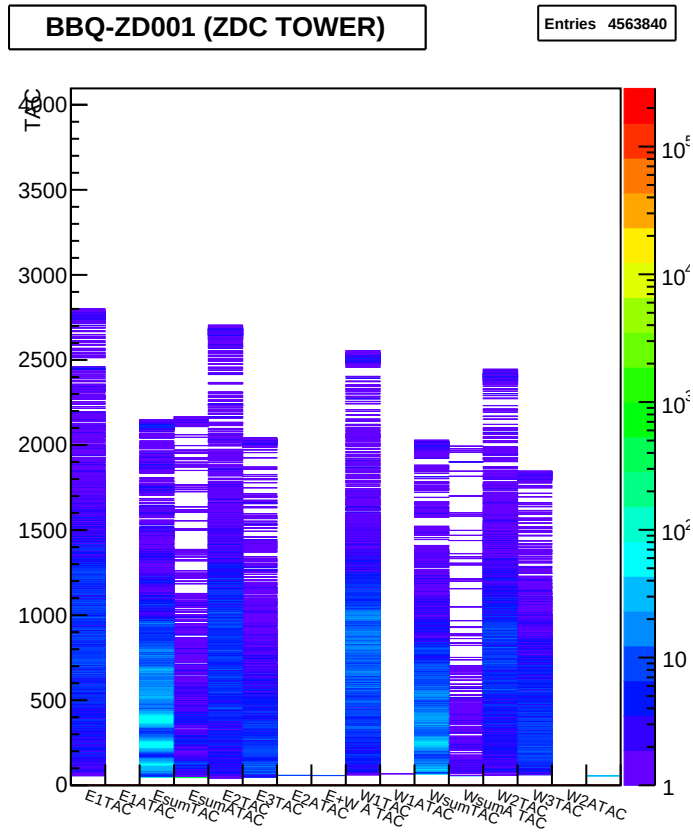

BBQ-BB001 (BBC east small tiles ADC)
Entries 4563840
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

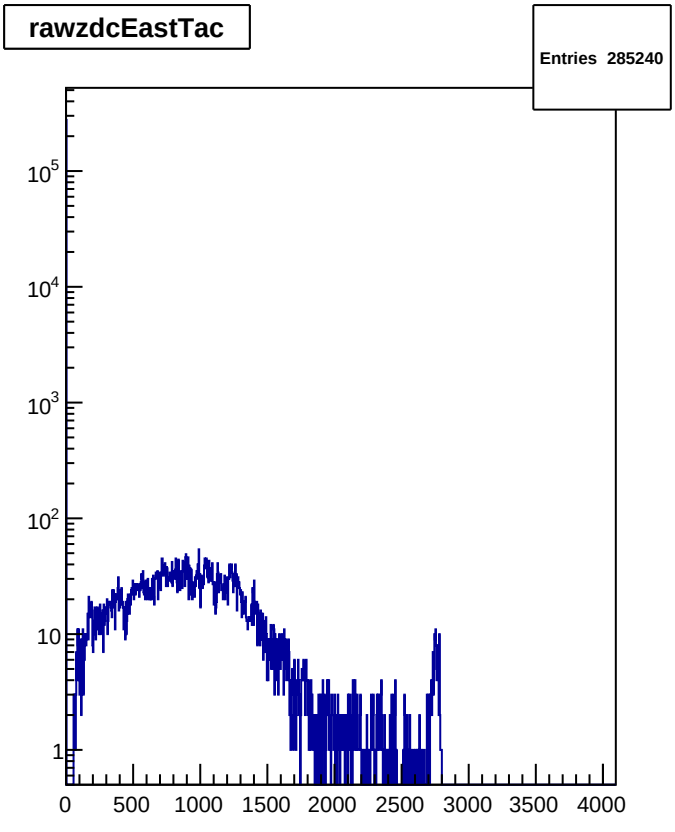

BBQ-BB001 (BBC east small tiles TAC)
Entries 4563840
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

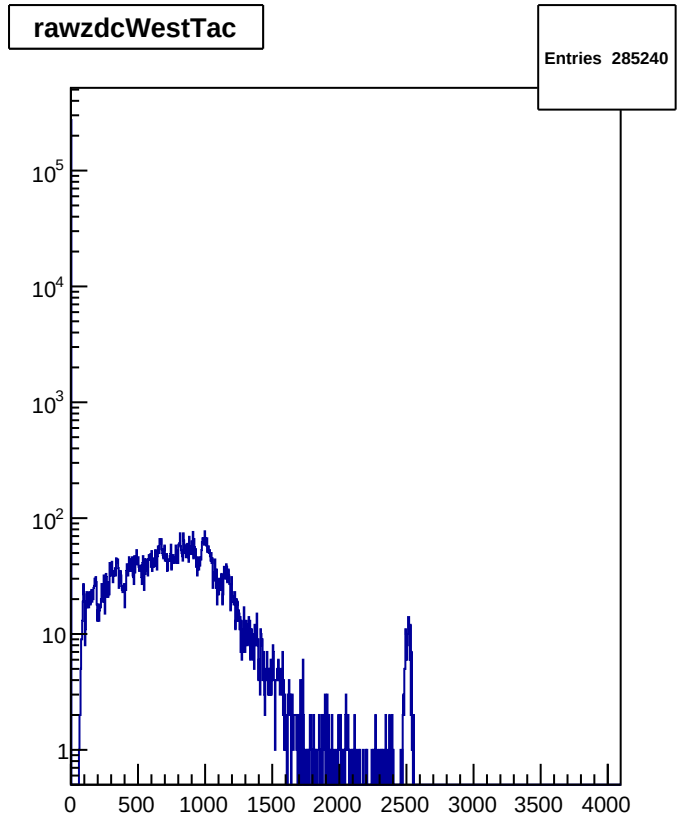

BBQ-BB002 (BBC west small tiles ADC)
Entries 4563840
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

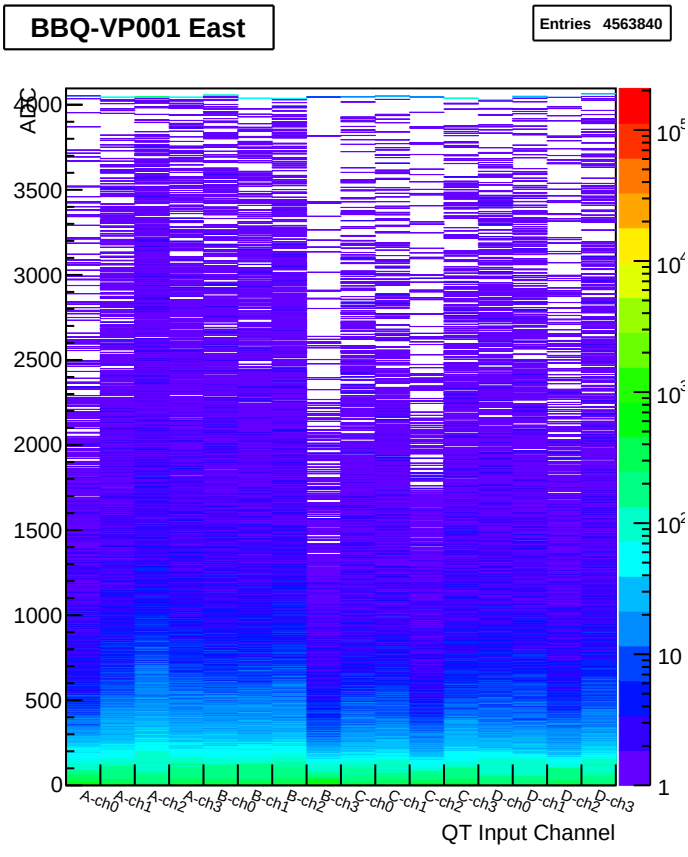

BBQ-BB002 (BBC west small tiles TAC)
Entries 4563840
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

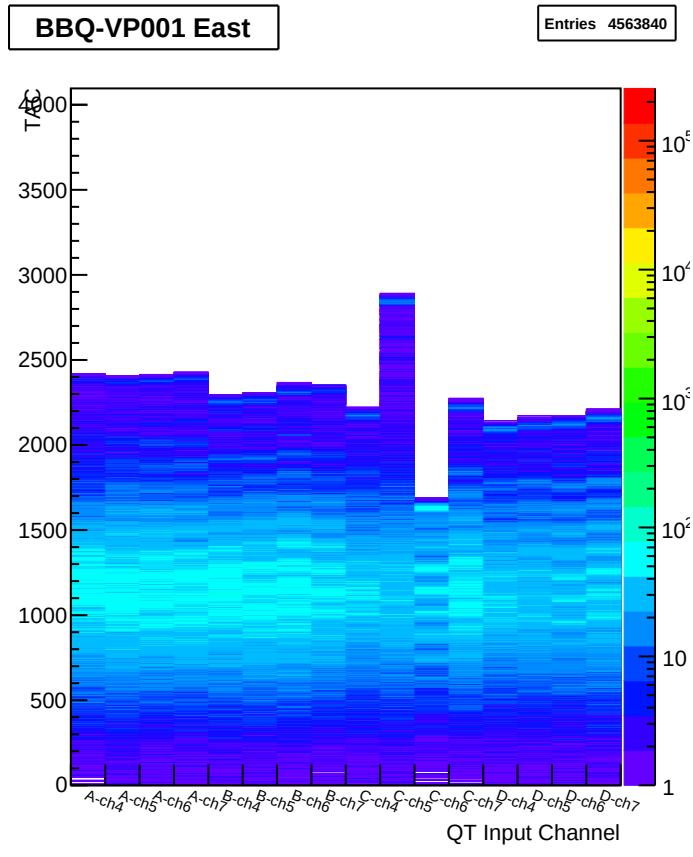

BBQ-ZD001 (ZDC TOWER)
Entries 4563840
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

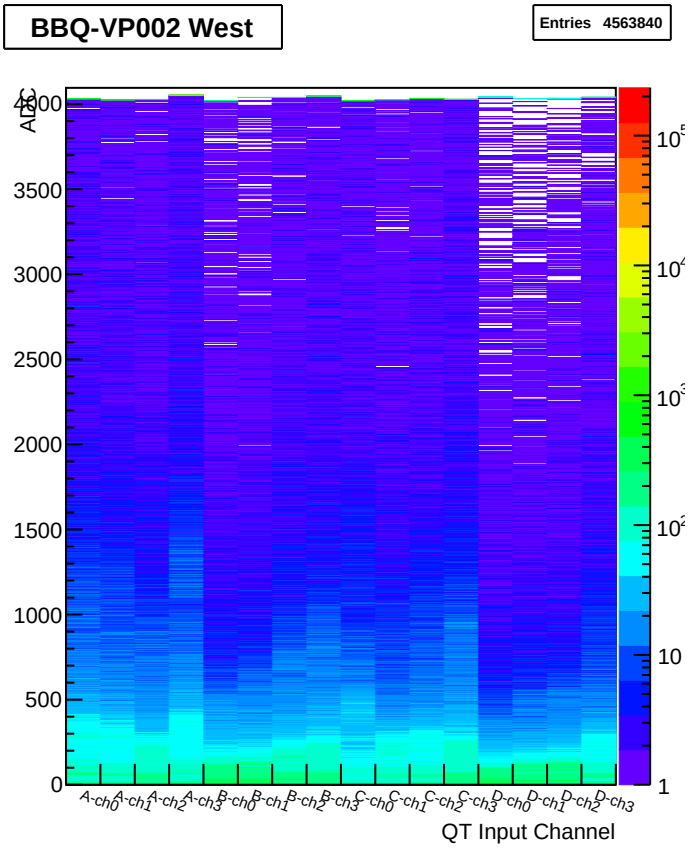

BBQ-ZD001 (ZDC TOWER)
Entries 4563840
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

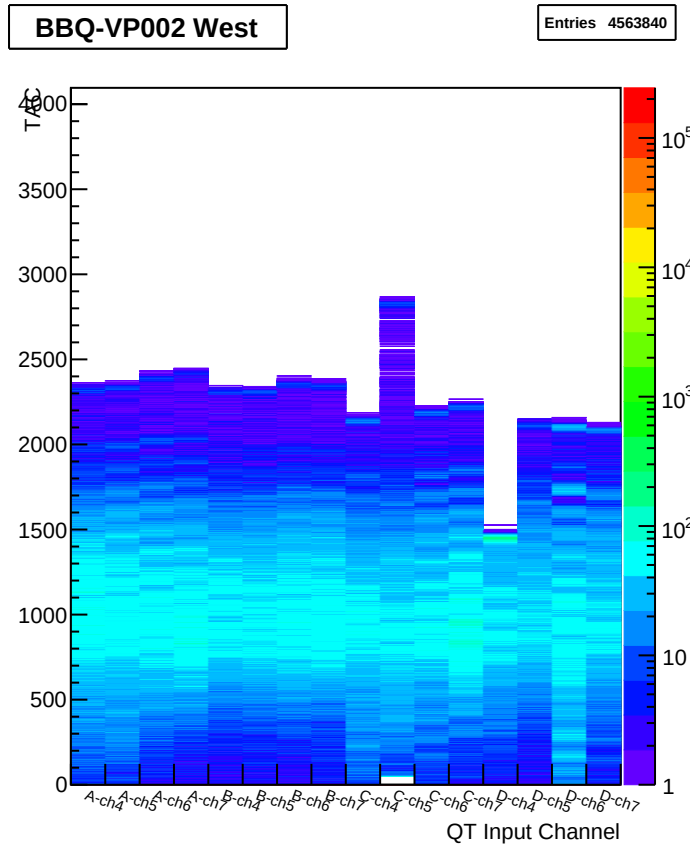

rawzdcEastTac
Entries 285240

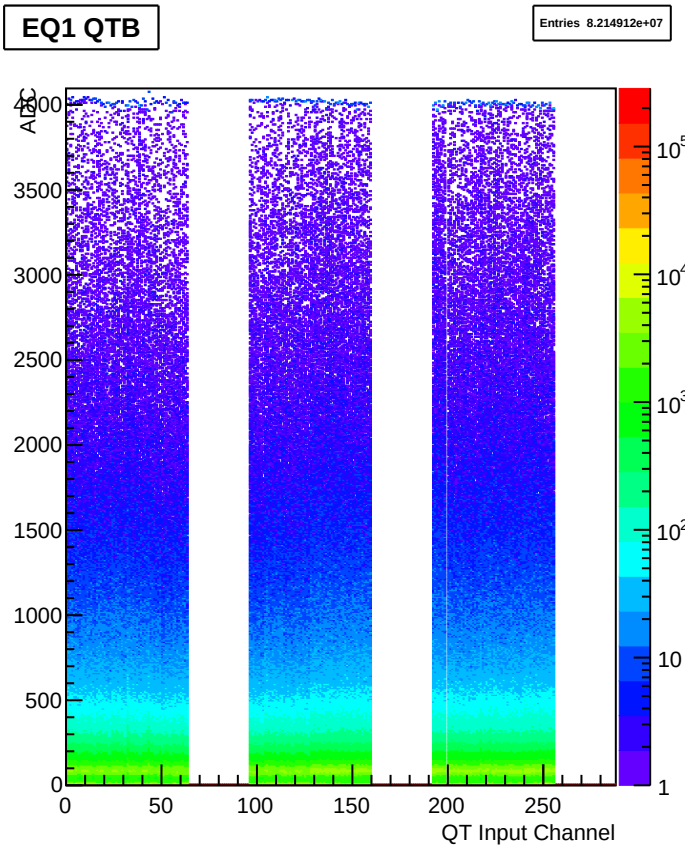

rawzdcWestTac
Entries 285240

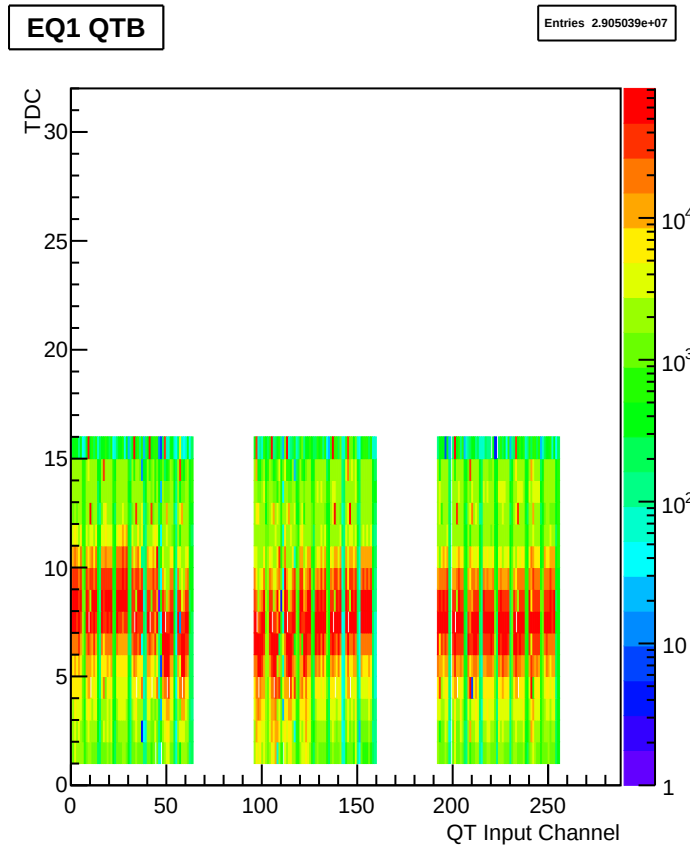

BBQ-VP001 East
Entries 4563840
ADC
QT Input Channel

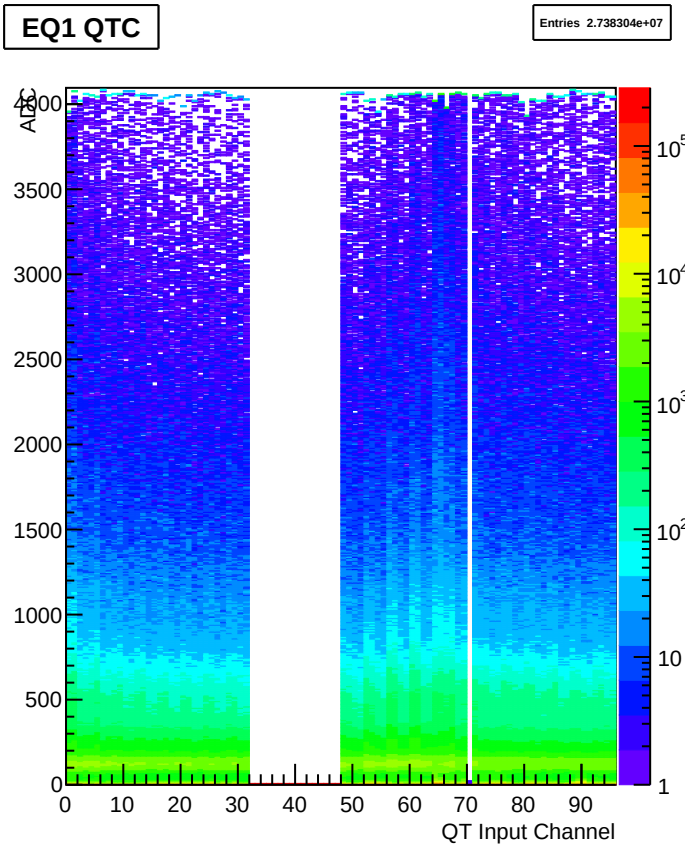

BBQ-VP001 East
Entries 4563840
ADC
QT Input Channel

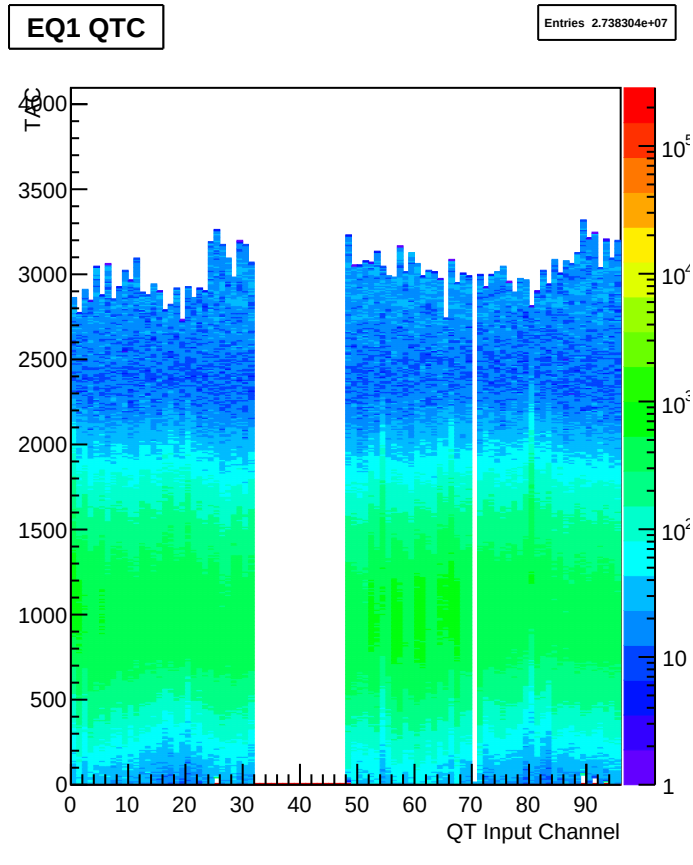

BBQ-VP002 West
Entries 4563840
ADC
QT Input Channel

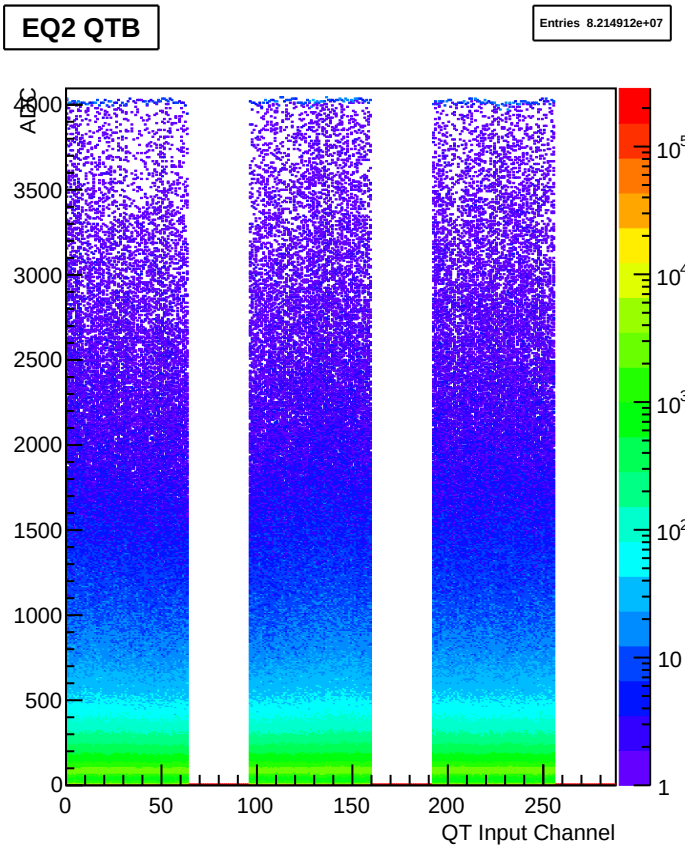

BBQ-VP002 West
Entries 4563840
ADC
QT Input Channel

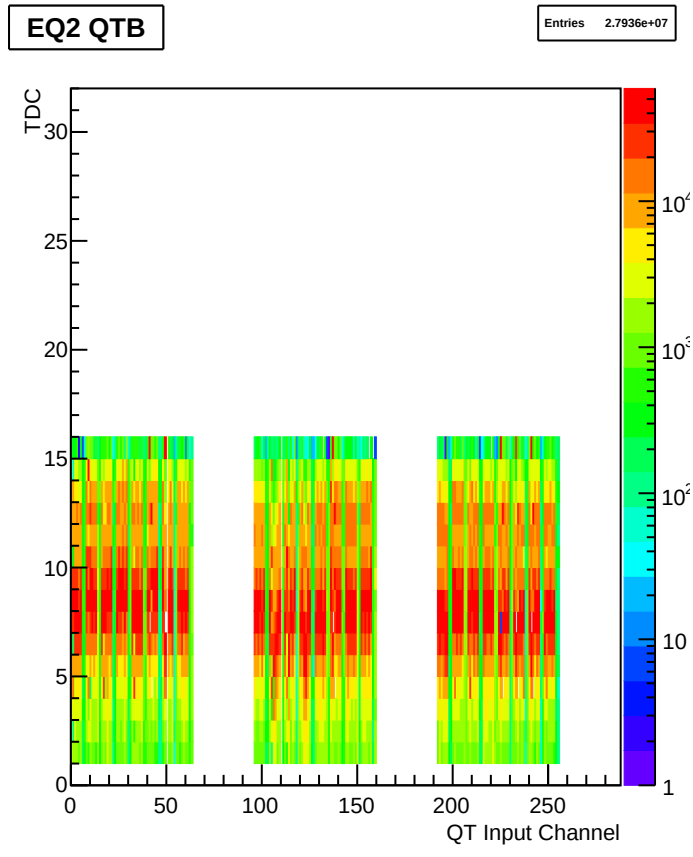

EQ1 QTB
Entries 8.214912e+07
ADC
QT Input Channel

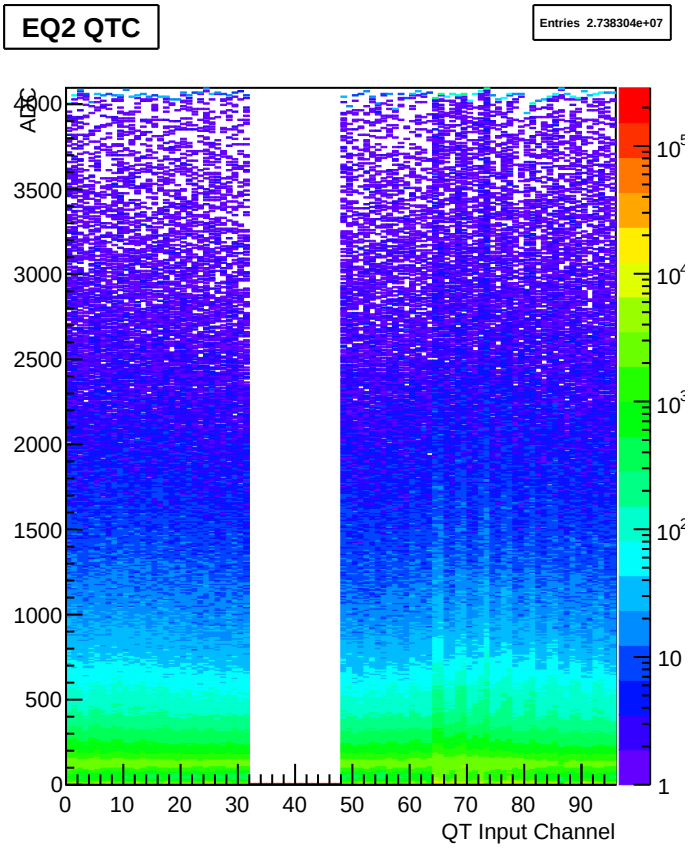

EQ1 QTB
Entries 2.905039e+07
TDC
QT Input Channel

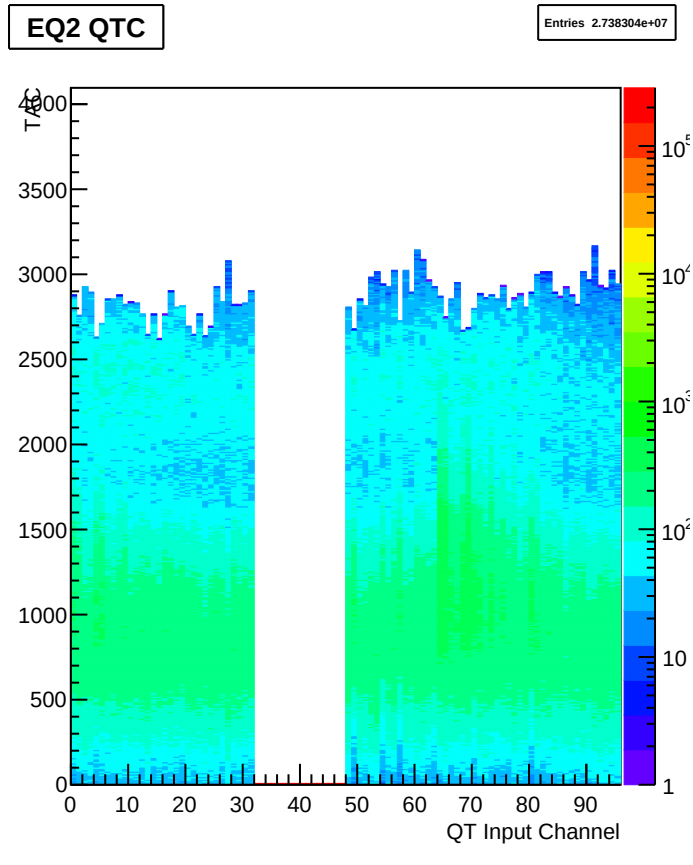

EQ1 QTC
Entries 2.738304e+07
ADC
QT Input Channel

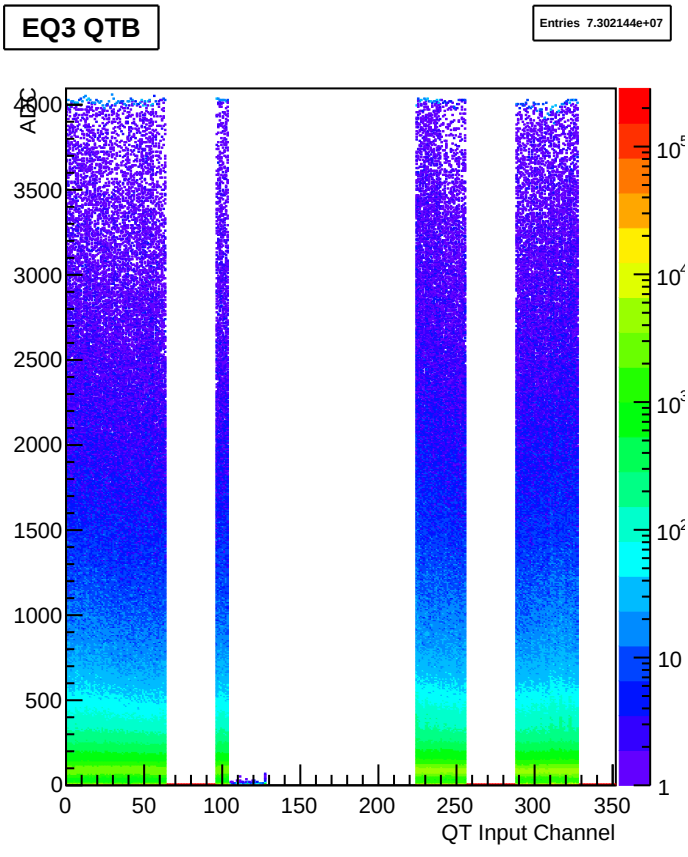

EQ1 QTC
Entries 2.738304e+07
TADC
QT Input Channel

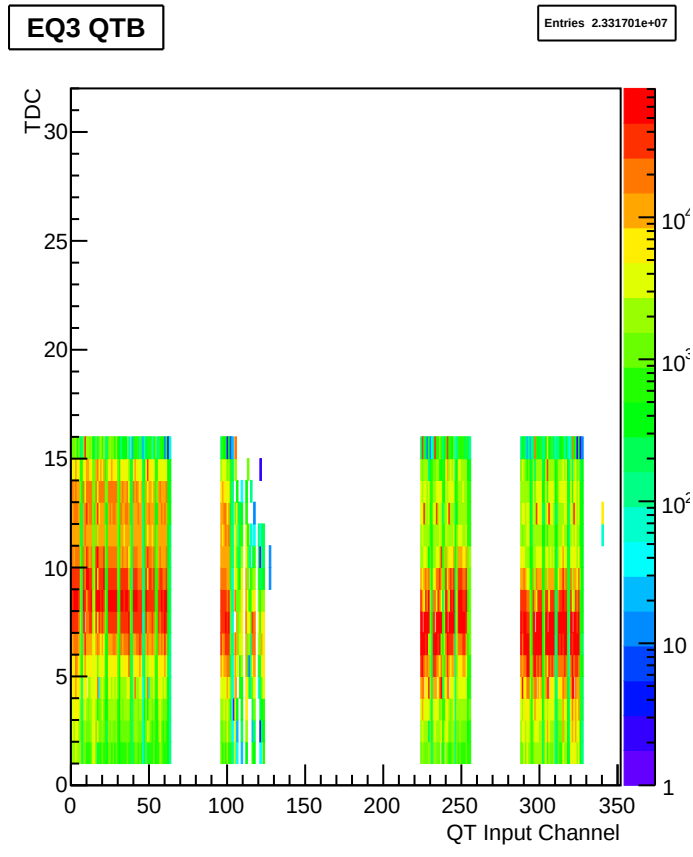

EQ2 QTB
Entries 8.214912e+07
ADC
QT Input Channel

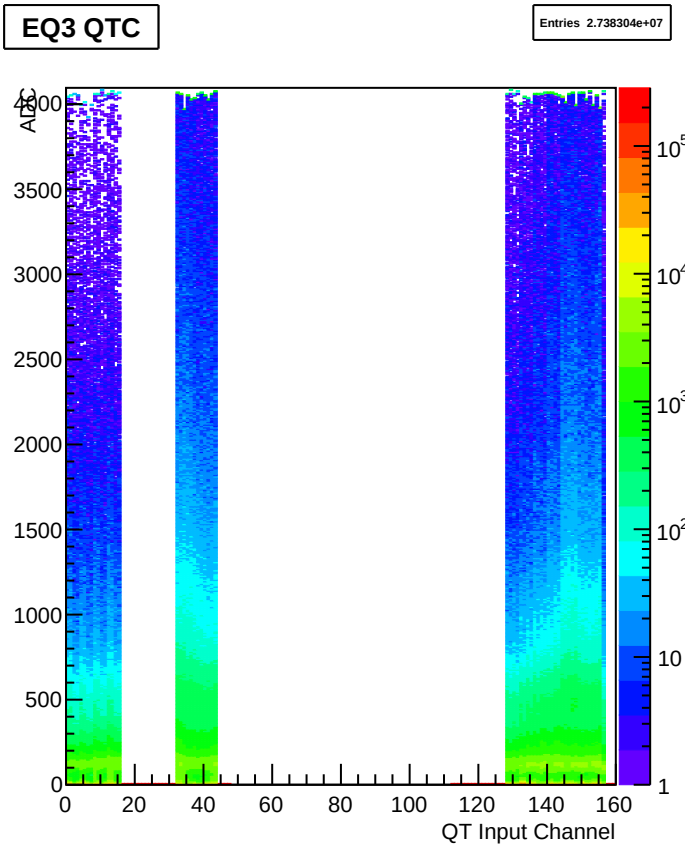

EQ2 QTB
Entries 2.7936e+07
TDC
QT Input Channel

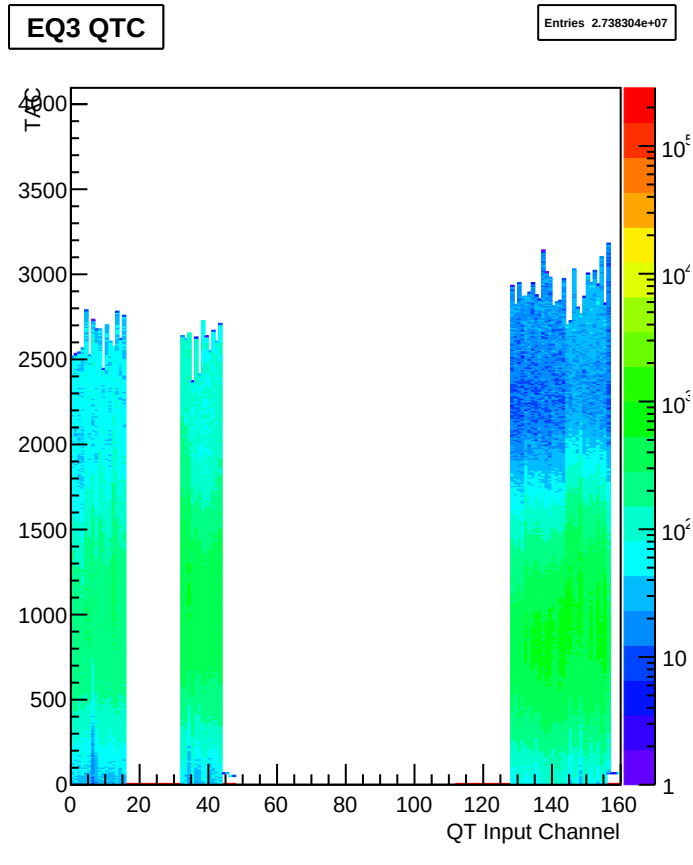

EQ2 QTC
Entries 2.738304e+07
ADC
QT Input Channel

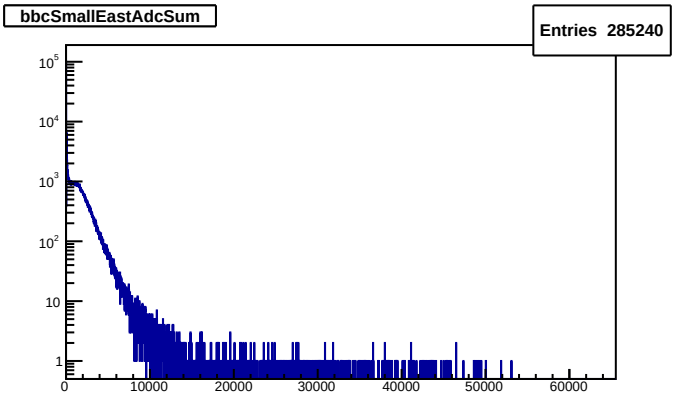

EQ2 QTC
Entries 2.738304e+07
TADC
QT Input Channel

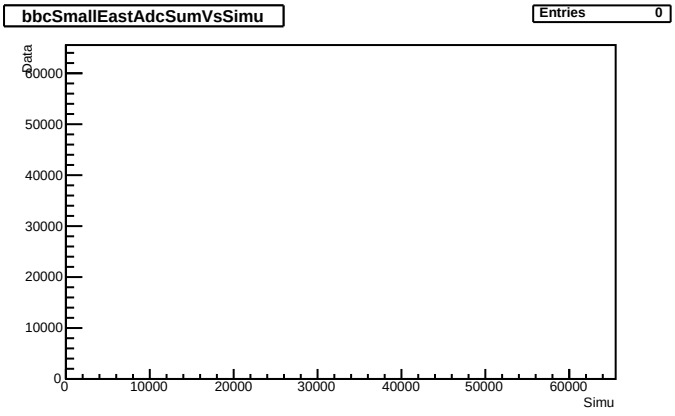

EQ3 QTB
Entries 7.302144e+07
ADC
QT Input Channel

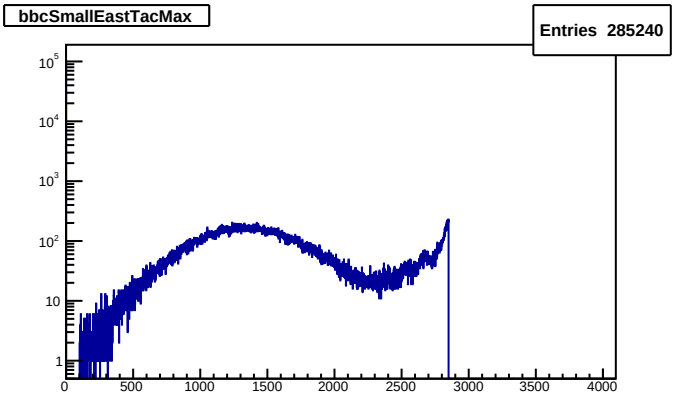

EQ3 QTB
Entries 2.331701e+07
TDC
QT Input Channel

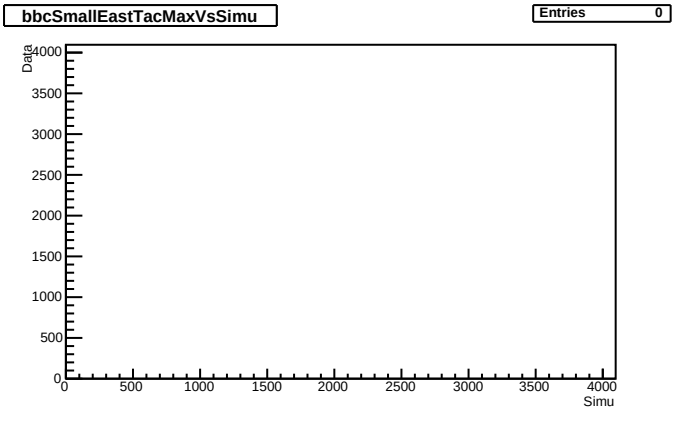

EQ3 QTC
Entries 2.738304e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.738304e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 285240


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 285240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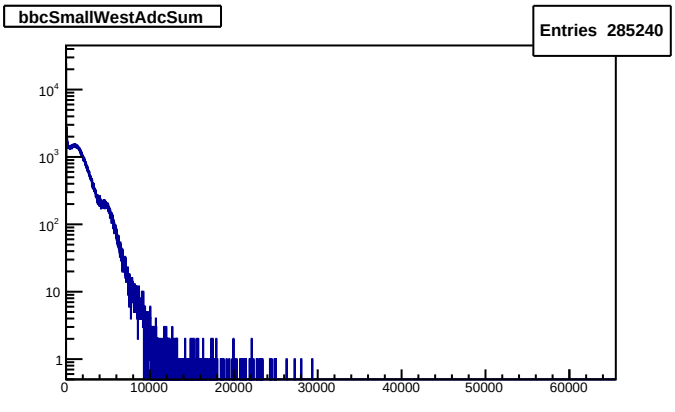
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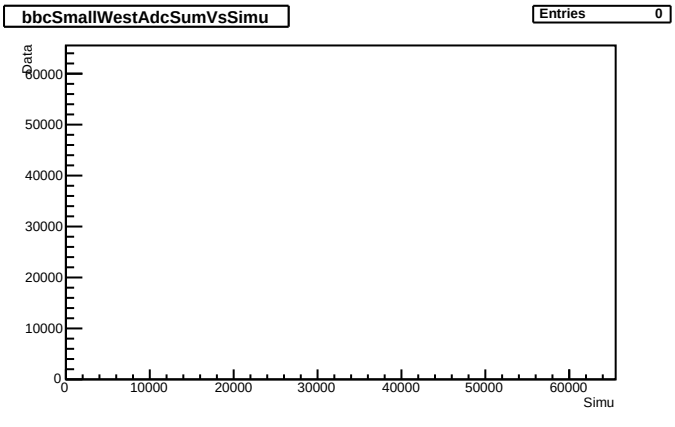
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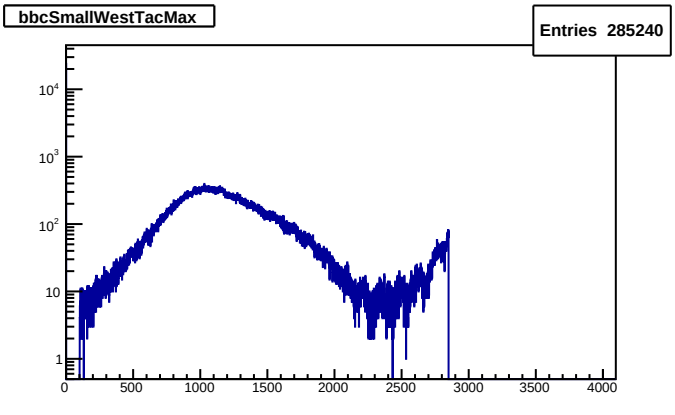
Simu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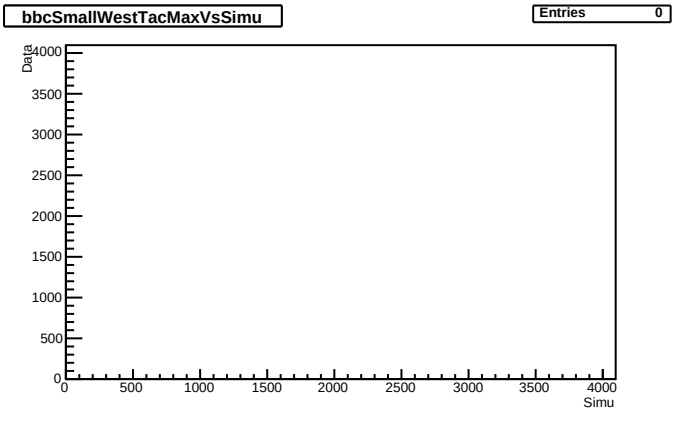
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Entries 0
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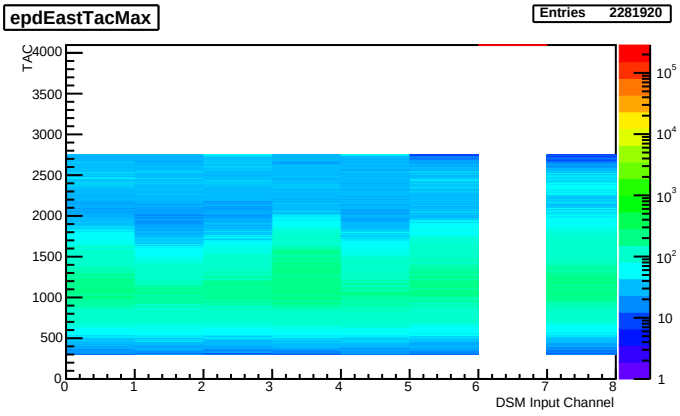
Simu


epdEastTacMax
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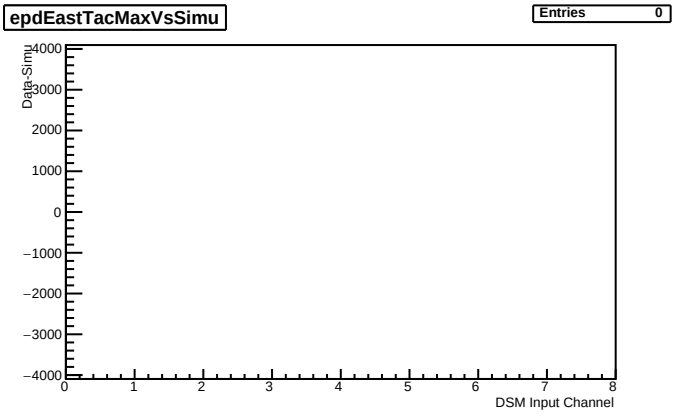
TAC
DSM Input Channel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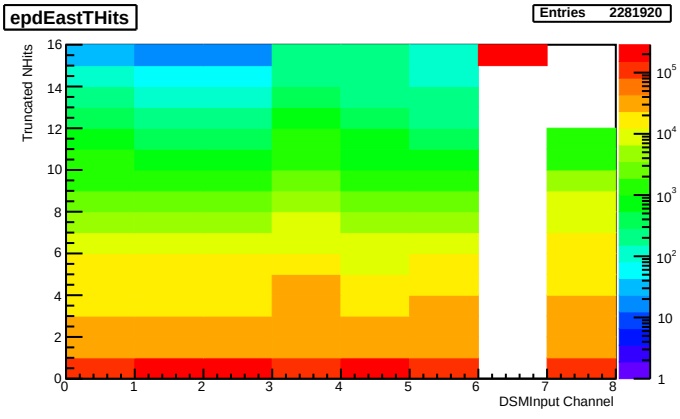
DSM Input Channel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Entries 2281920
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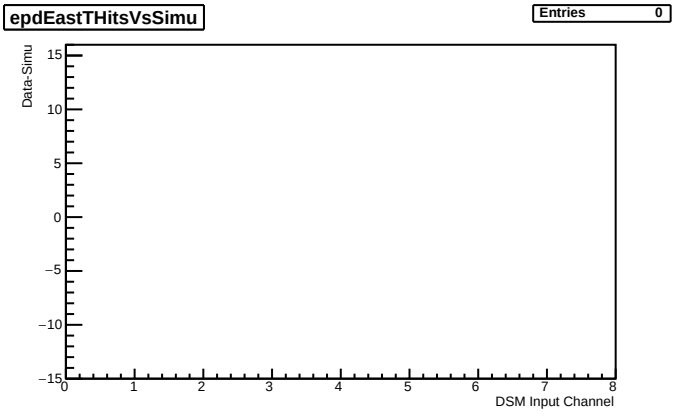
DSMInput Channel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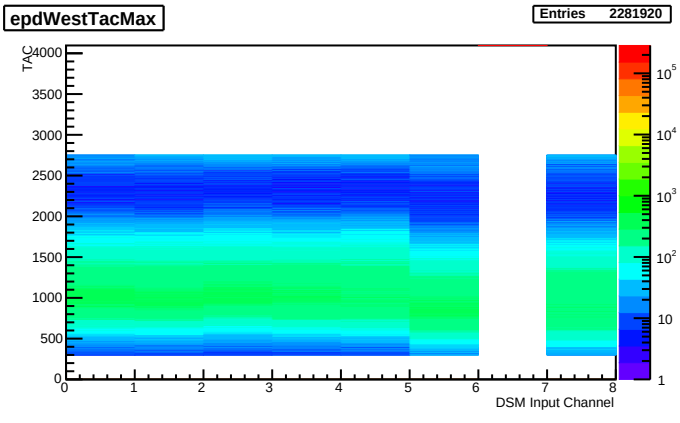
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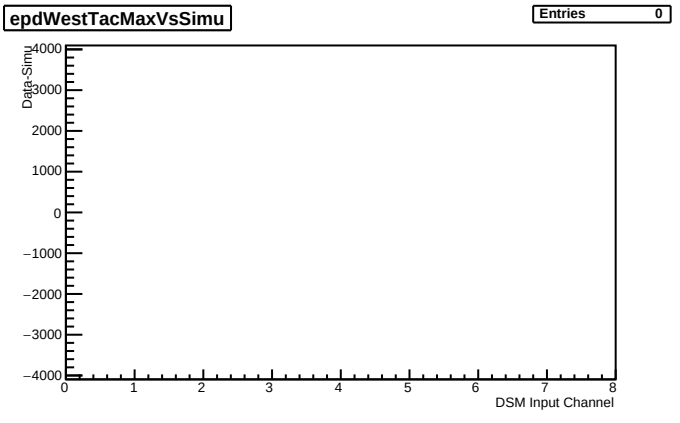
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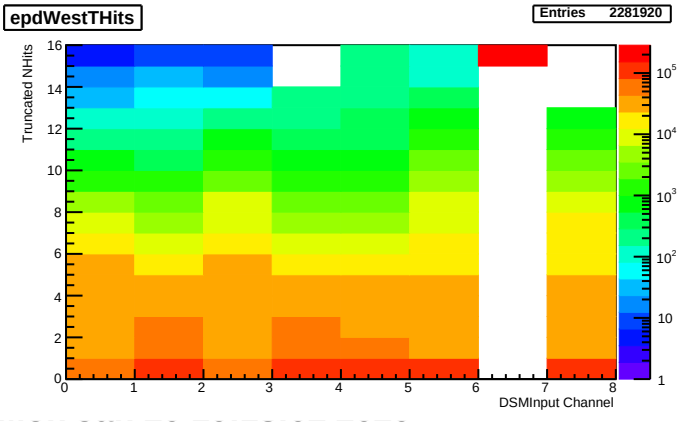
DSM Input Channel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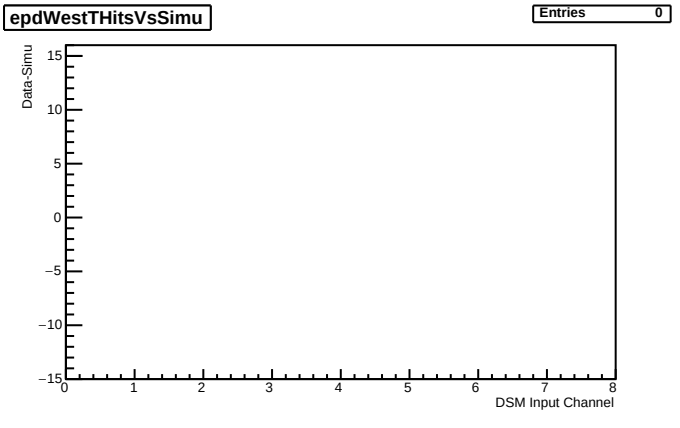
Entries 2281920
Truncated NHits
DSMInput Channel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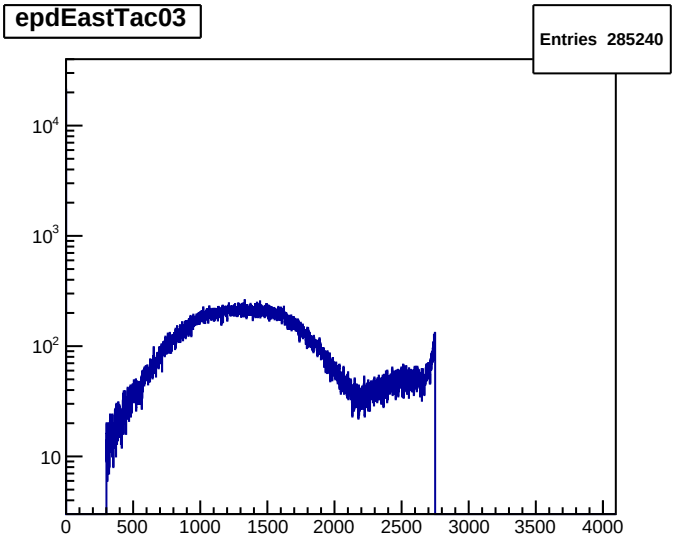
Entries 0
Data-Simu
DSM Input Channel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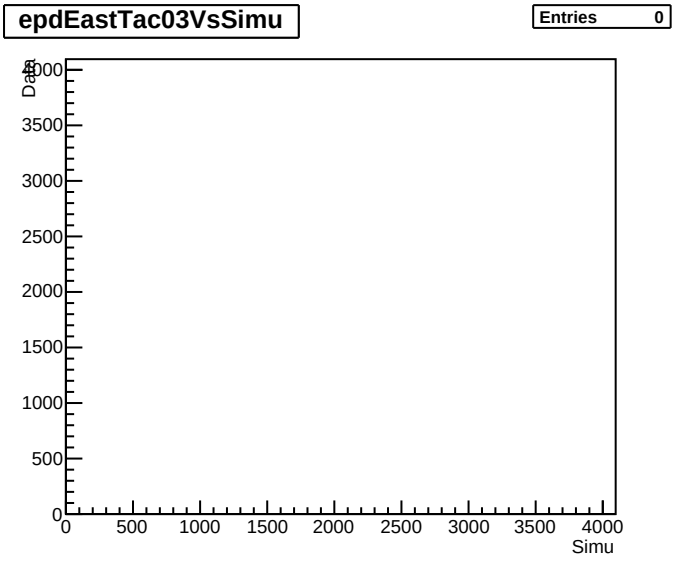
Entries 285240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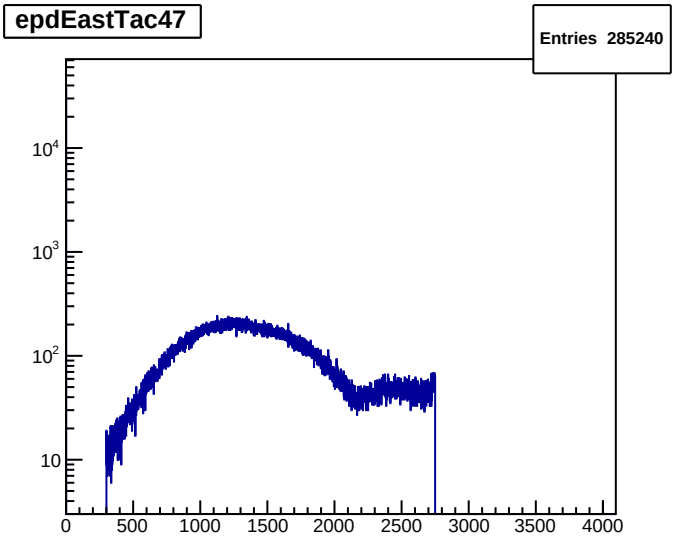
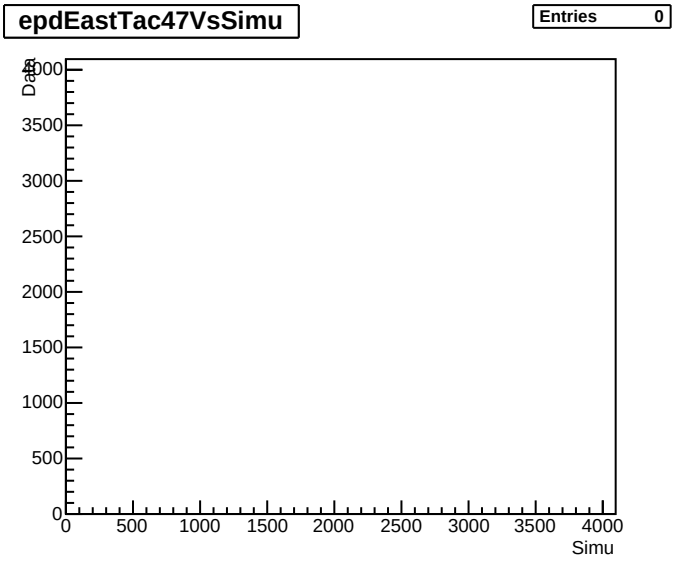
Data
Simu


epdEastTac47
Entries 285240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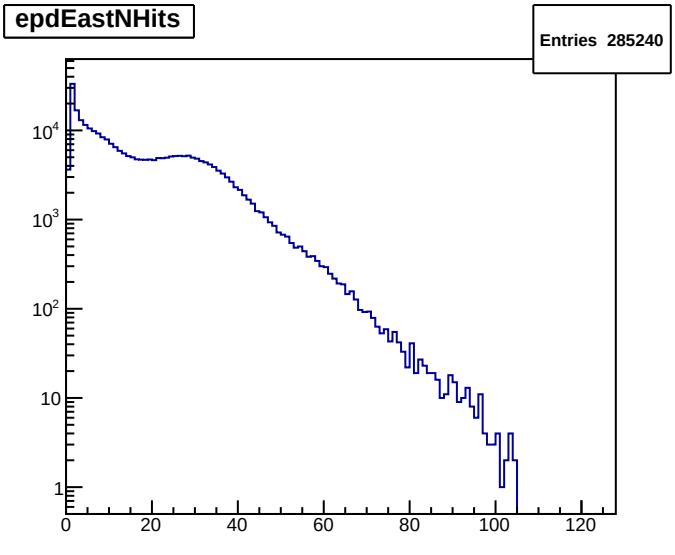
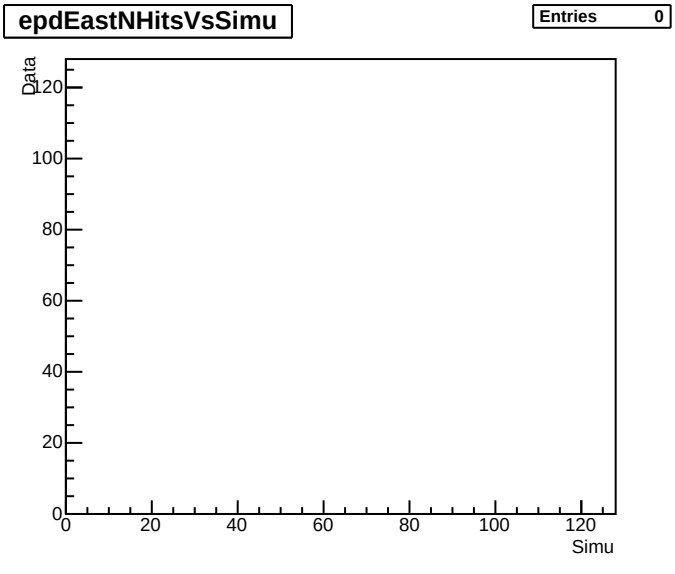
Entries 0
Data
Simu


epdEastNHits
Entries 285240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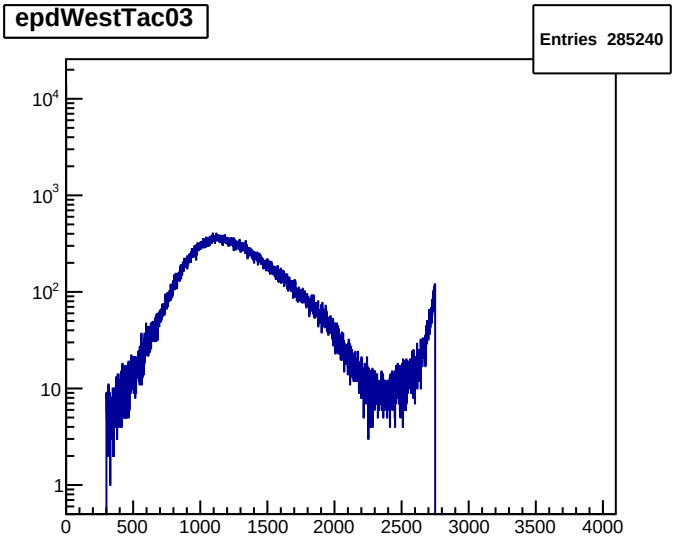
Data
Simu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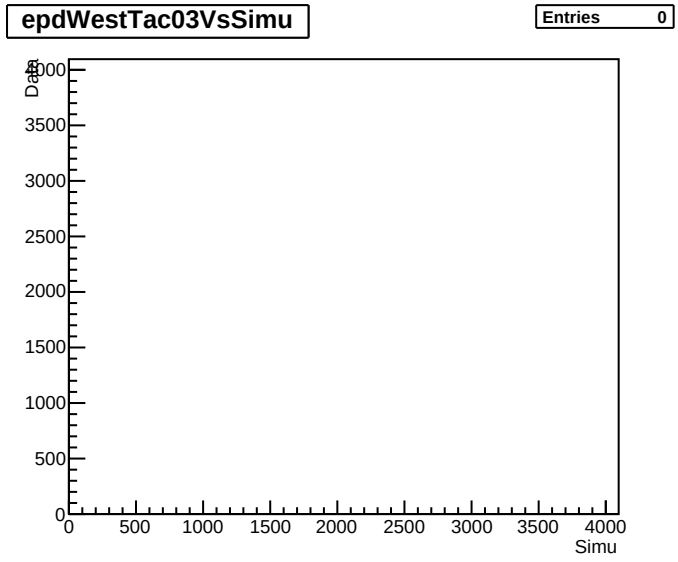
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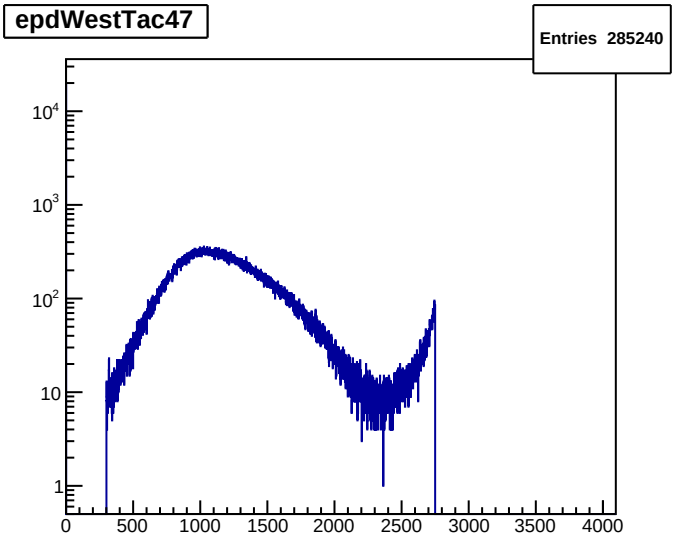
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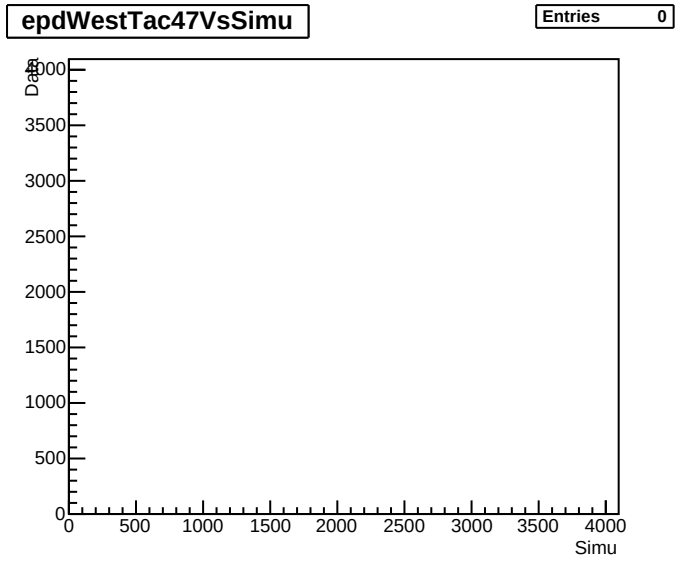
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Data
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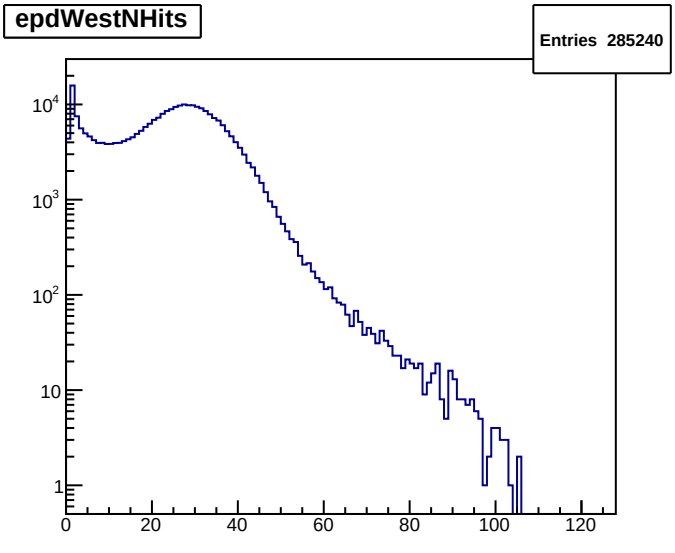
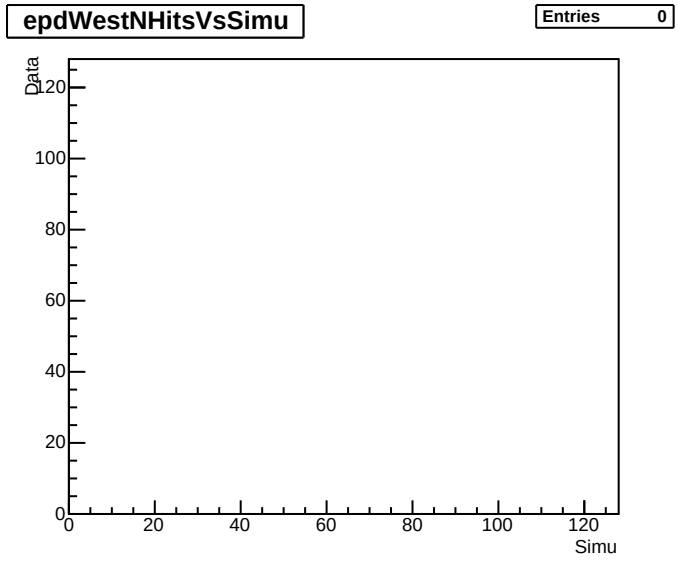

epdWestNHits
Entries 285240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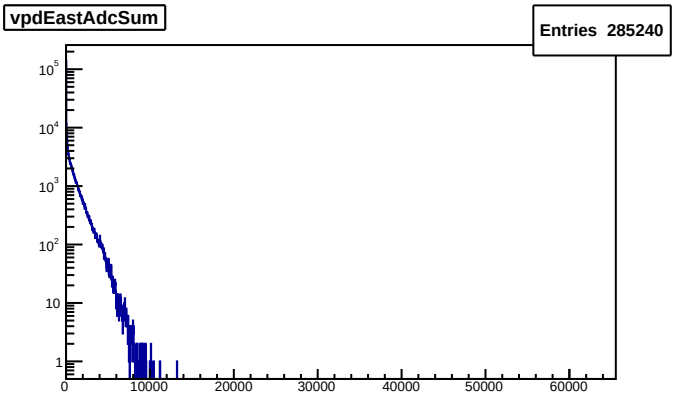
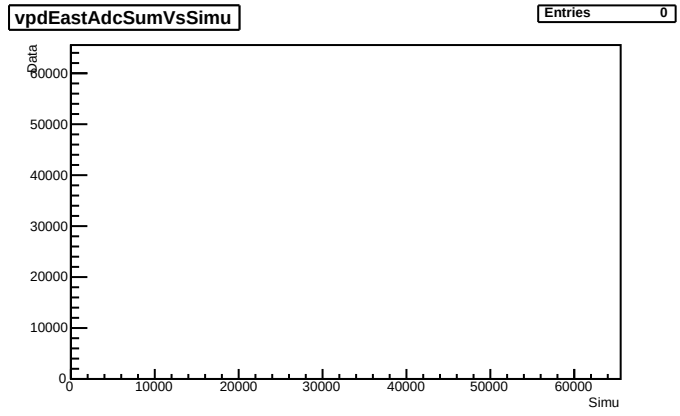
Entries 0
Data
Simu


vpdEastAdcSum
Entries 285240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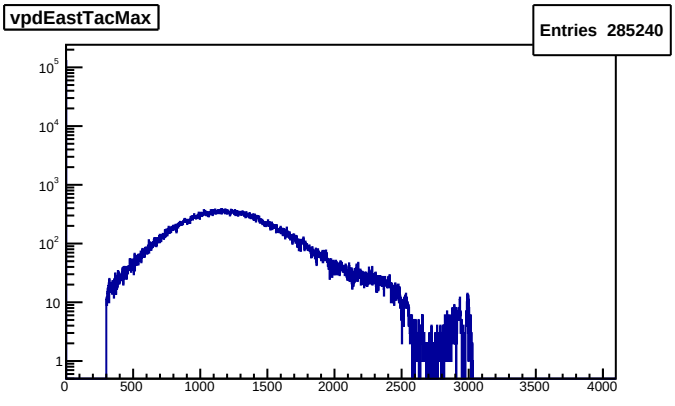
Entries 0
Data
Simu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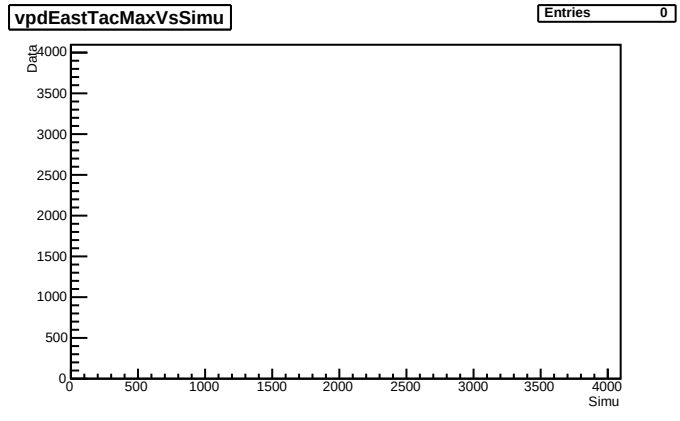
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Data
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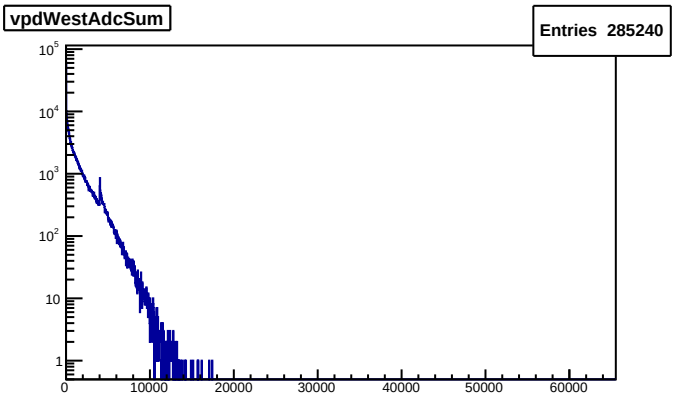
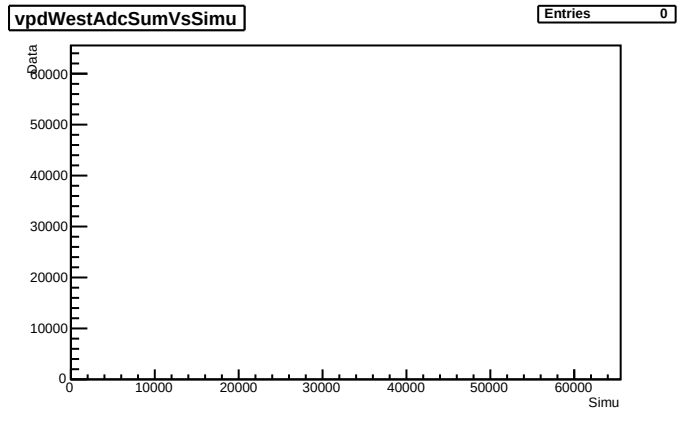

vpdWestAdcSum
Entries 285240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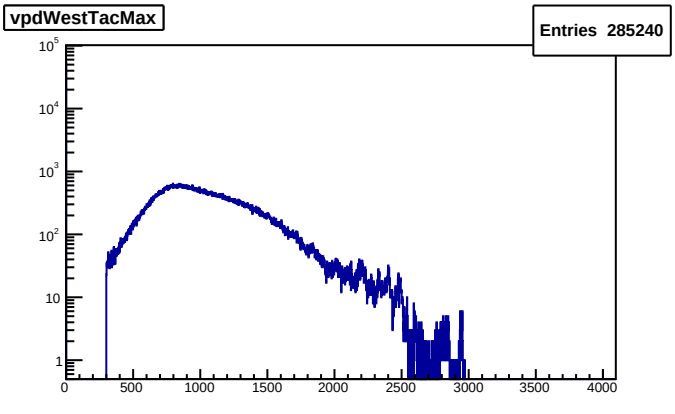
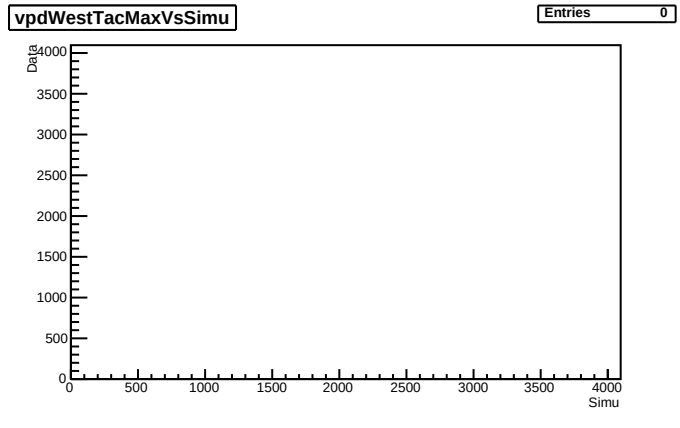
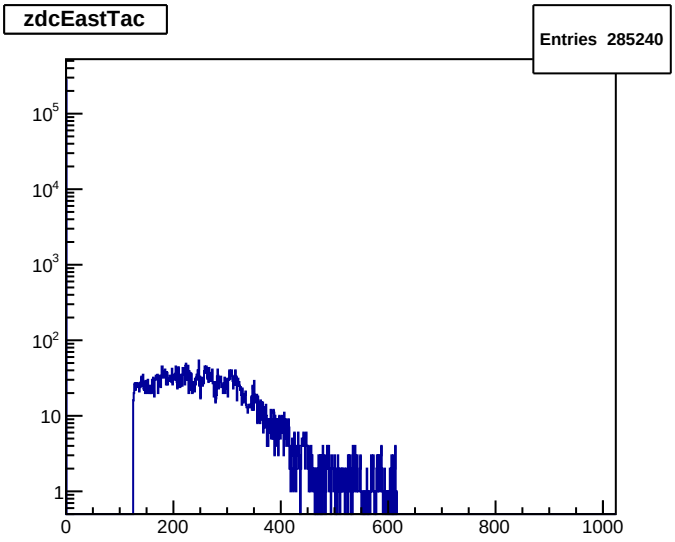
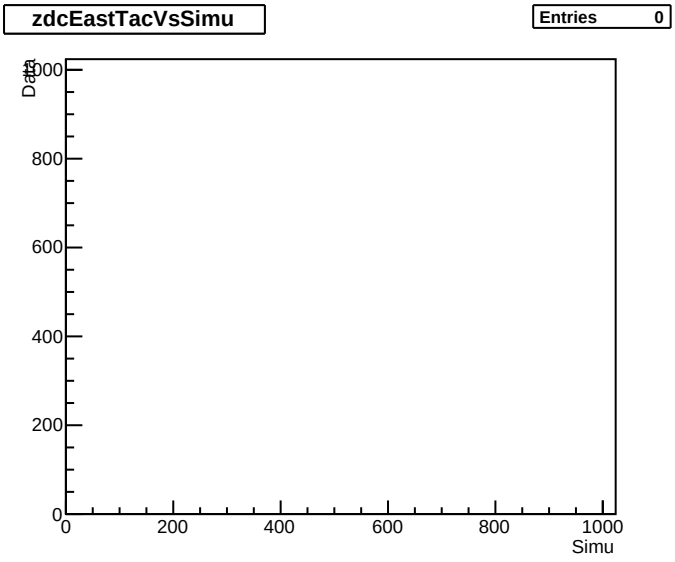
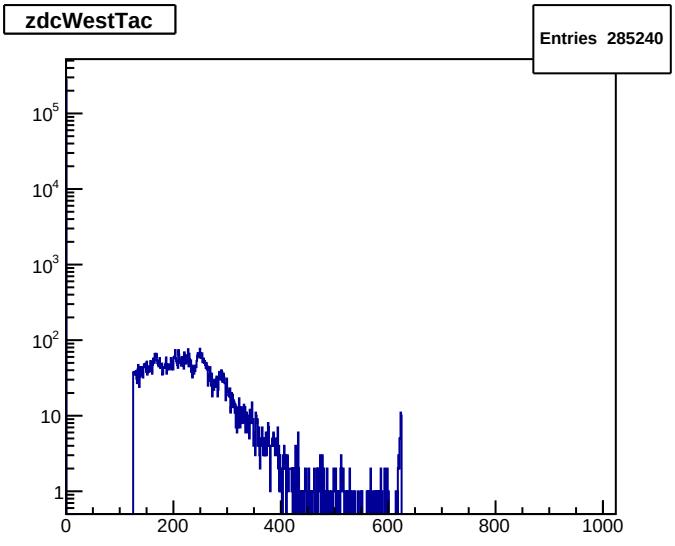
Entries 0
Data
Simu

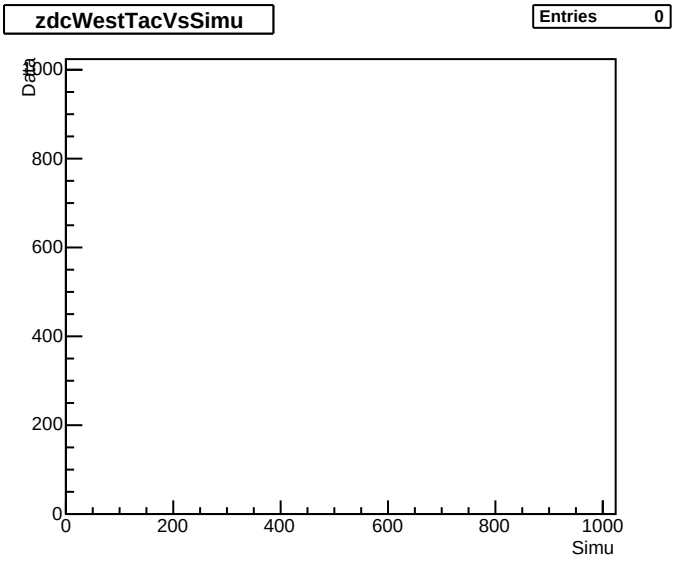

vpdWestTacMax
Entries 285240

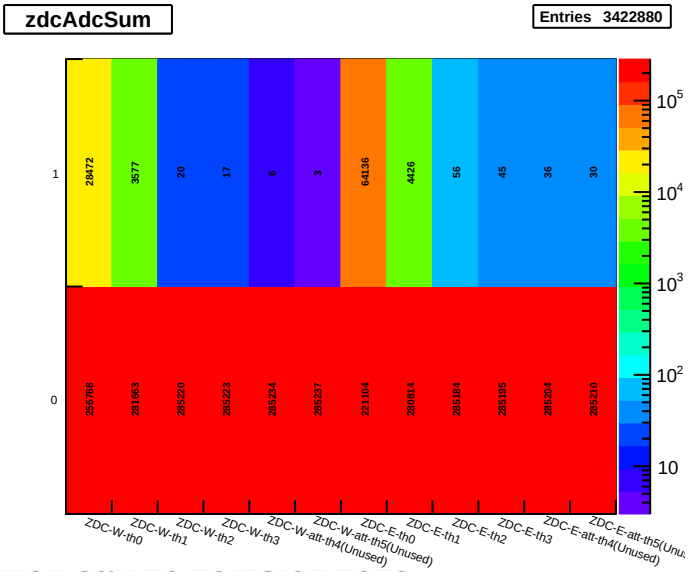

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 285240
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 285240
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 3422880
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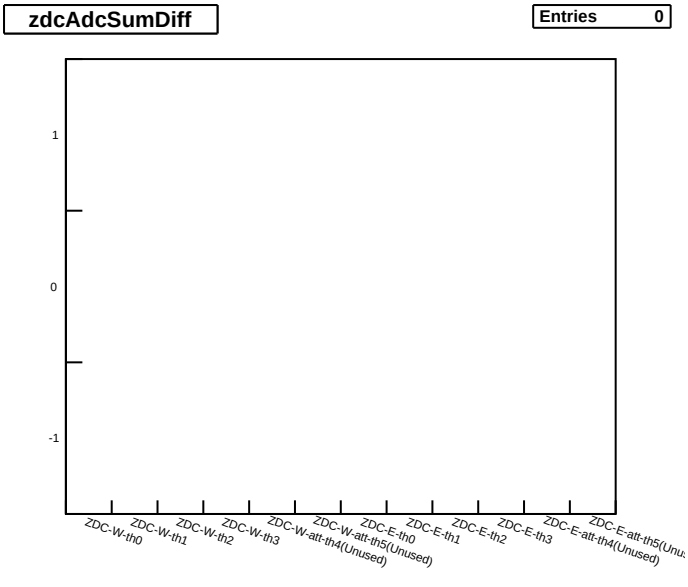
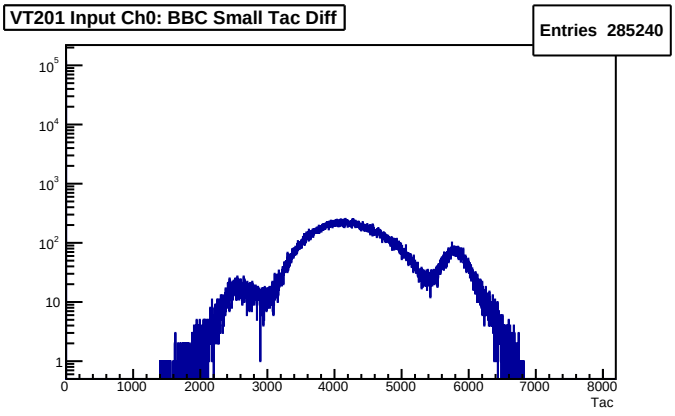
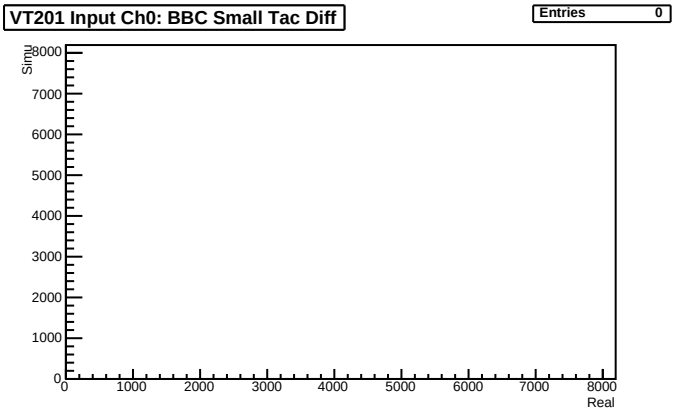
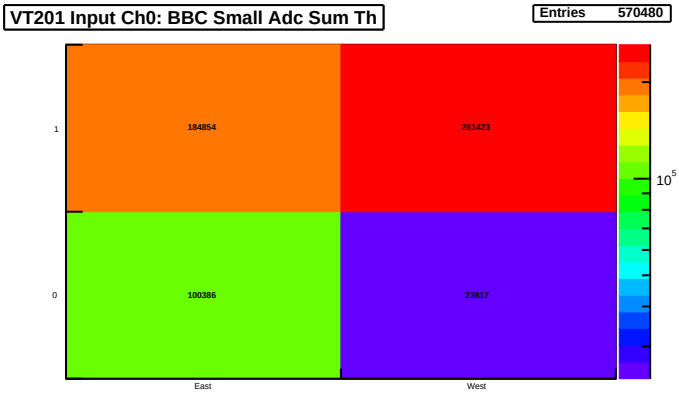
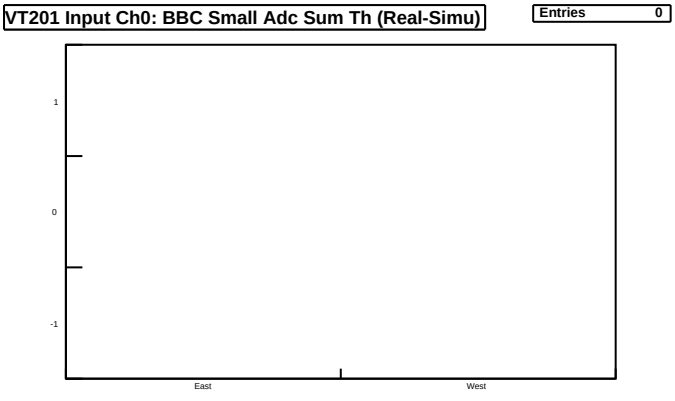
0
28472
3577
20
17
6
3
64136
4426
56
45
36
30
256768
281663
285220
285223
285234
285237
221104
280814
285184
285195
285204
285210
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

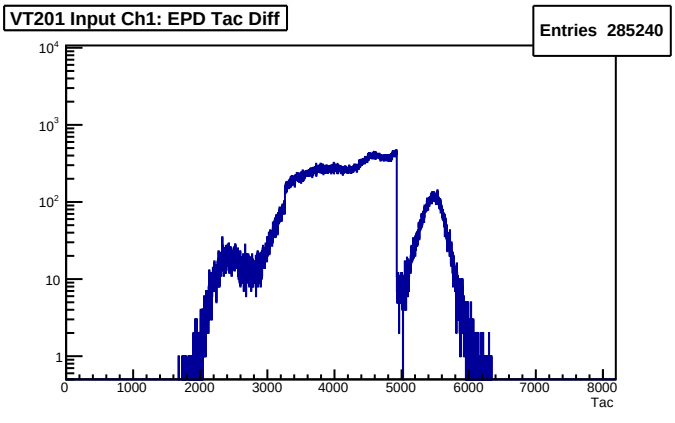

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

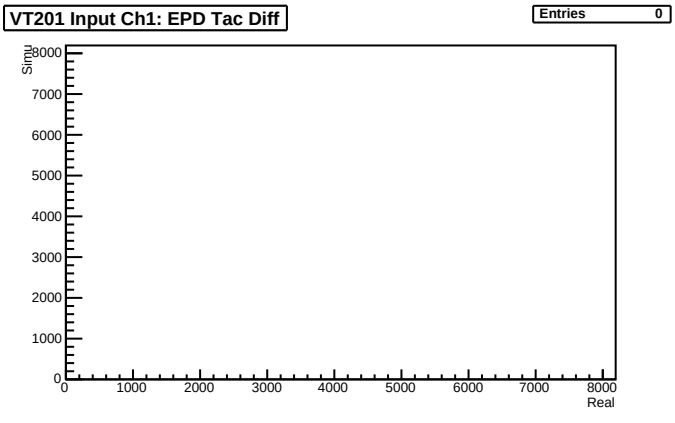

VT201 Input Ch0: BBC Small Tac Diff
Entries 285240
Tac

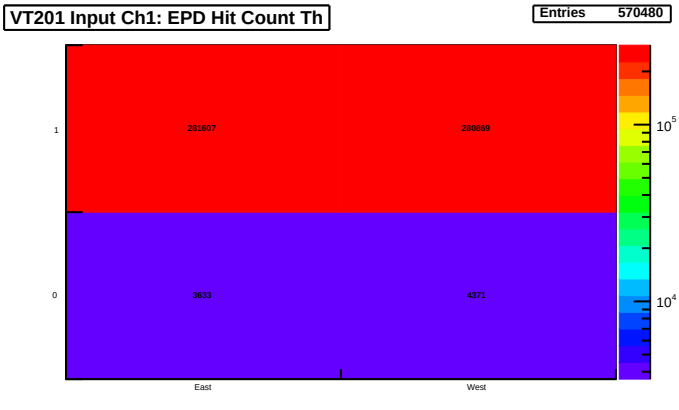

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

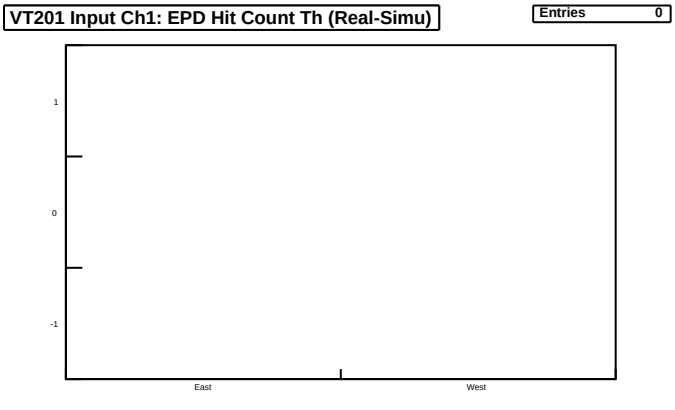

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 570480
184854
261423
100386
23817
East
West

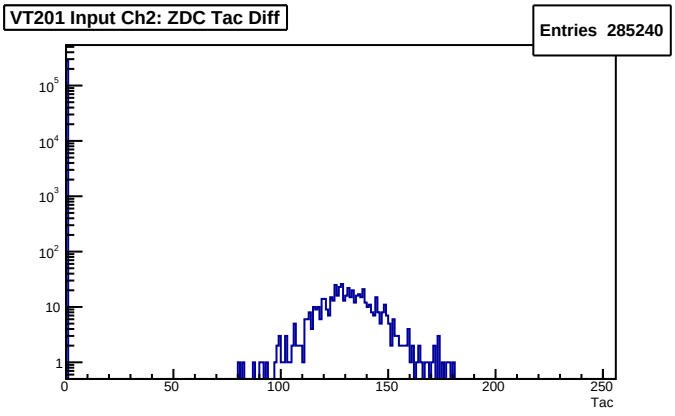

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

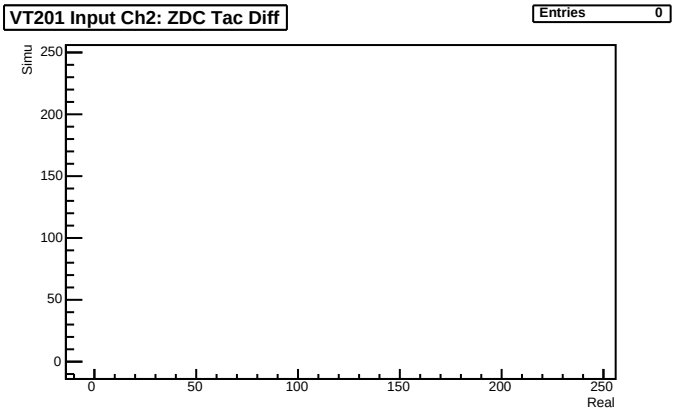

VT201 Input Ch1: EPD Tac Diff
Entries 285240
Tac

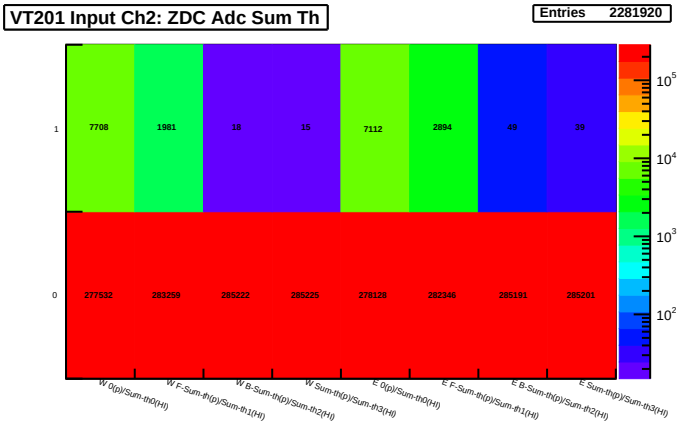

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

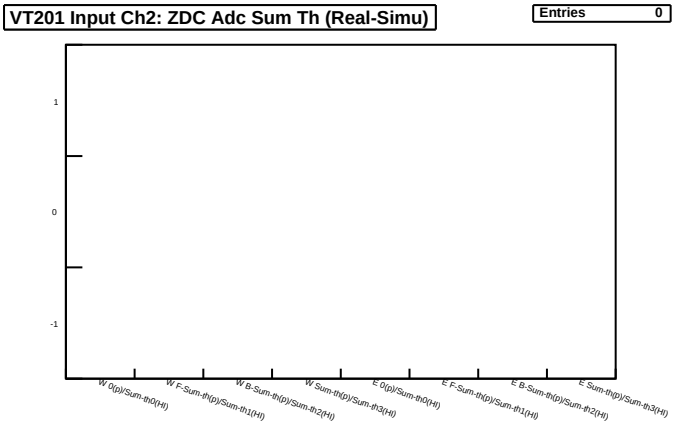

VT201 Input Ch1: EPD Hit Count Th
Entries 570480
281607
280869
3633
4371
East
West

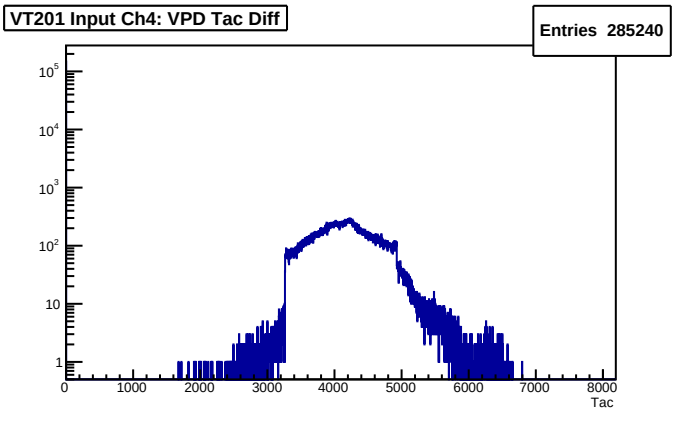

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

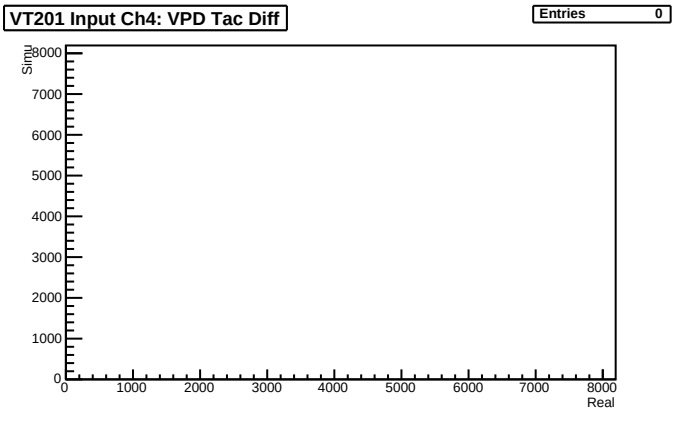

VT201 Input Ch2: ZDC Tac Diff
Entries 285240
Tac

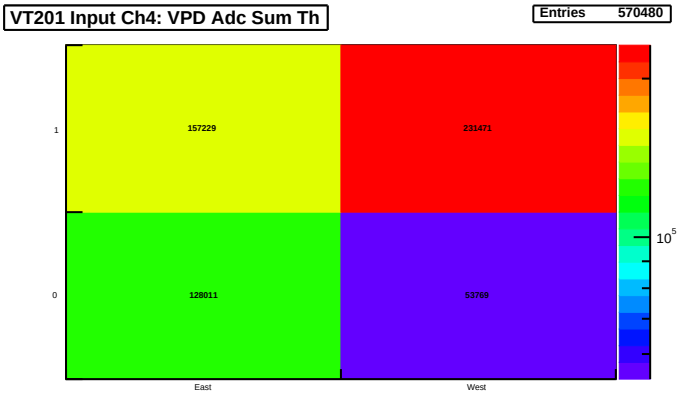

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

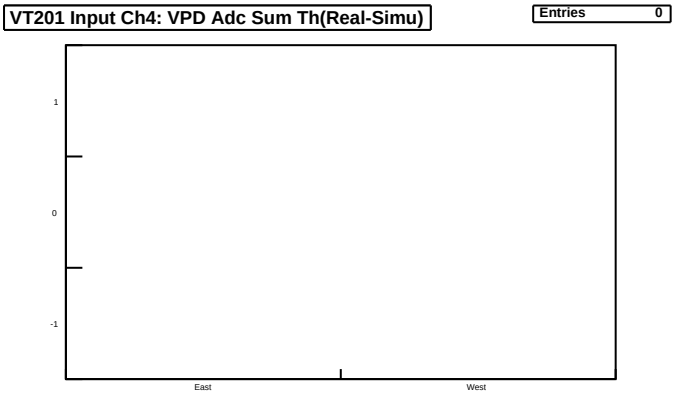

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2281920
7708
1981
18
15
7112
2894
49
39
277532
283259
285222
285225
278128
282346
285191
285201
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

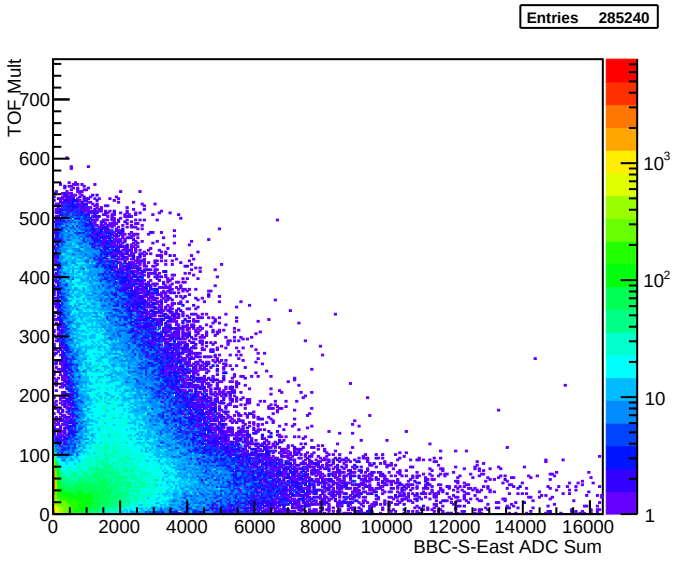

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

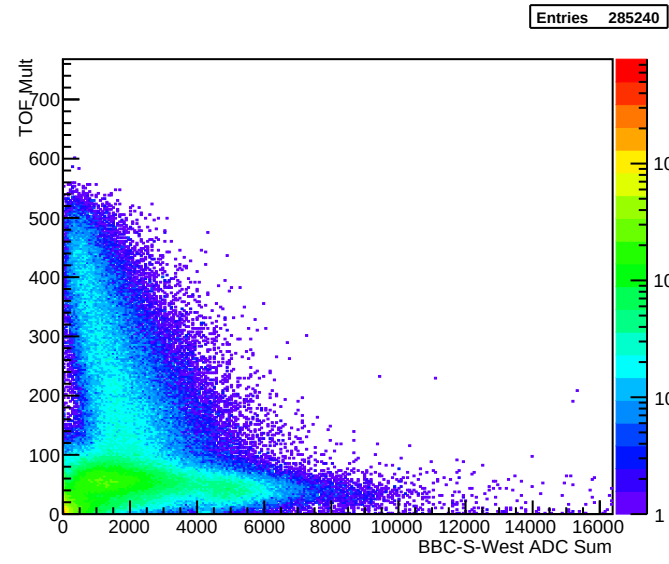

VT201 Input Ch4: VPD Tac Diff
Entries 285240
Tac

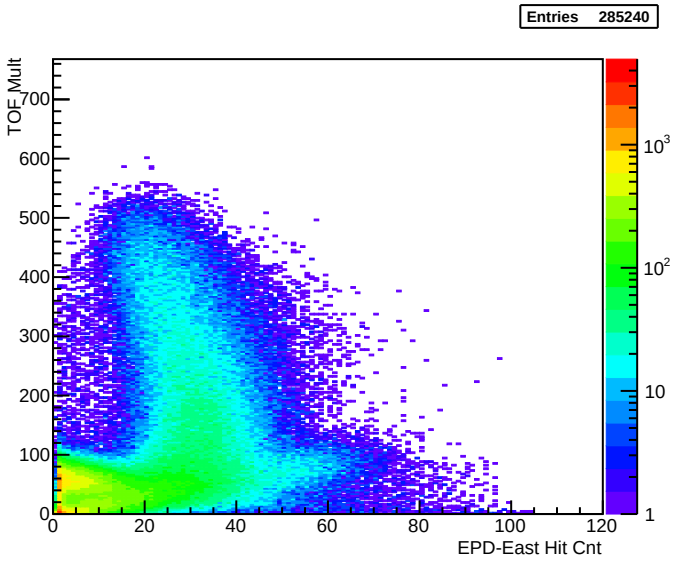

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

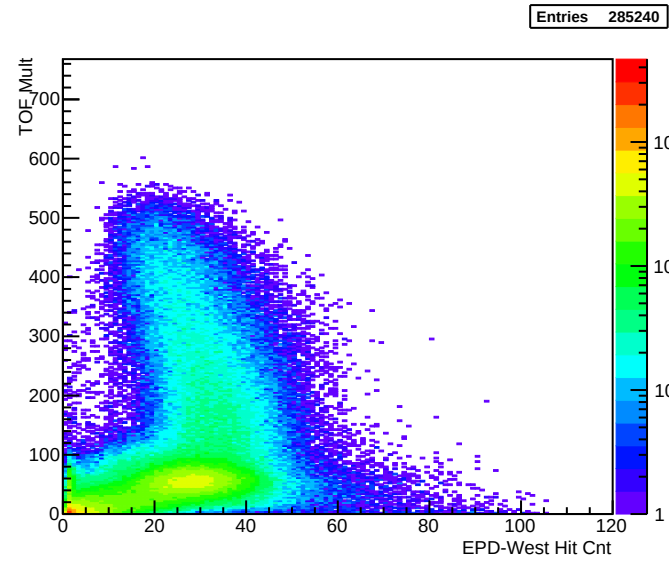

VT201 Input Ch4: VPD Adc Sum Th
Entries 570480
157229
231471
128011
53769
East
West

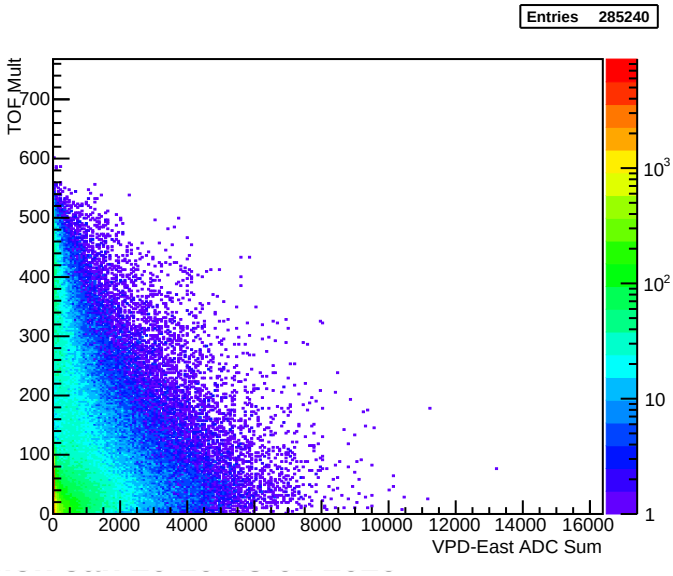

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

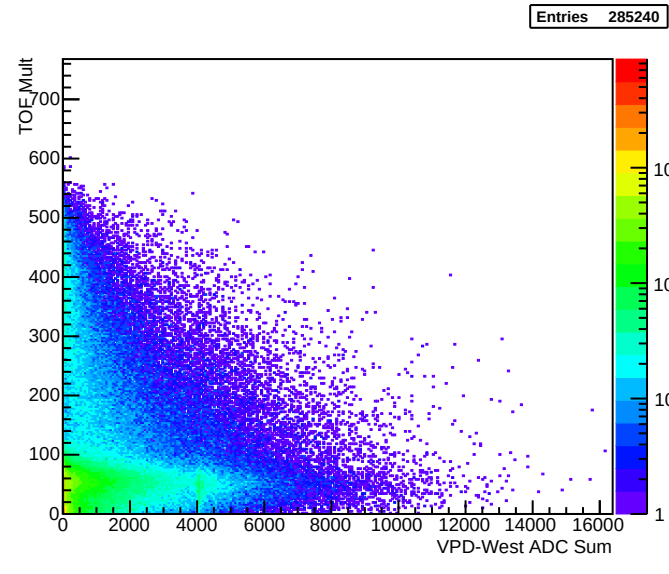

Entries 285240
TOF_Mult
BBC-S-East ADC Sum

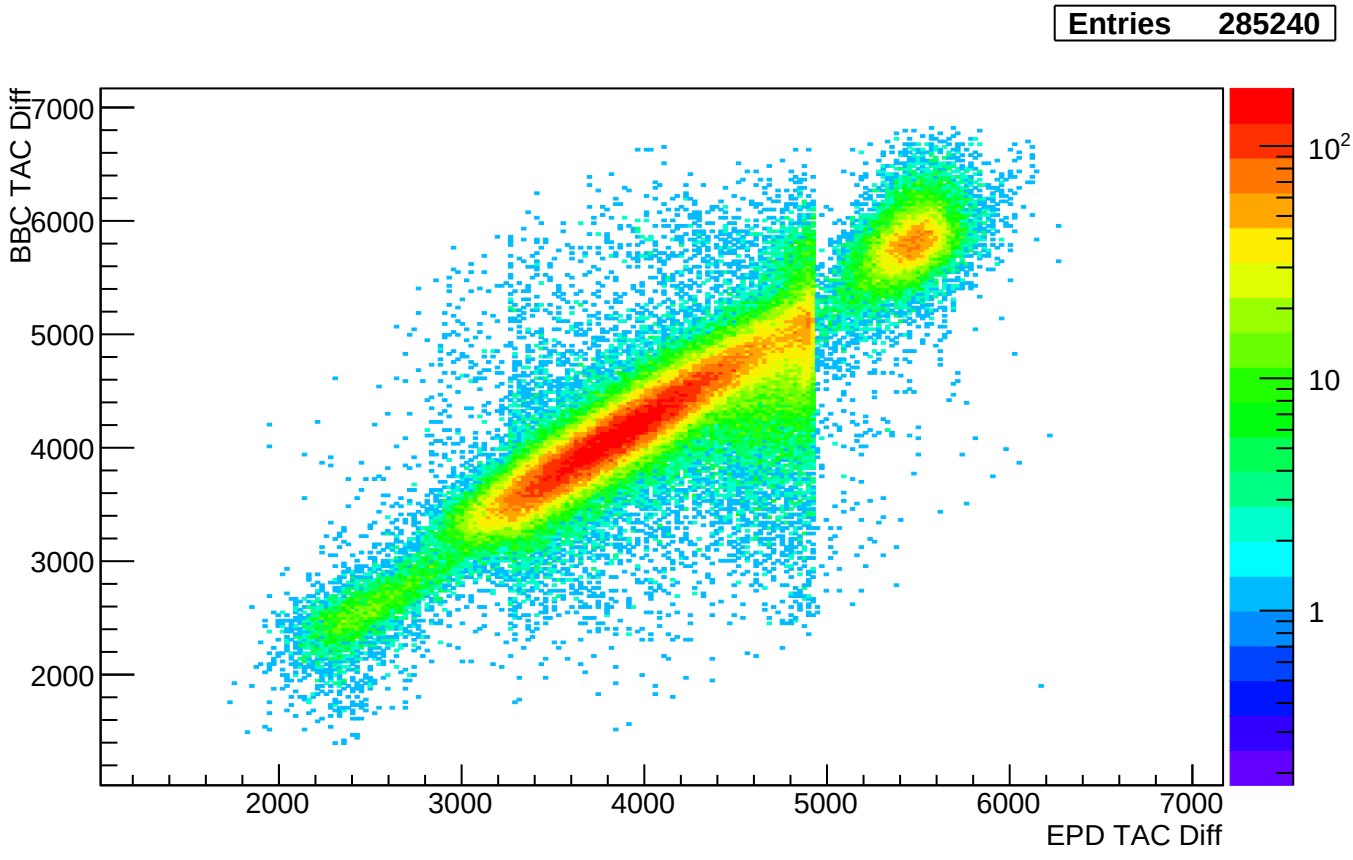

Entries 285240
TOF_Mult
BBC-S-West ADC Sum

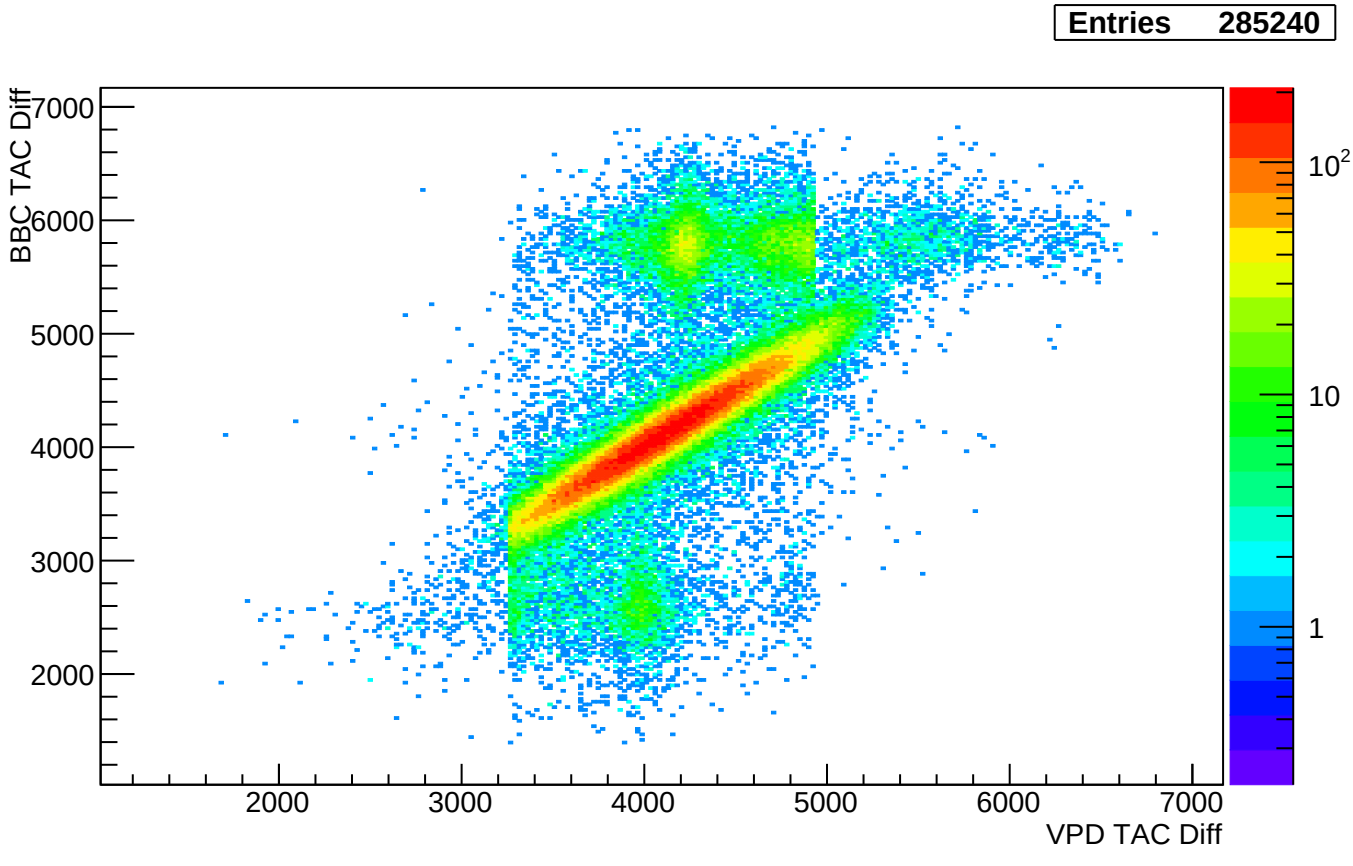

Entries 285240
TOF_Mult
EPD-East Hit Cnt

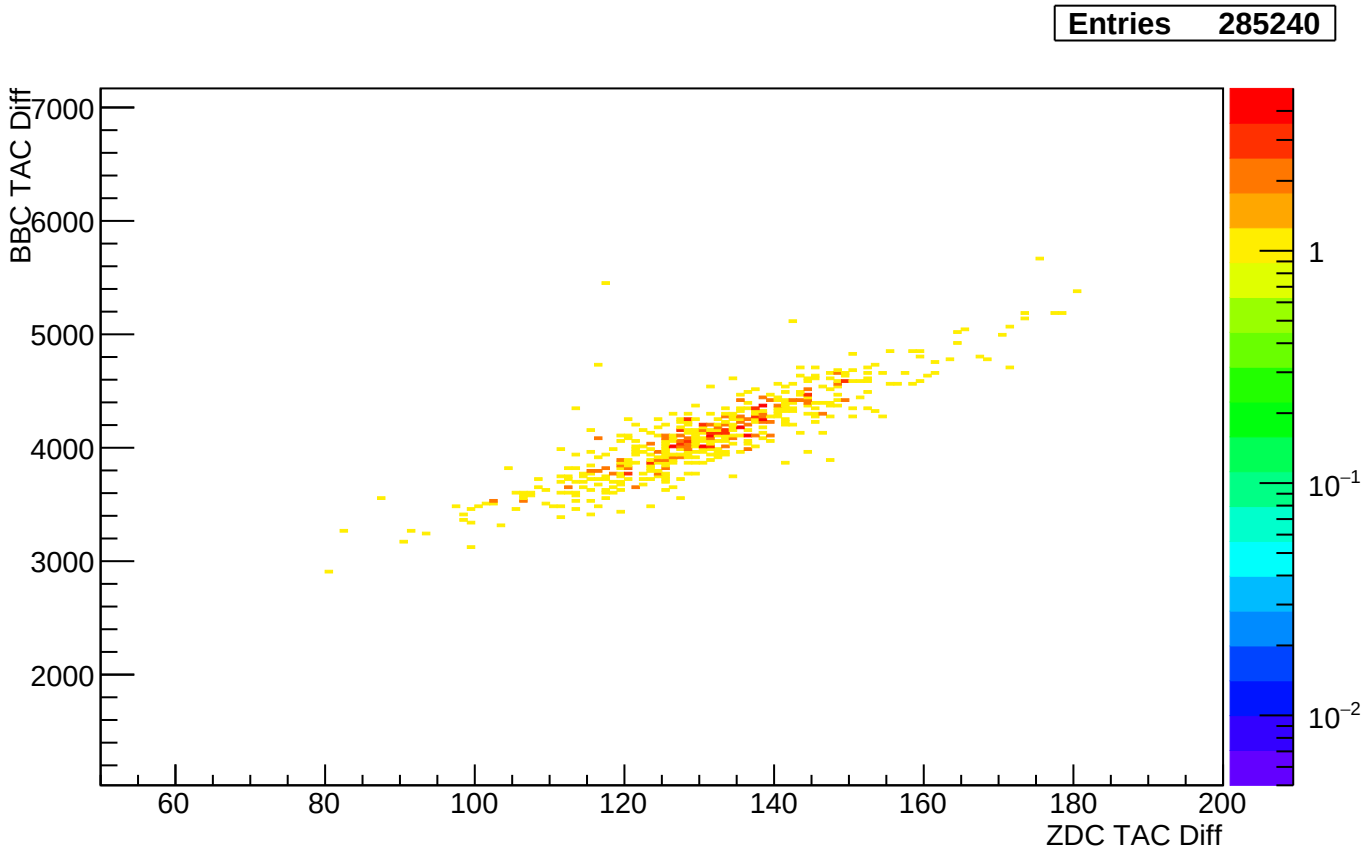

Entries 285240
TOF_Mult
EPD-West Hit Cnt

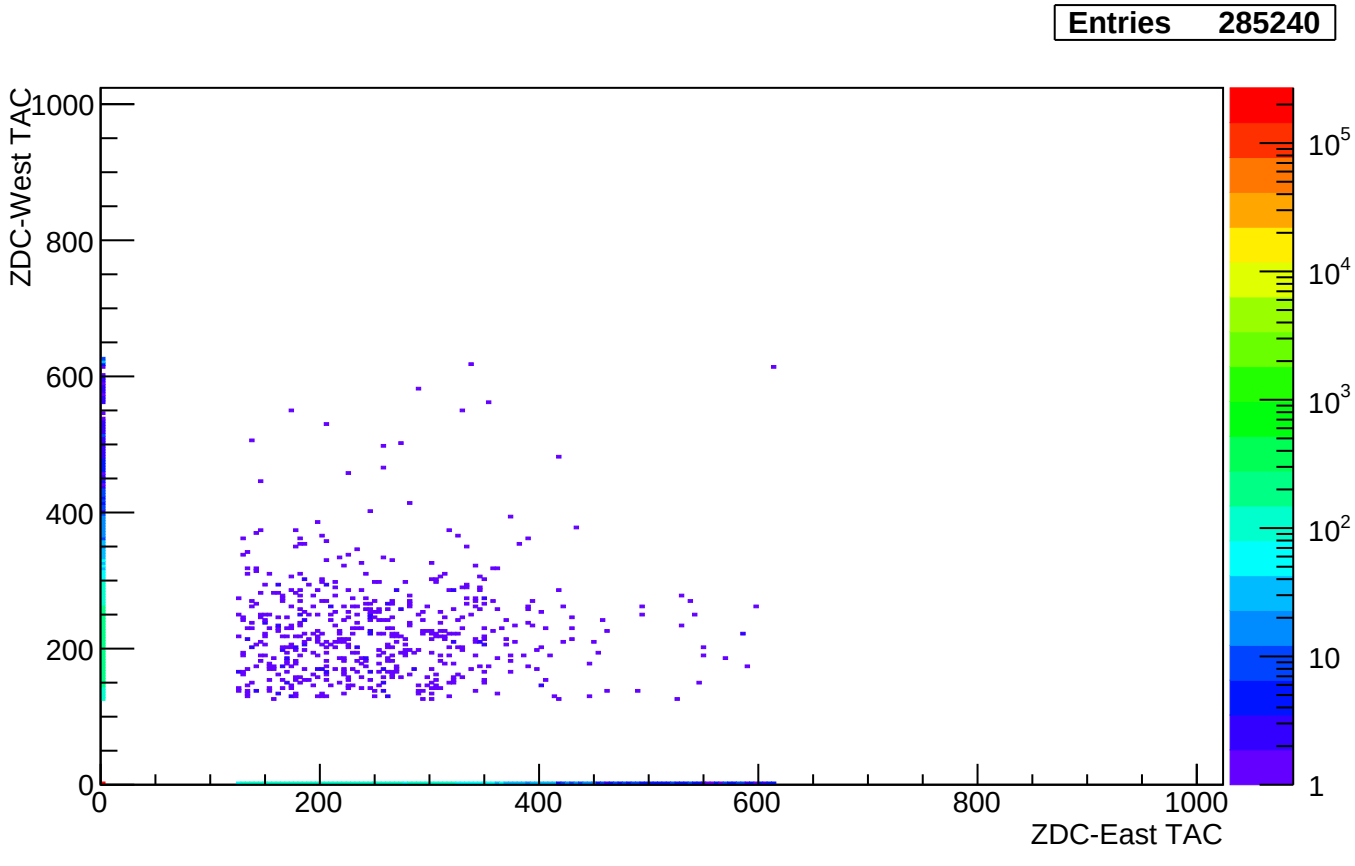

Entries 285240
TOF_Mult
VPD-East ADC Sum

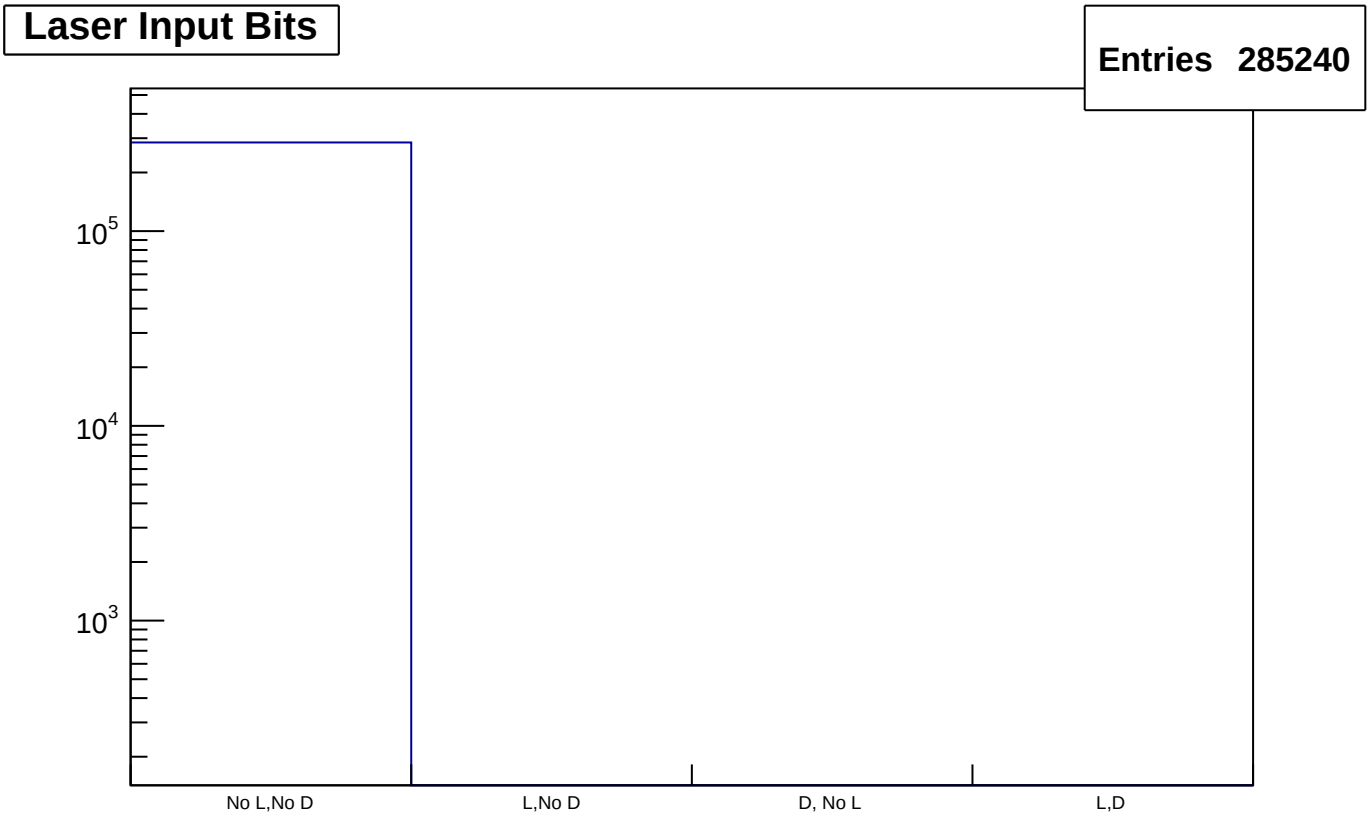

Entries 285240
TOF_Mult
VPD-West ADC Sum

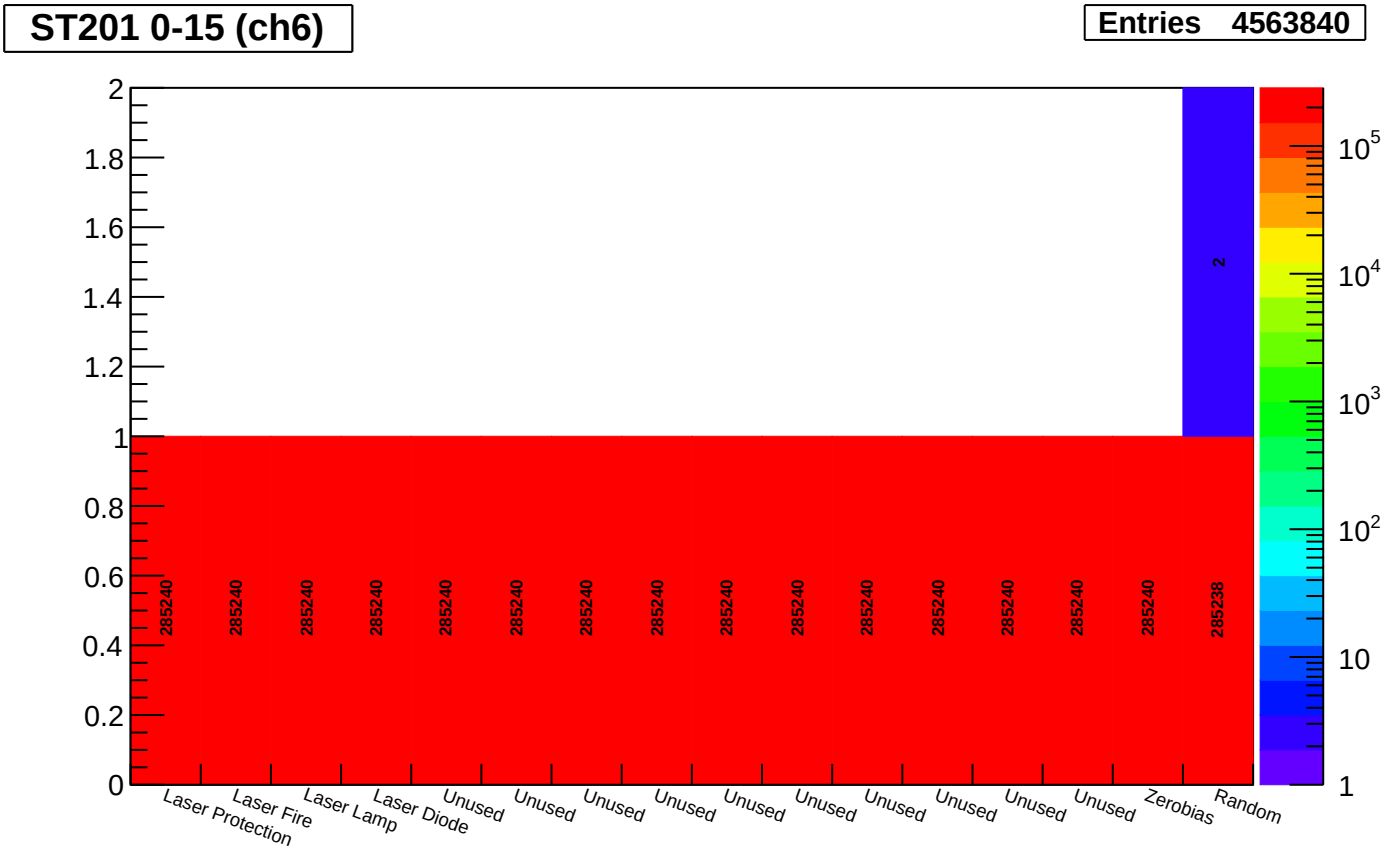

Entries 285240
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

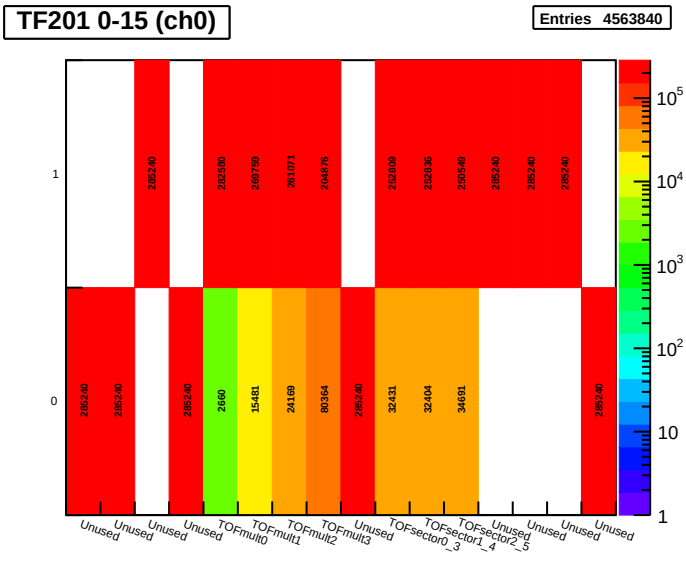

Entries 285240
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

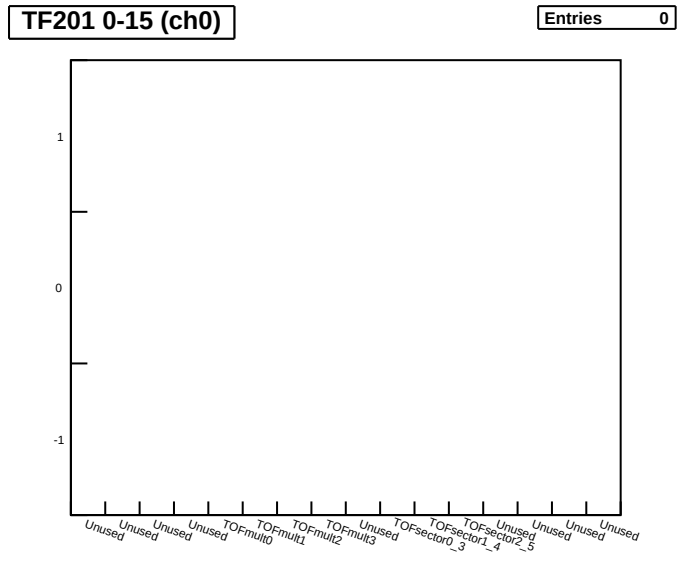

Entries 285240
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

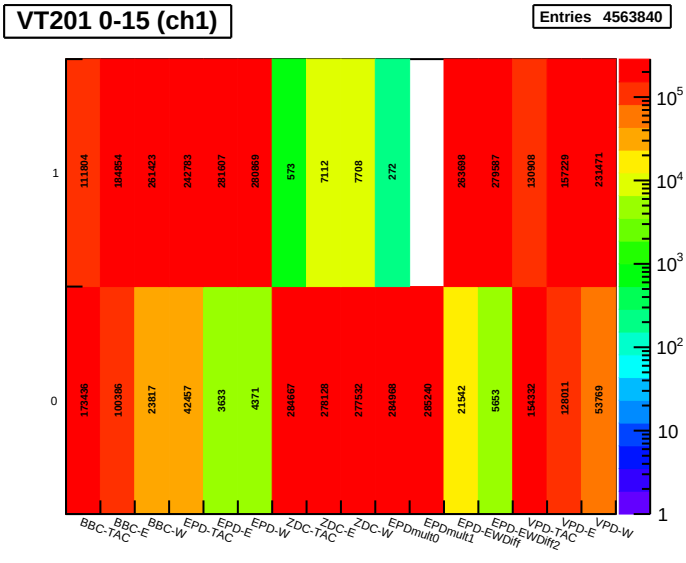

Entries 285240
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

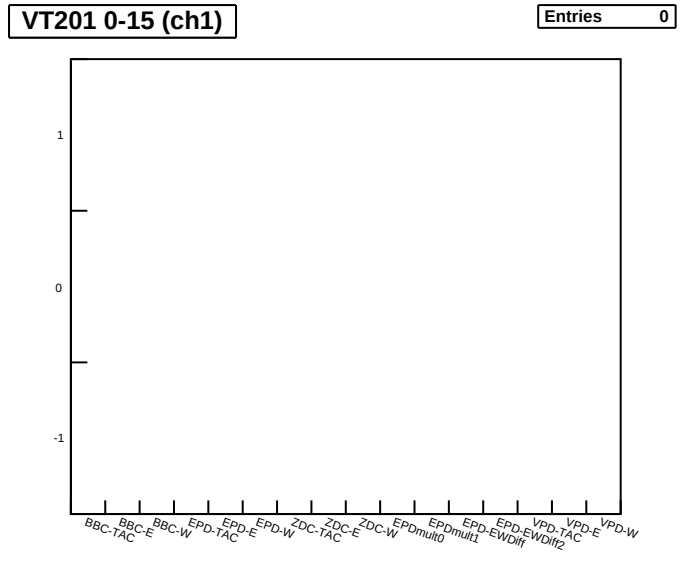

Laser Input Bits
Entries 285240
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

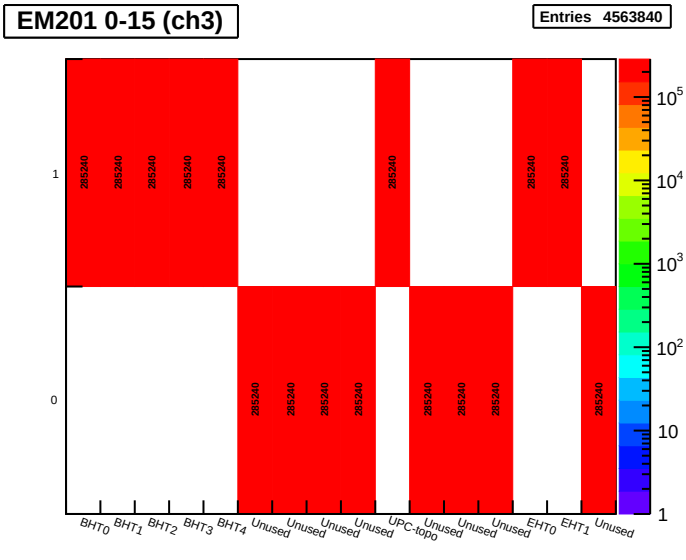

ST201 0-15 (ch6)
Entries 4563840
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
285240
285238
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

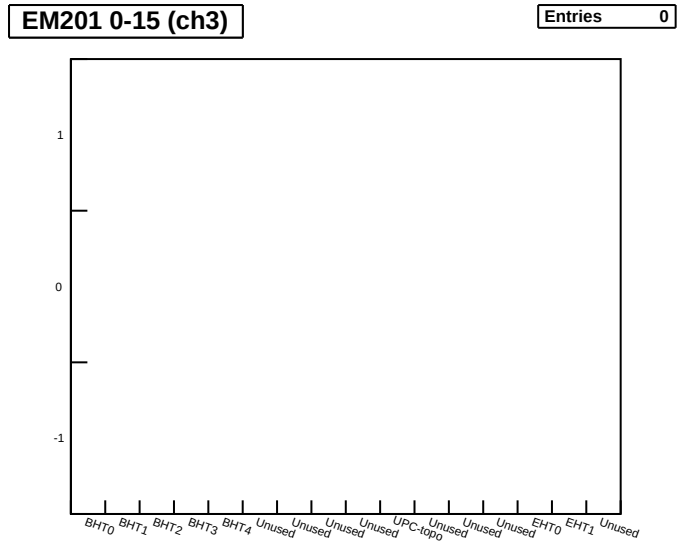

TF201 0-15 (ch0)
Entries 4563840
1
0
285240
282580
269759
261071
204876
252809
252836
230549
285240
285240
285240
285240
285240
2660
15481
24169
80364
32431
32404
34691
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4563840
1
0
111804
184854
261423
242783
281607
280869
573
7112
7708
272
263698
279587
130908
157229
231471
173436
100386
23817
42457
3633
4571
284667
278128
277532
284968
285240
21542
5653
154332
128011
53769
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 4563840
1
0
285240
285240
285240
285240
285240
285240
285240
285240
285240
285240
285240
285240
285240
285240
285240
285240
285240
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
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
UPC-topo
EHT0
EHT1