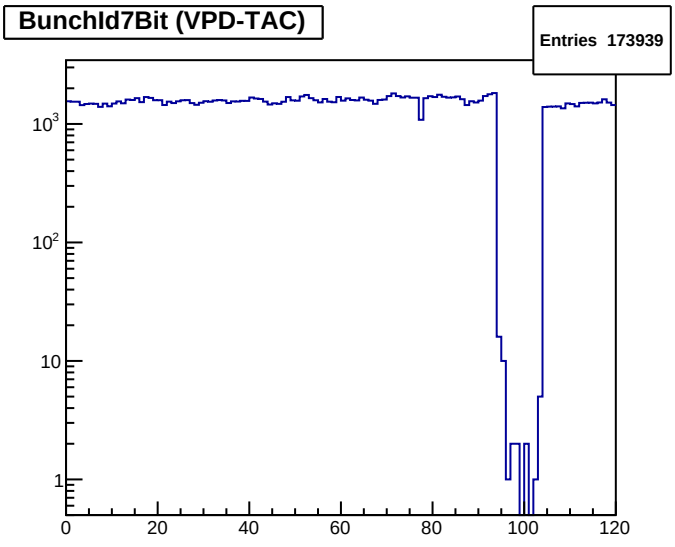
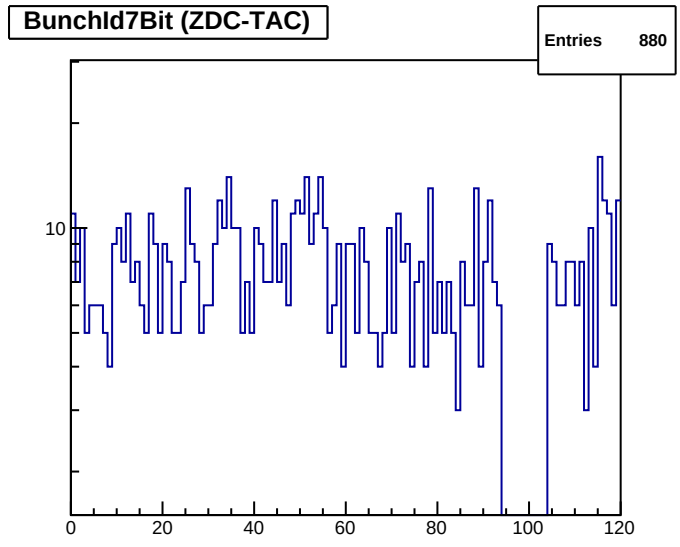
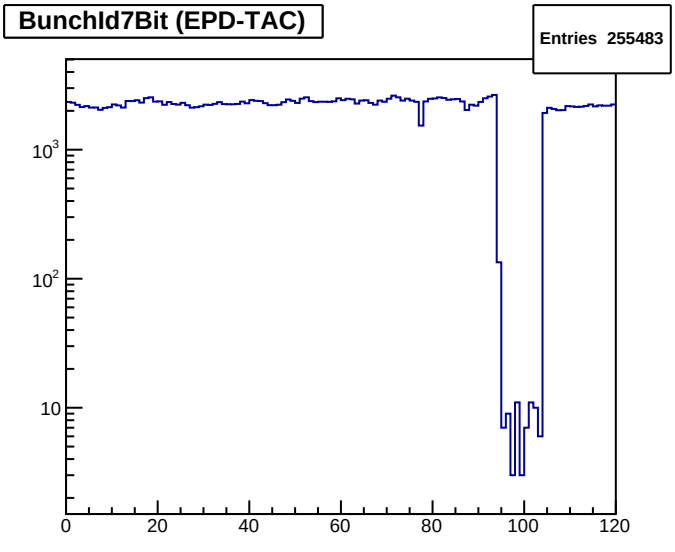
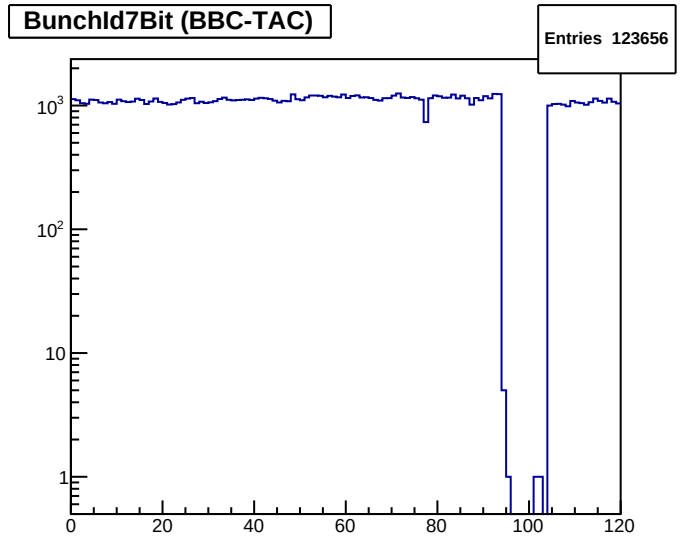
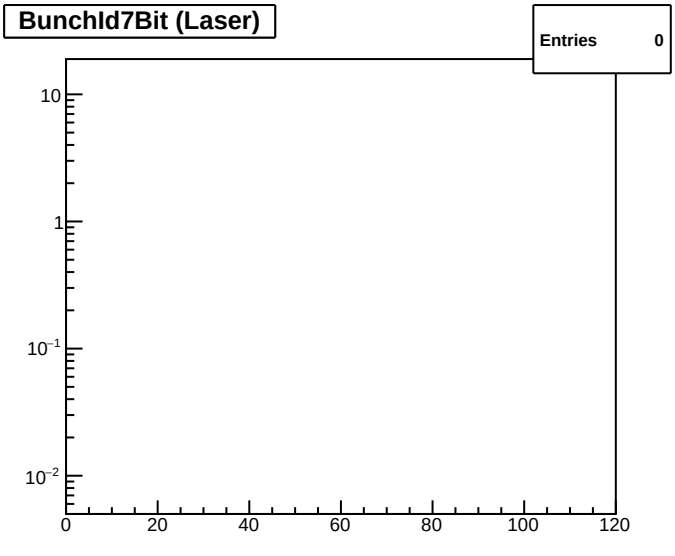
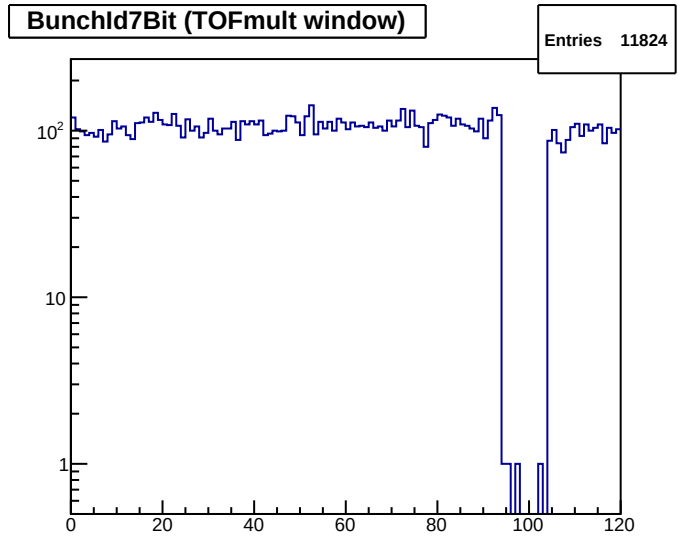

BunchId7Bit (VPD-TAC)
Entries 173939

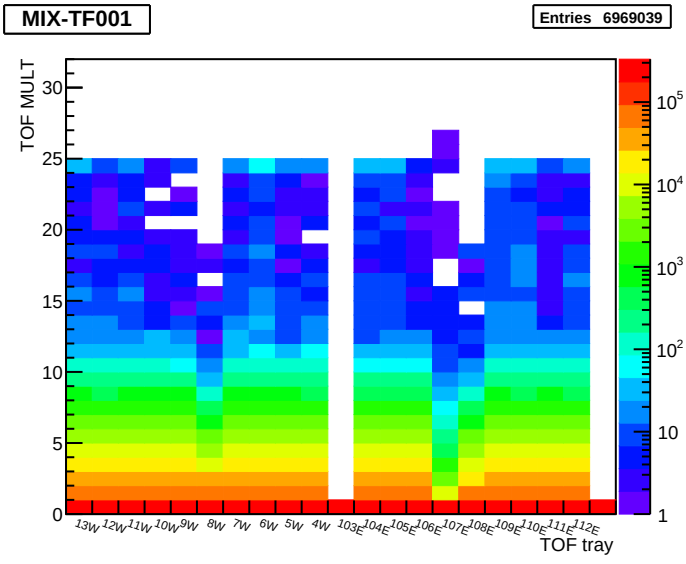

BunchId7Bit (ZDC-TAC)
Entries 880

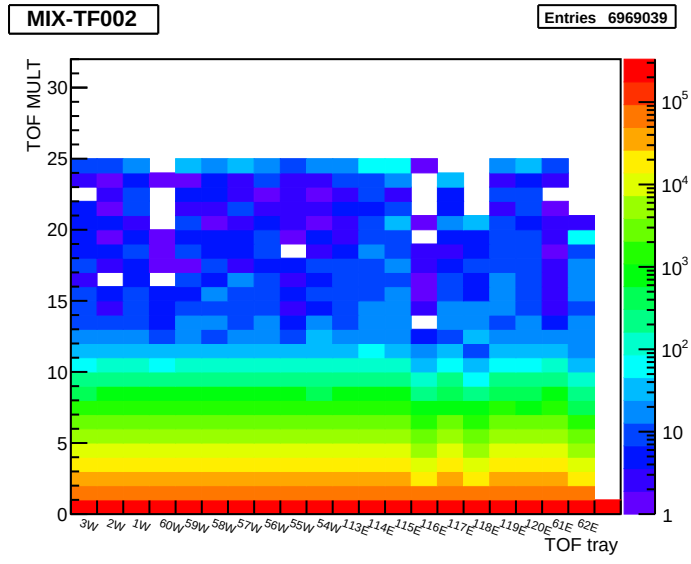

BunchId7Bit (EPD-TAC)
Entries 255483

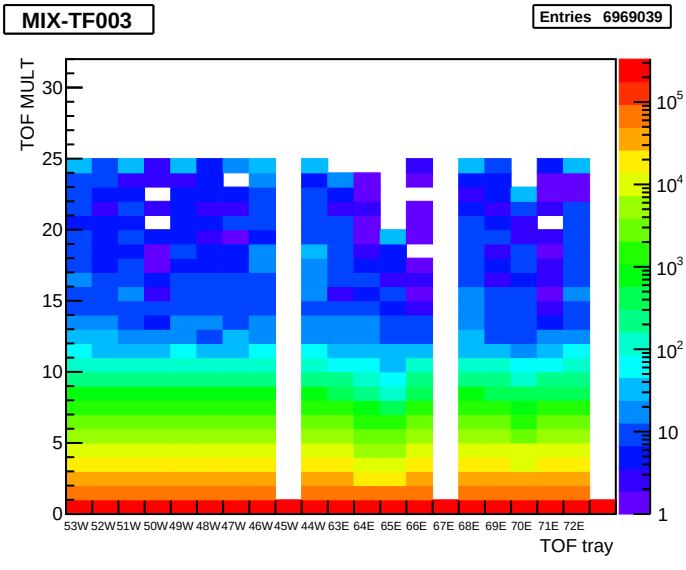

BunchId7Bit (BBC-TAC)
Entries 123656

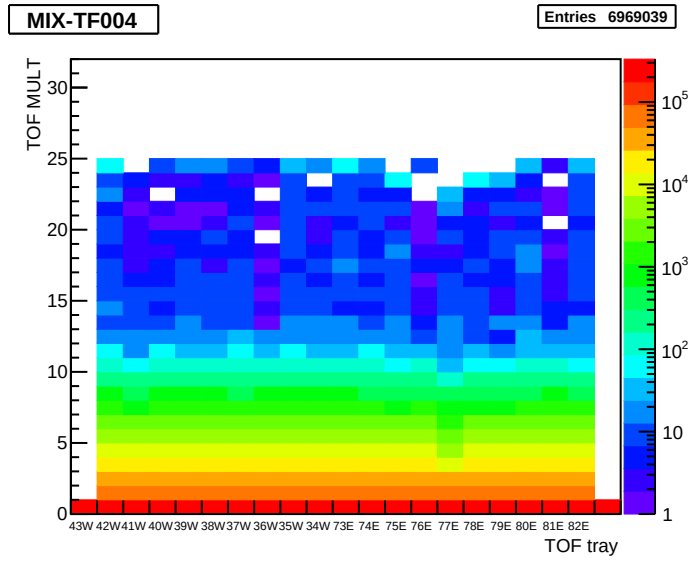

BunchId7Bit (Laser)
Entries 0

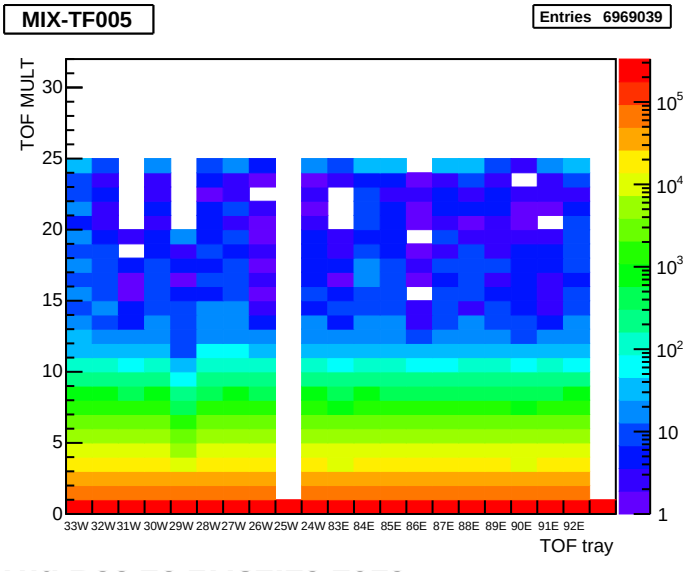

BunchId7Bit (TOFmult window)
Entries 11824

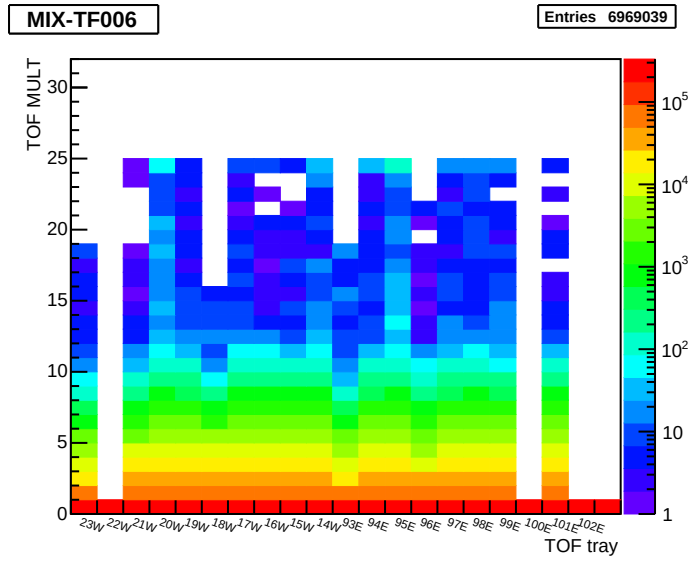

MIX-TF001
Entries 6969039
TOF MULT
TOF tray

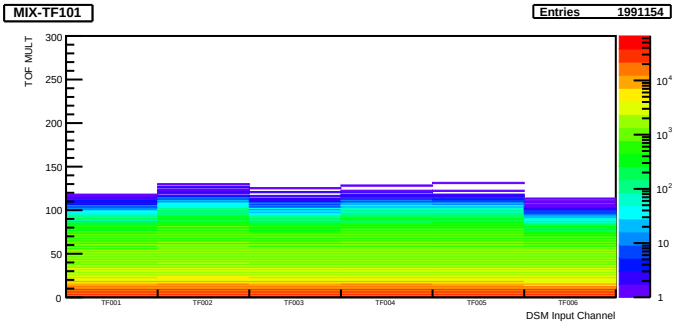

MIX-TF002
Entries 6969039
TOF MULT
TOF tray

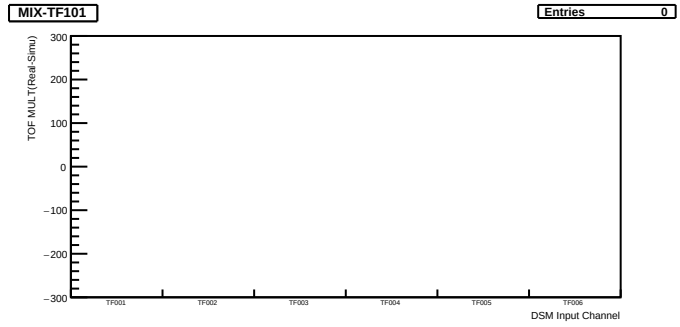

MIX-TF003
Entries 6969039
TOF MULT
TOF tray

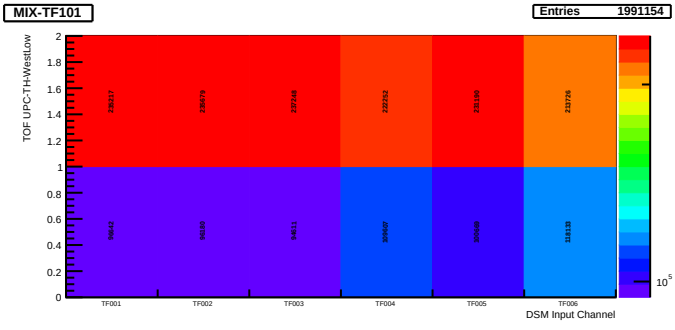

MIX-TF004
Entries 6969039
TOF MULT
TOF tray

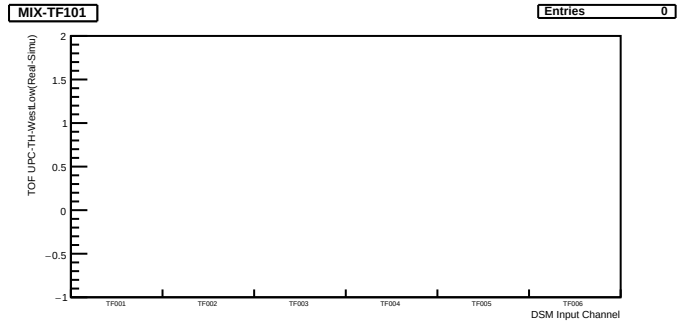

MIX-TF005
Entries 6969039
TOF MULT
TOF tray

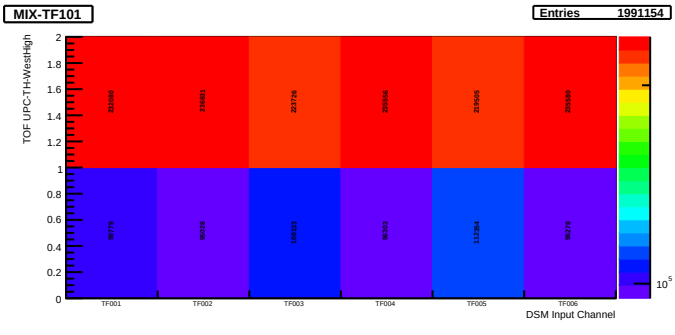

MIX-TF006
Entries 6969039
TOF MULT
TOF tray

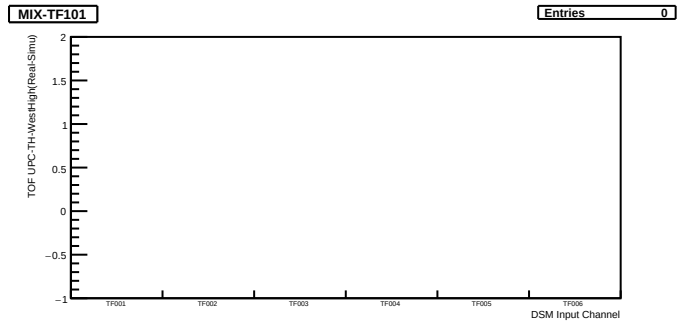

MIX-TF101
Entries 1991154
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

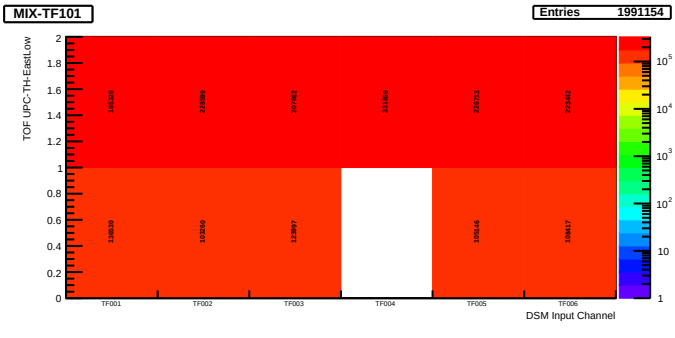

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

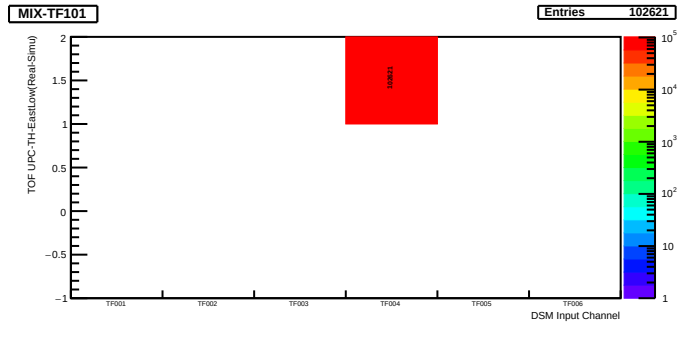

MIX-TF101
Entries 1991154
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

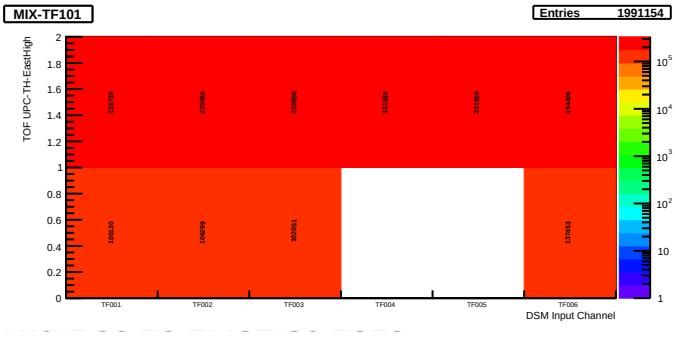

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

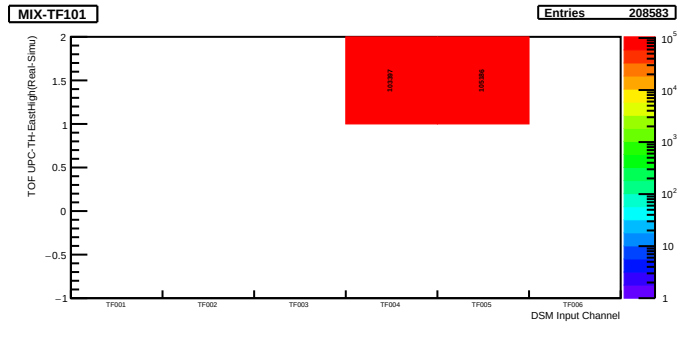

MIX-TF101
Entries 1991154
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

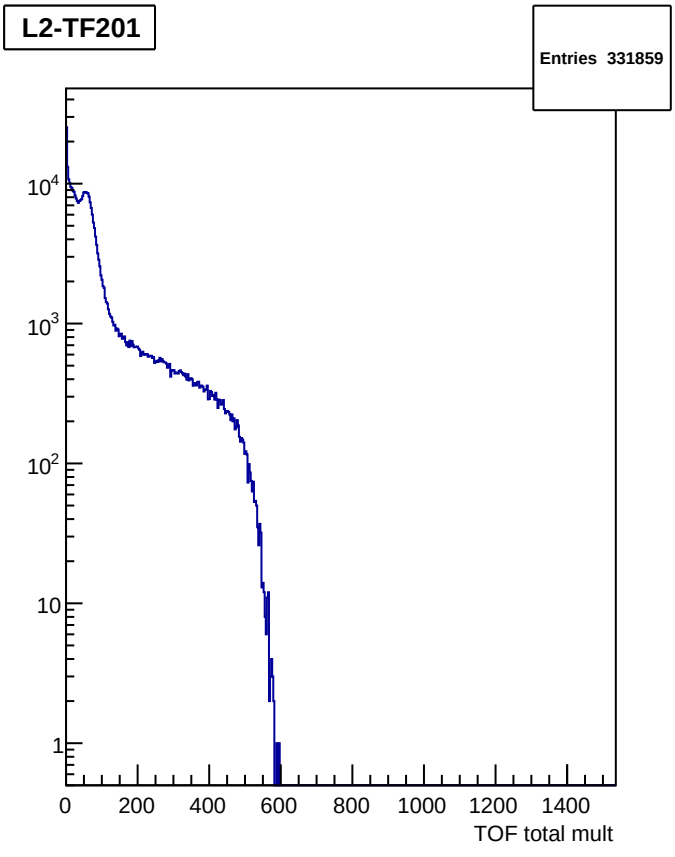

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

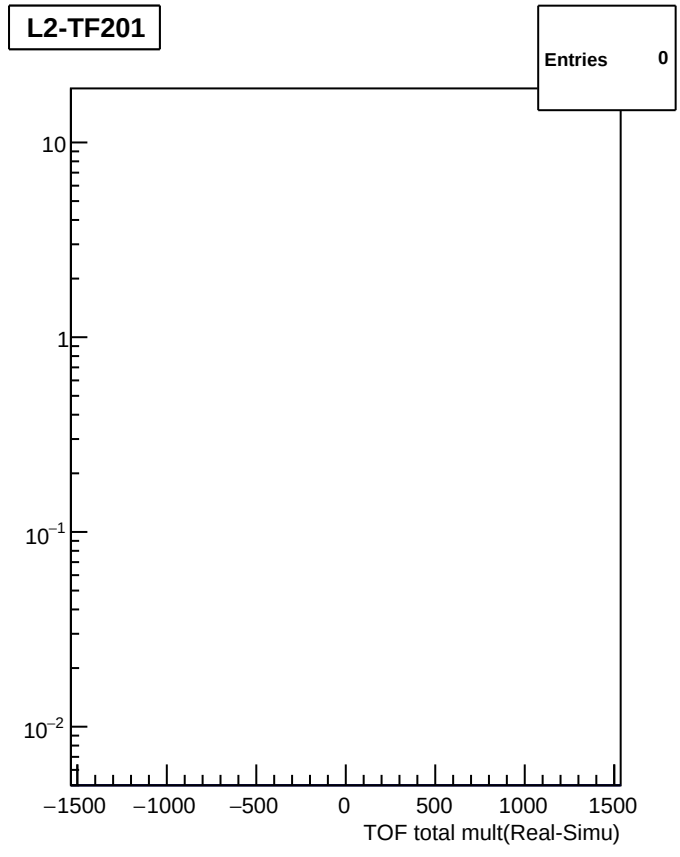

MIX-TF101
Entries 1991154
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

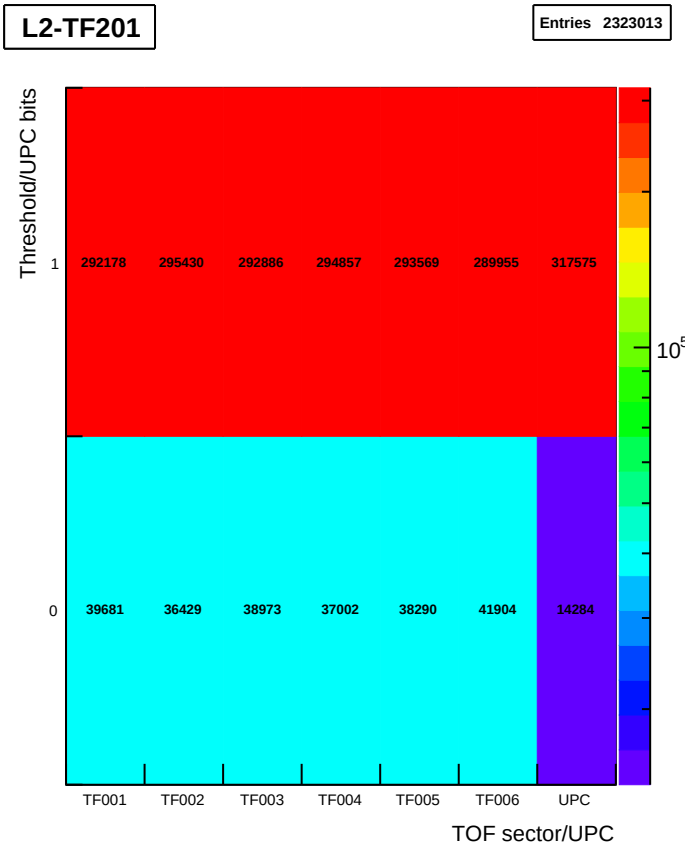

MIX-TF101
Entries 102621
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

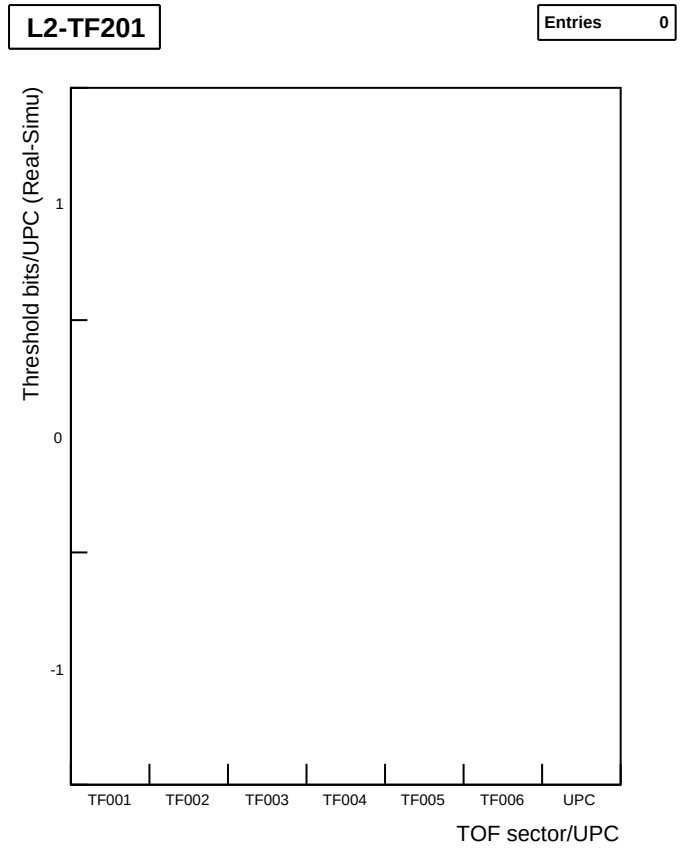

MIX-TF101
Entries 1991154
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

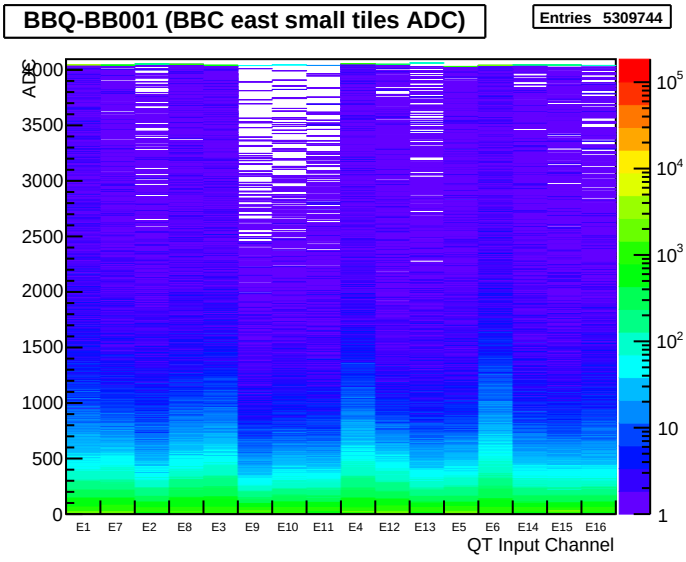

MIX-TF101
Entries 208583
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

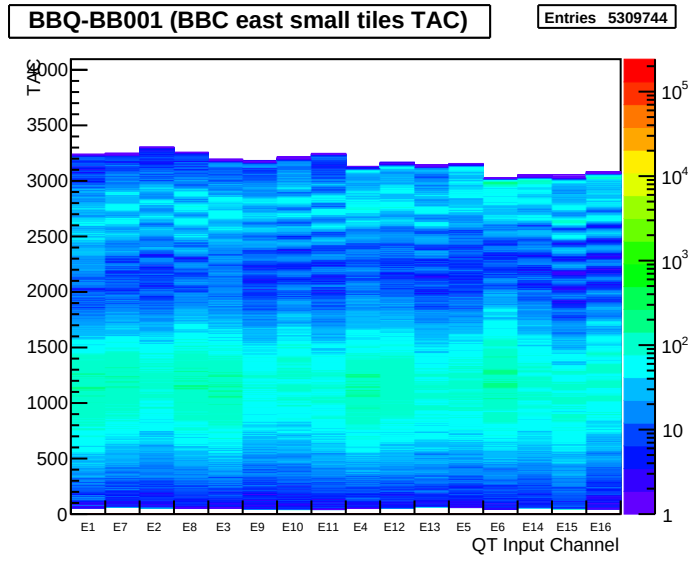

L2-TF201
Entries 331859
TOF total mult

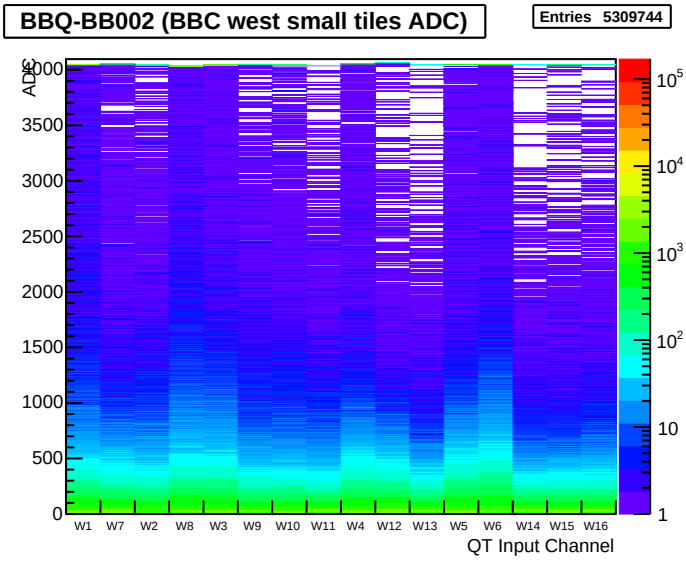

L2-TF201
Entries 0
TOF total mult(Real-Simu)

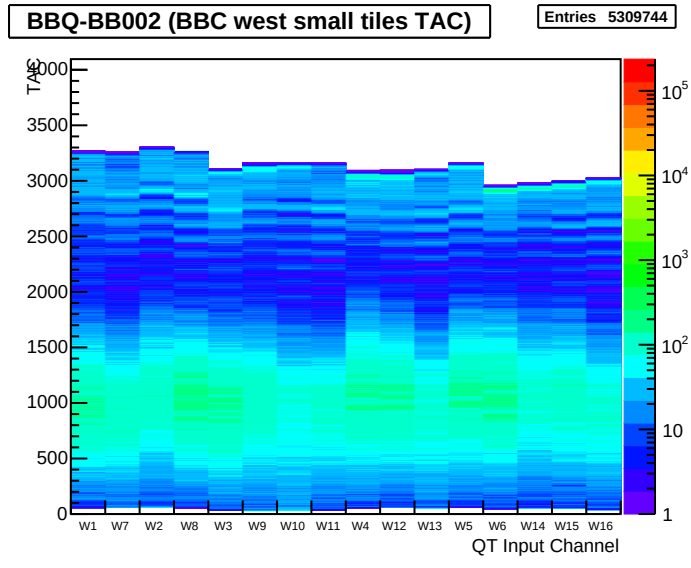

L2-TF201
Entries 2323013
Threshold/UPC bits
292178
295430
292886
294857
293569
289955
317575
39681
36429
38973
37002
38290
41904
14284
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

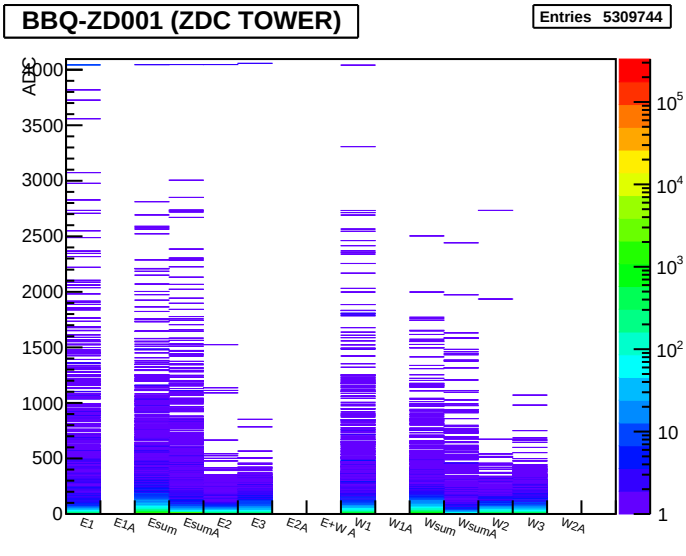

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

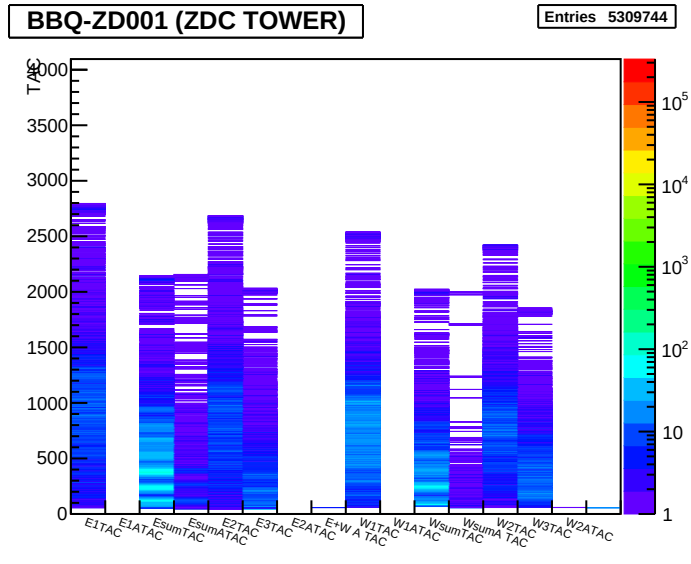

BBQ-BB001 (BBC east small tiles ADC)
Entries 5309744
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

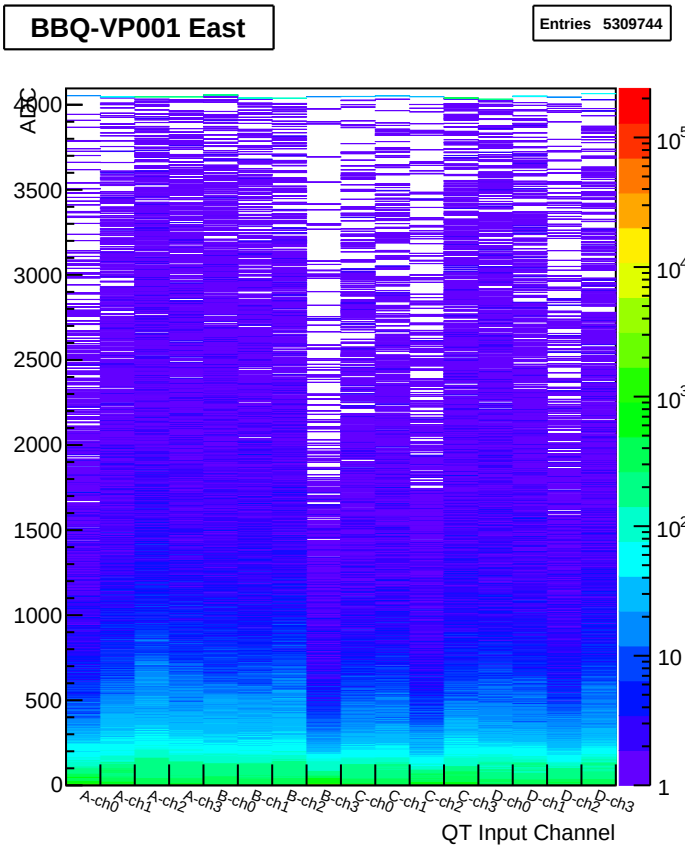

BBQ-BB001 (BBC east small tiles TAC)
Entries 5309744
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

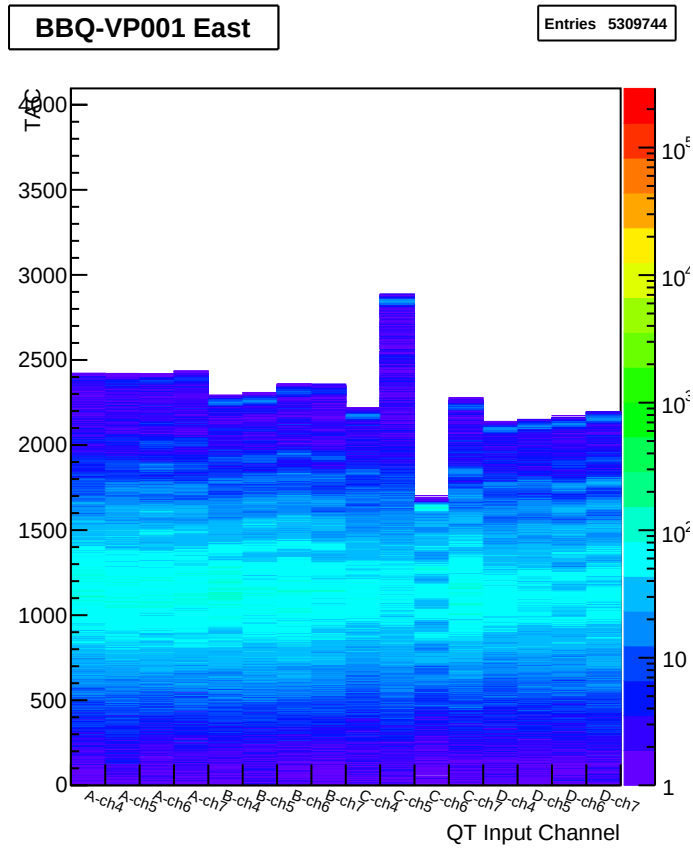

BBQ-BB002 (BBC west small tiles ADC)
Entries 5309744
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

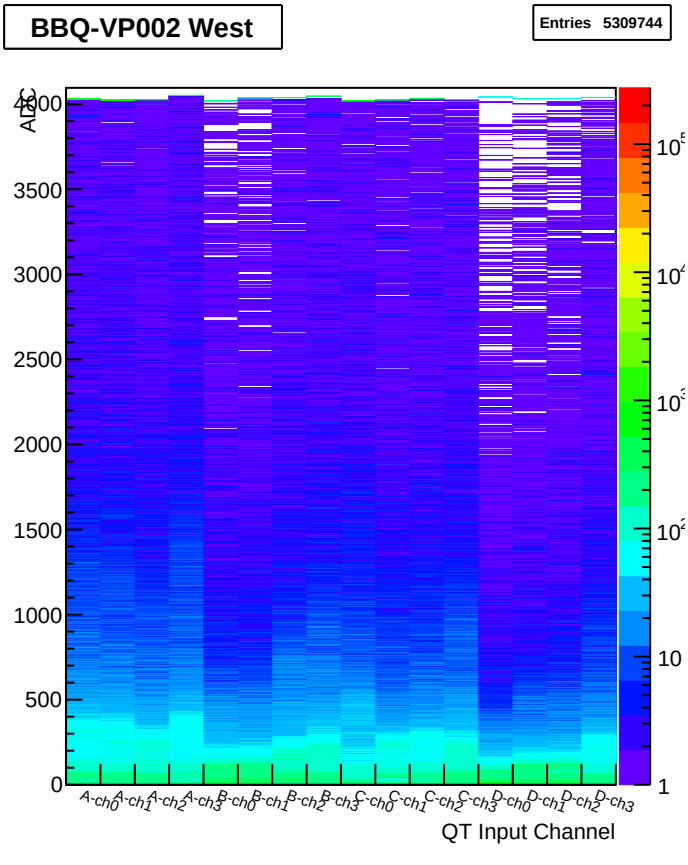

BBQ-BB002 (BBC west small tiles TAC)
Entries 5309744
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

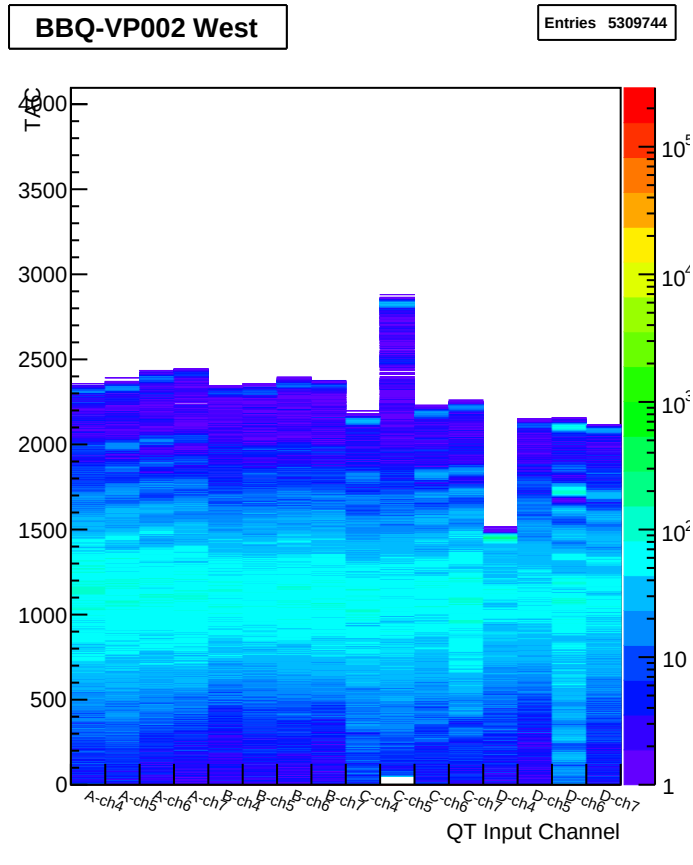

BBQ-ZD001 (ZDC TOWER)
Entries 5309744
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

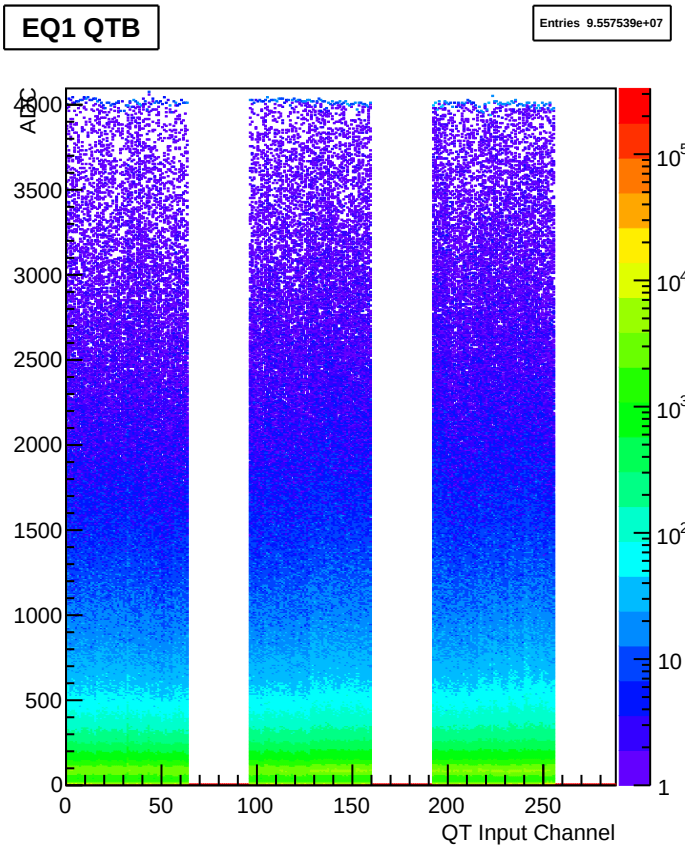

BBQ-ZD001 (ZDC TOWER)
Entries 5309744
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

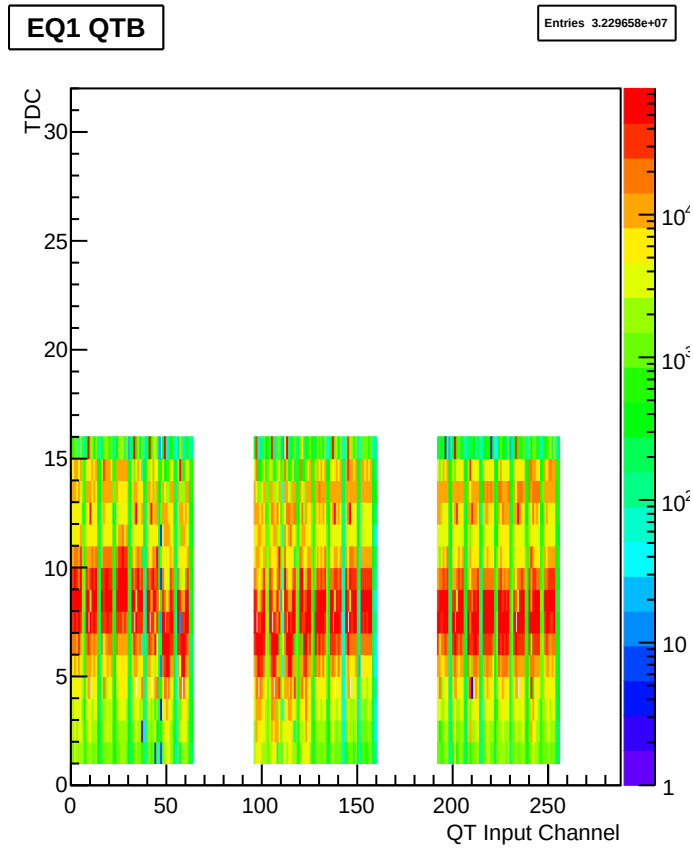

BBQ-VP001 East
Entries 5309744
ADC
QT Input Channel

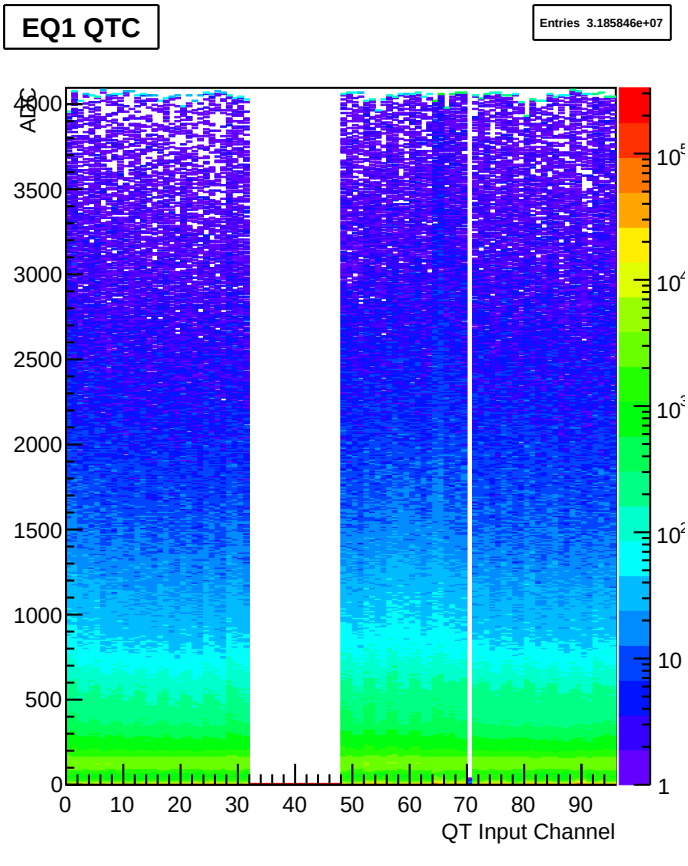

BBQ-VP001 East
Entries 5309744
TADC
QT Input Channel

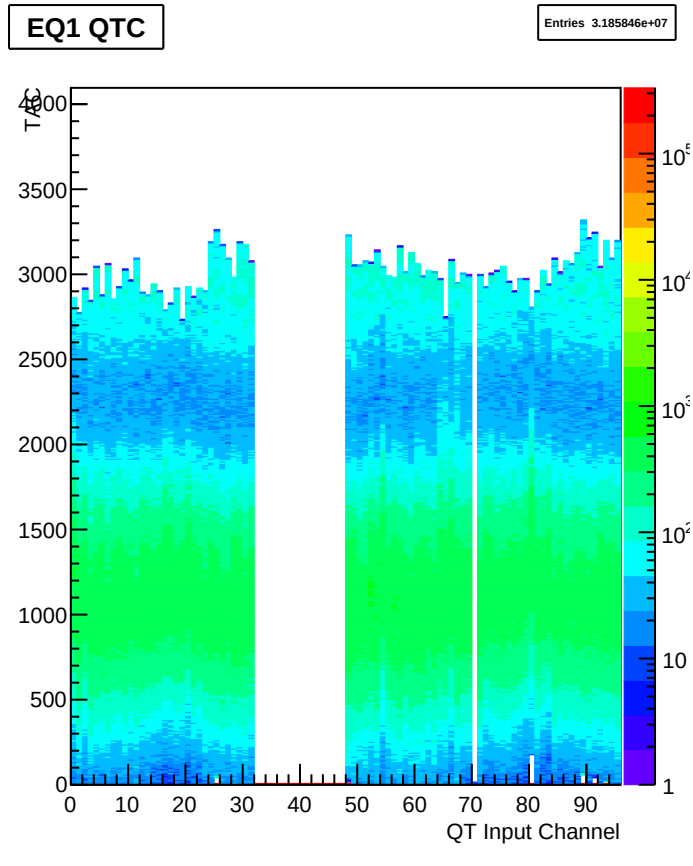

BBQ-VP002 West
Entries 5309744
ADC
QT Input Channel

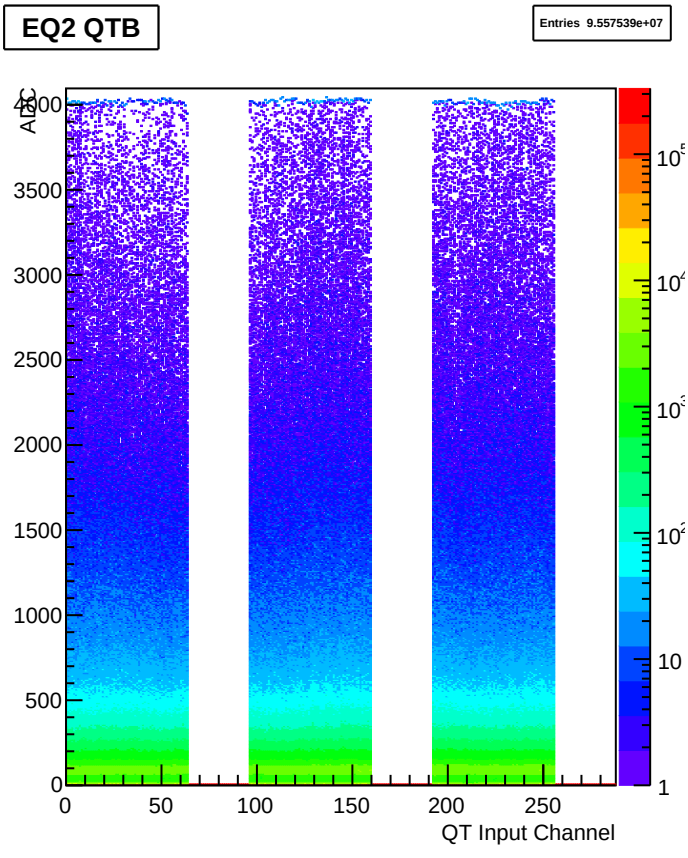

BBQ-VP002 West
Entries 5309744
TADC
QT Input Channel

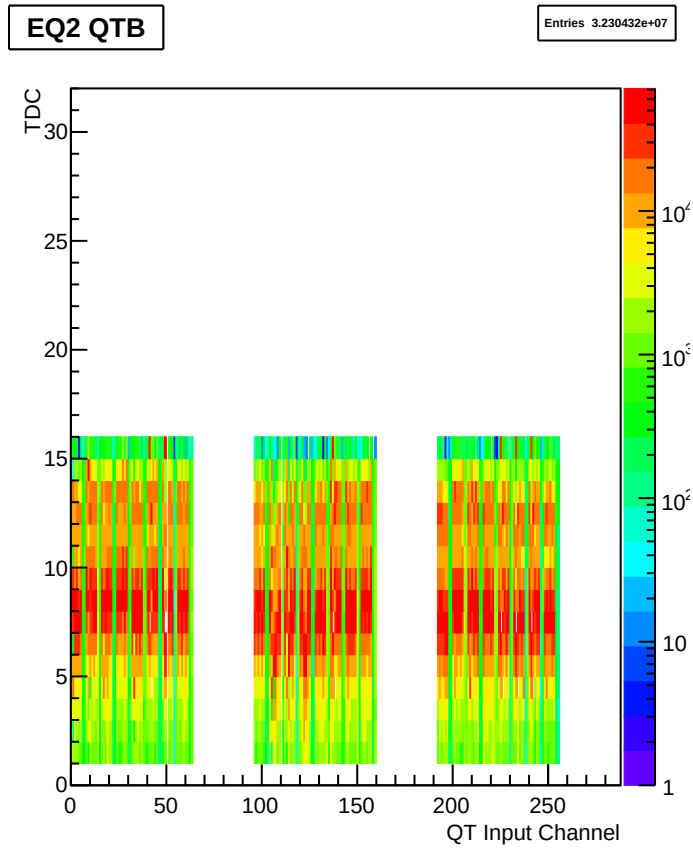

EQ1 QTB
Entries 9.557539e+07
ADC
QT Input Channel

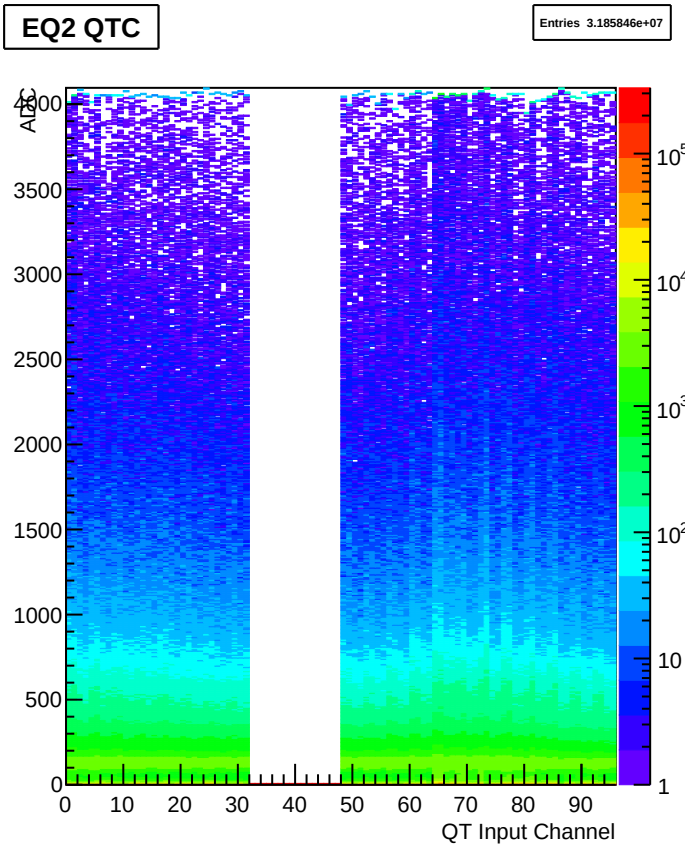

EQ1 QTB
Entries 3.229658e+07
TDC
QT Input Channel

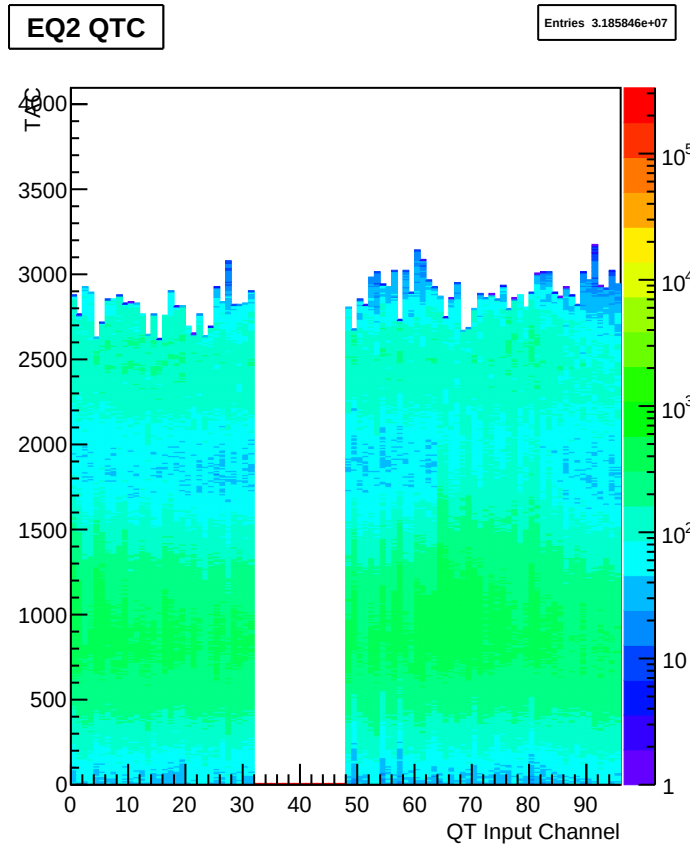

EQ1 QTC
Entries 3.185846e+07
ADC
QT Input Channel

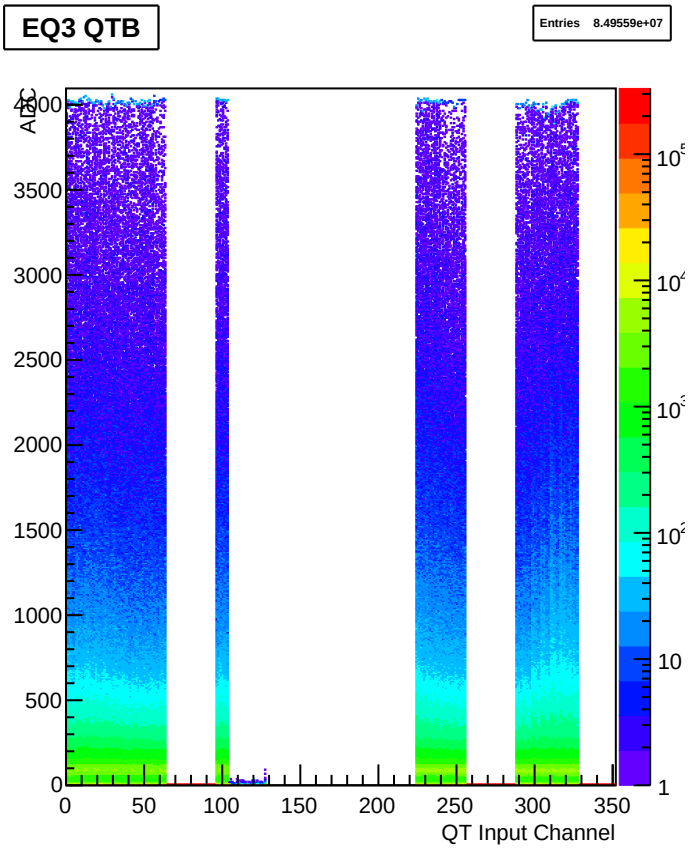

EQ1 QTC
Entries 3.185846e+07
TADC
QT Input Channel

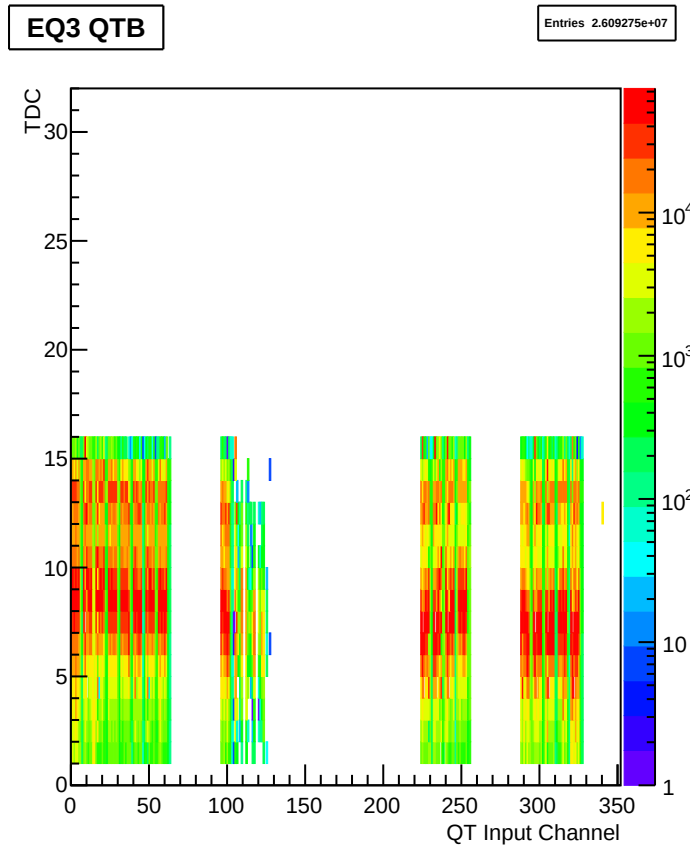

EQ2 QTB
Entries 9.557539e+07
ADC
QT Input Channel

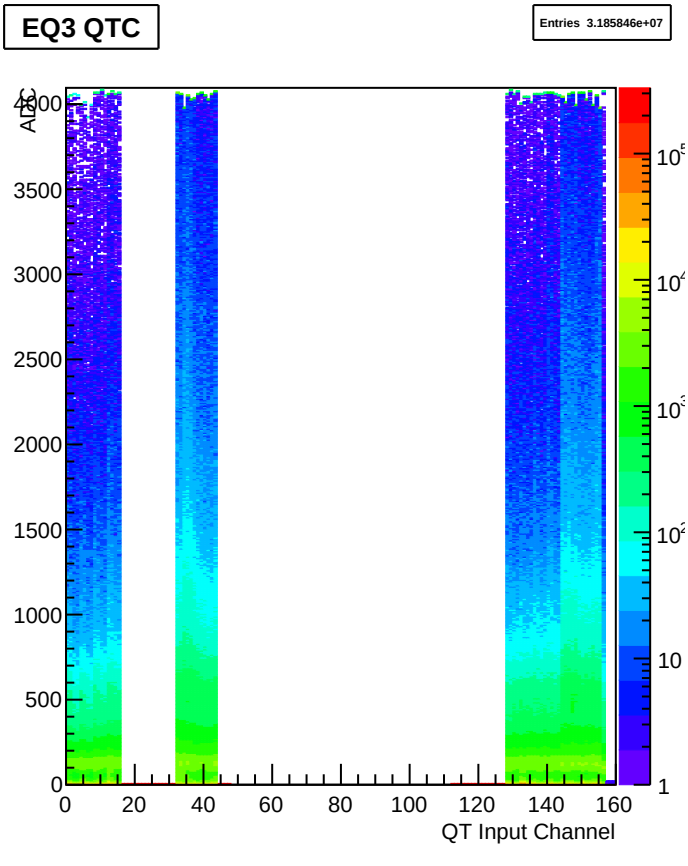

EQ2 QTB
Entries 3.230432e+07
TDC
QT Input Channel

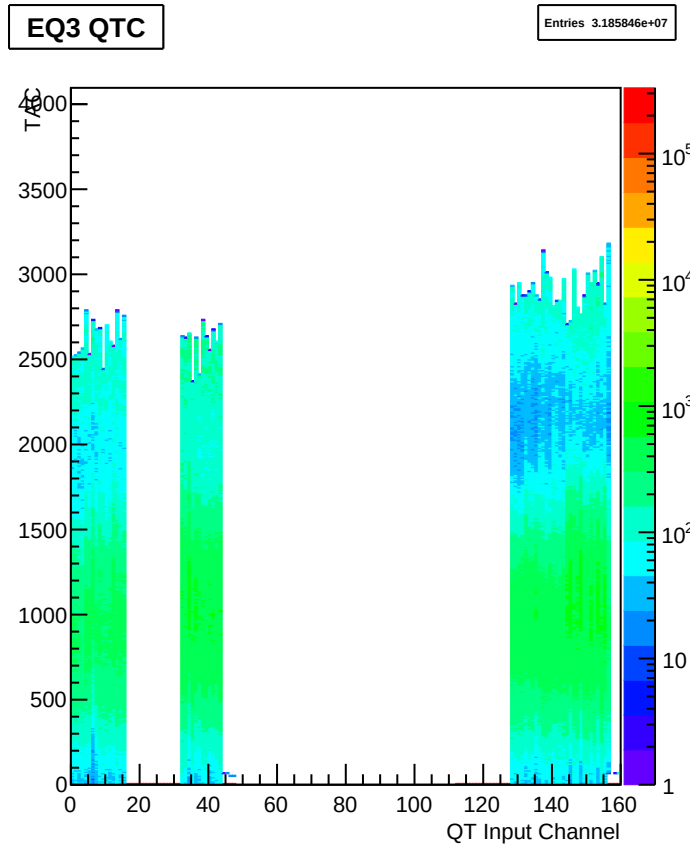

EQ2 QTC
Entries 3.185846e+07
ADC
QT Input Channel

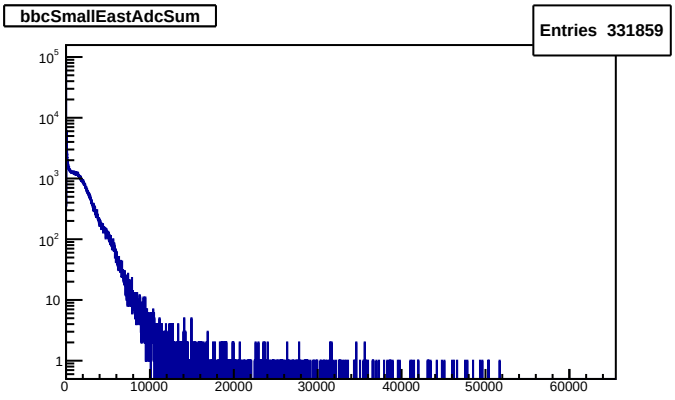

EQ2 QTC
Entries 3.185846e+07
TADC
QT Input Channel

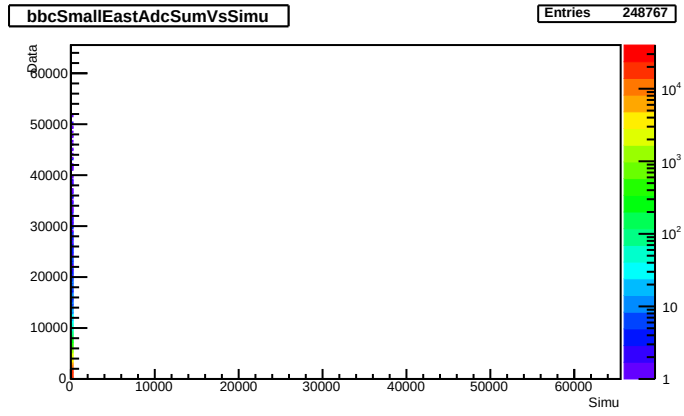

EQ3 QTB
Entries 8.49559e+07
ADC
QT Input Channel

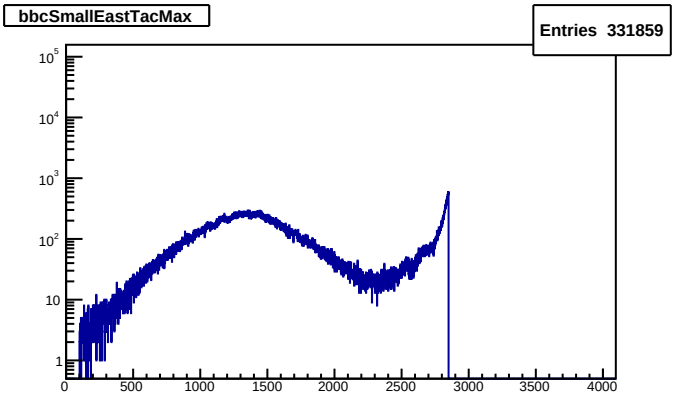

EQ3 QTB
Entries 2.609275e+07
TDC
QT Input Channel

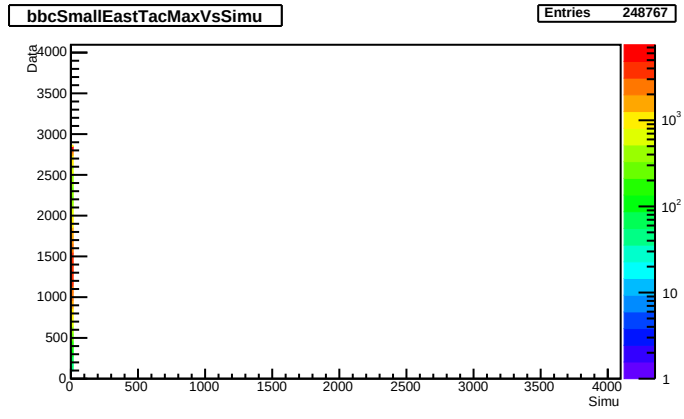

EQ3 QTC
Entries 3.185846e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.185846e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 331859


bbcSmallEastAdcSumVsSimu
Entries 248767
Data
Simu


bbcSmallEastTacMax
Entries 331859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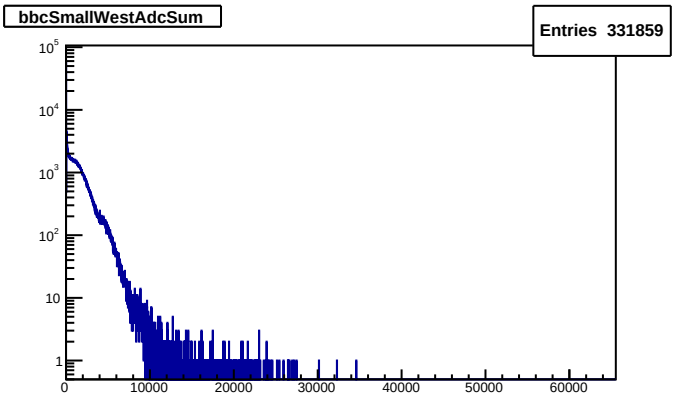
Entries 248767
Data
Simu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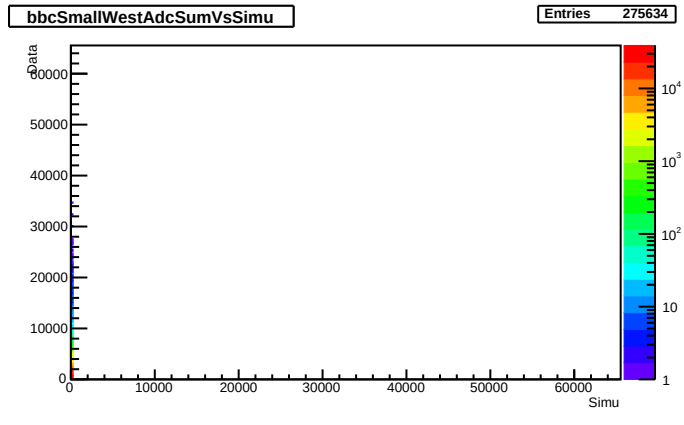
Entries 331859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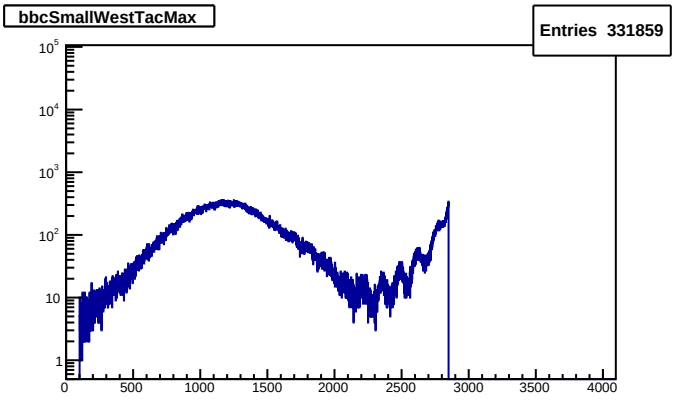
Entries 275634
Data
Simu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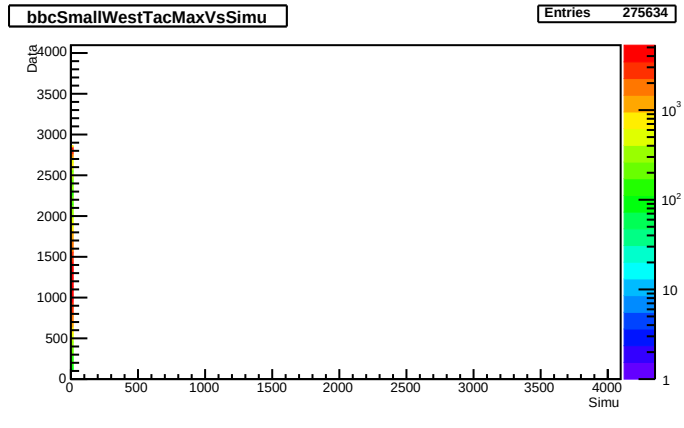
Entries 331859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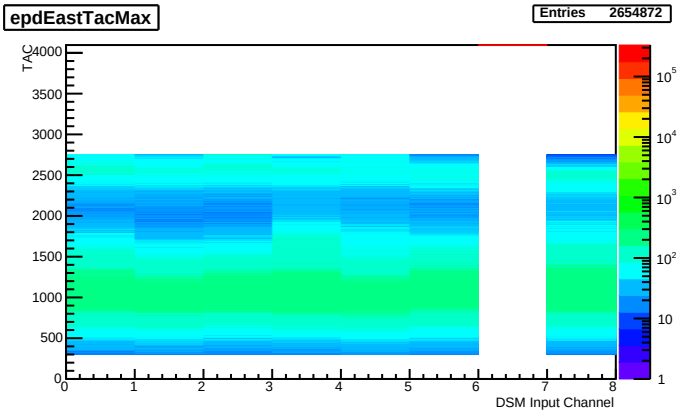
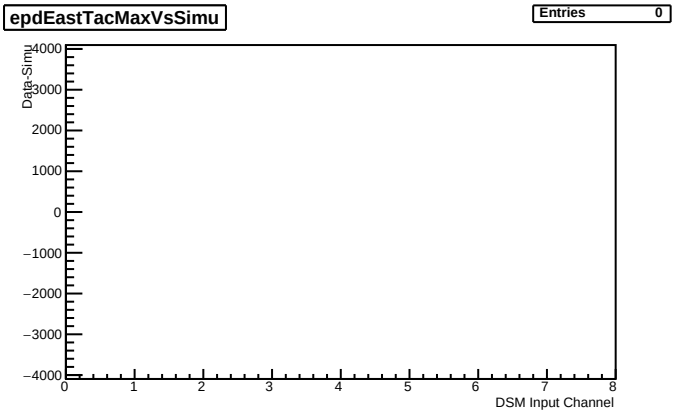
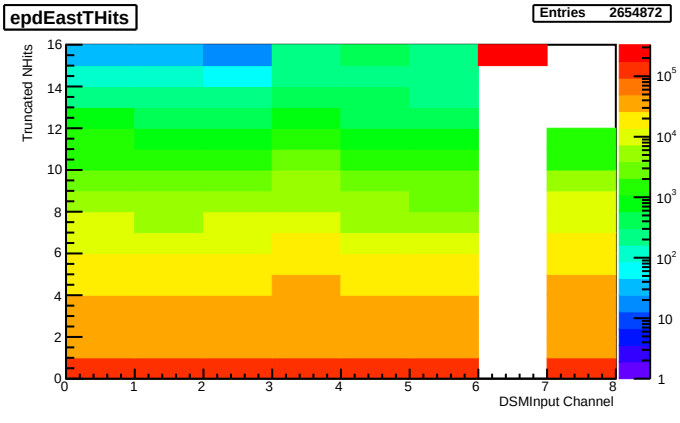
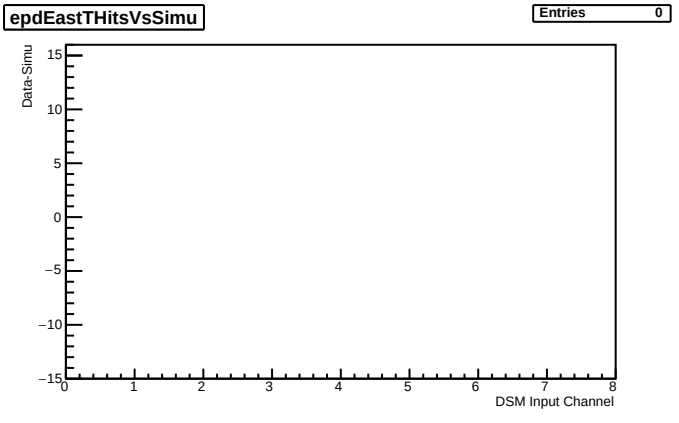
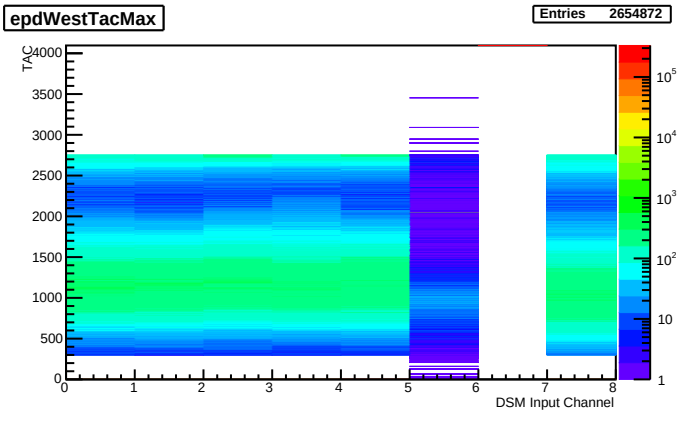
Entries 275634
Data
Simu


epdEastTacMax
Entries 2654872
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2654872
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel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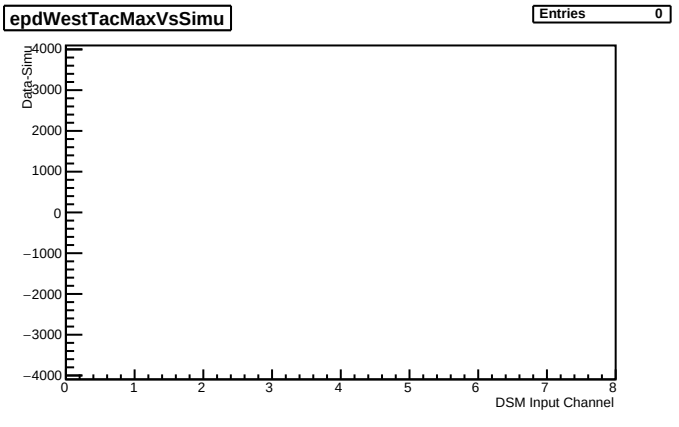
Entries 2654872
TAC
DSM Input Channel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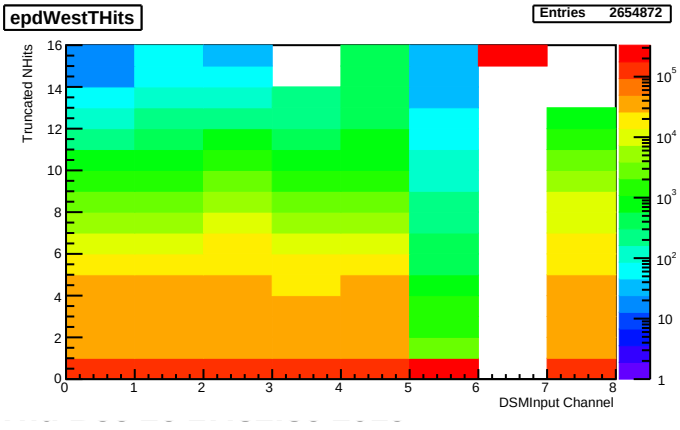
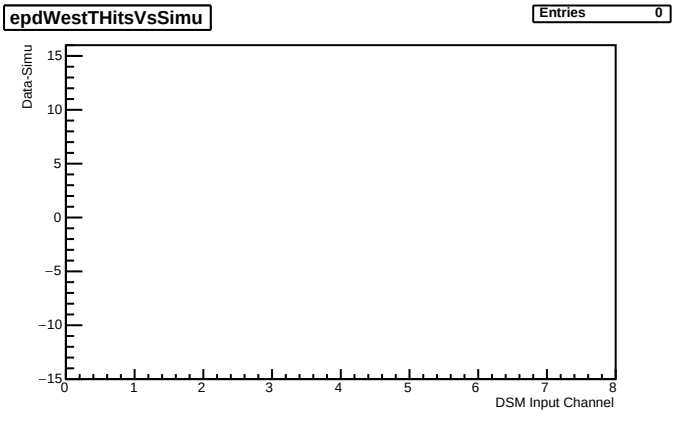
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2654872
Truncated NHits
DSMInput Channel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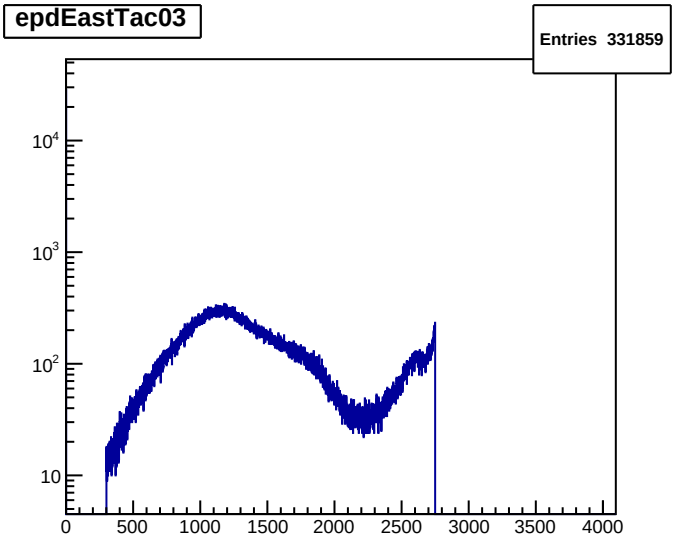
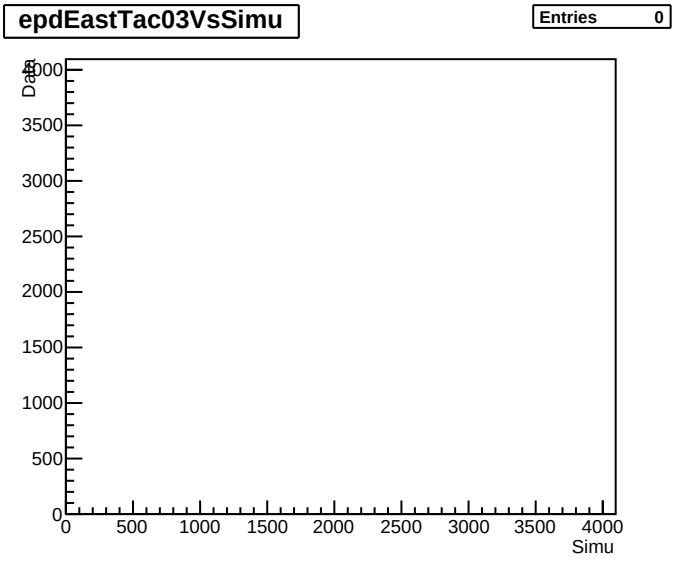
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 331859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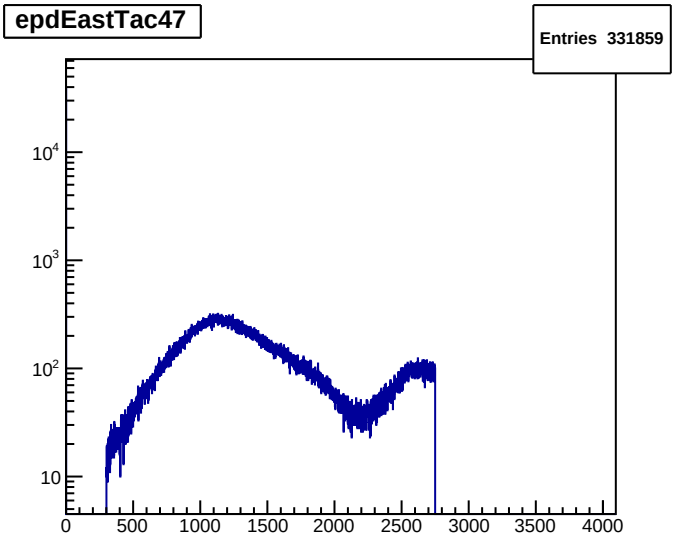
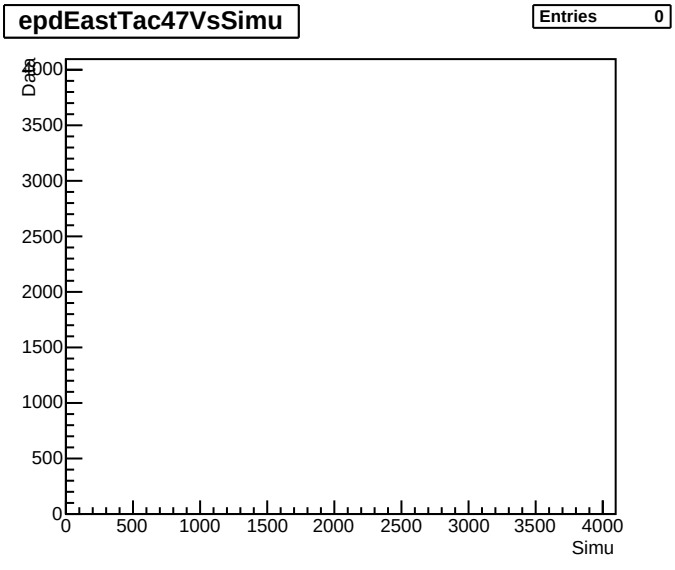
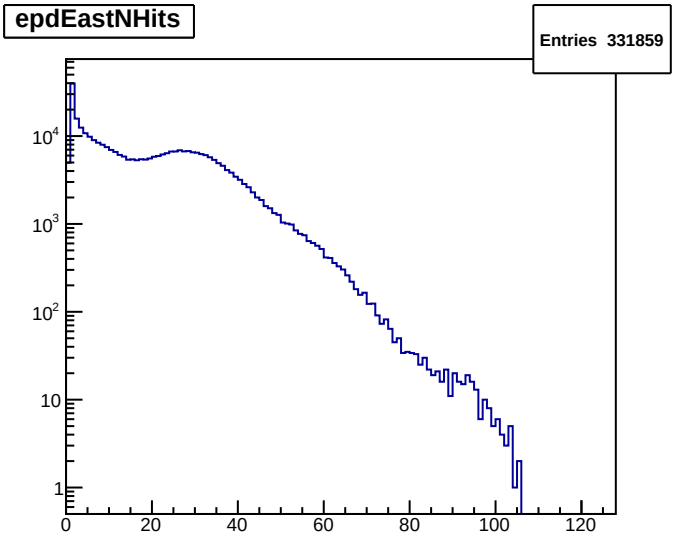
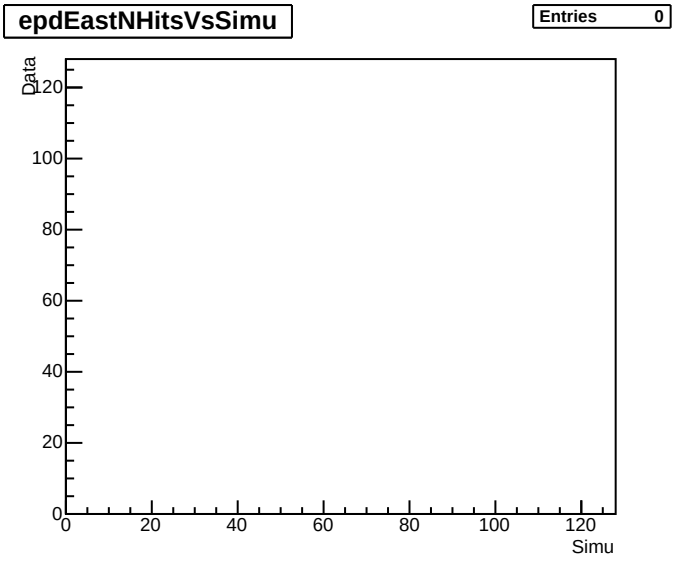
Entries 0
Data
Simu


epdEastTac47
Entries 331859


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 331859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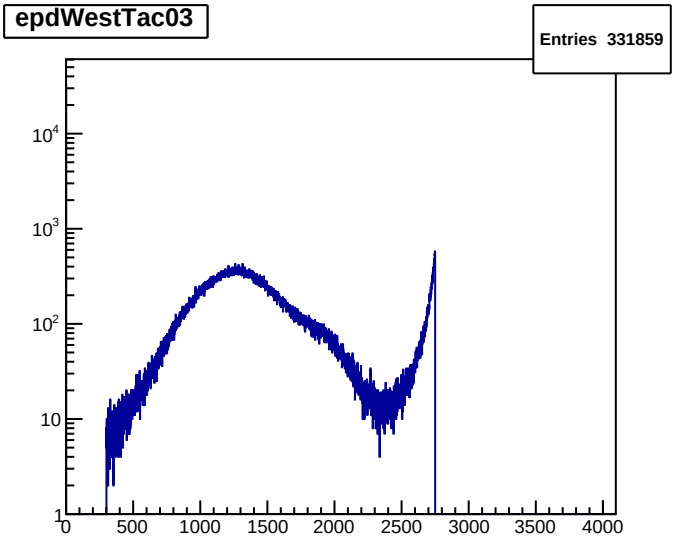
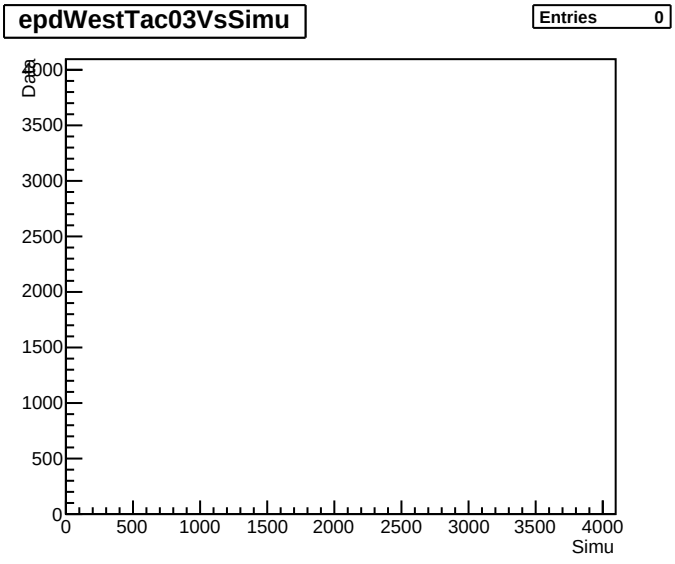
Entries 0
Data
Simu


epdWestTac03
Entries 331859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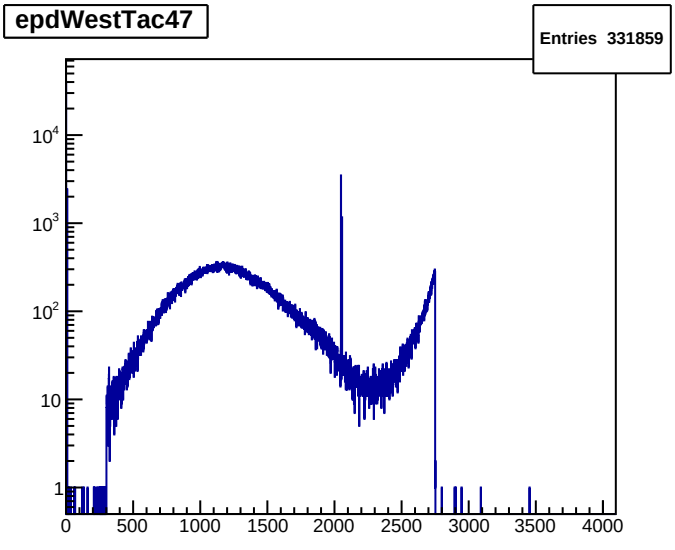
Entries 0
Data
Simu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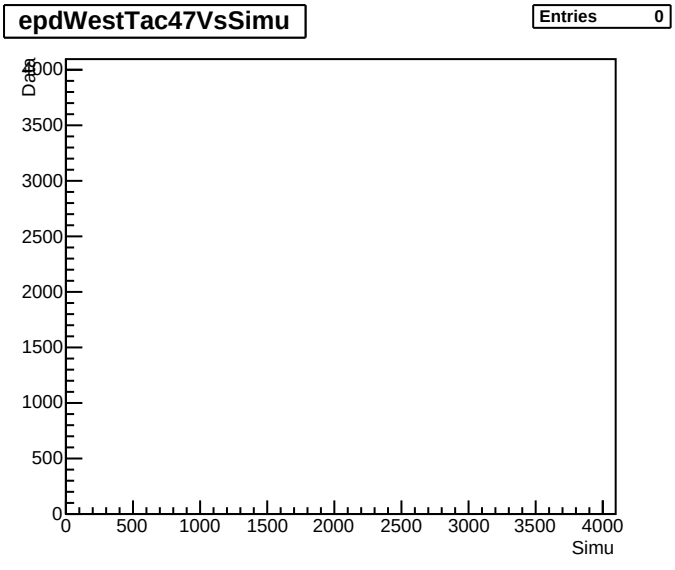
Entries 331859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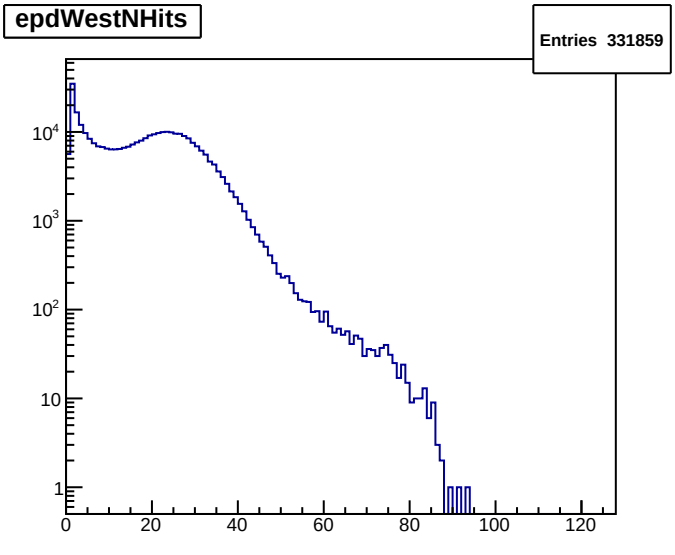
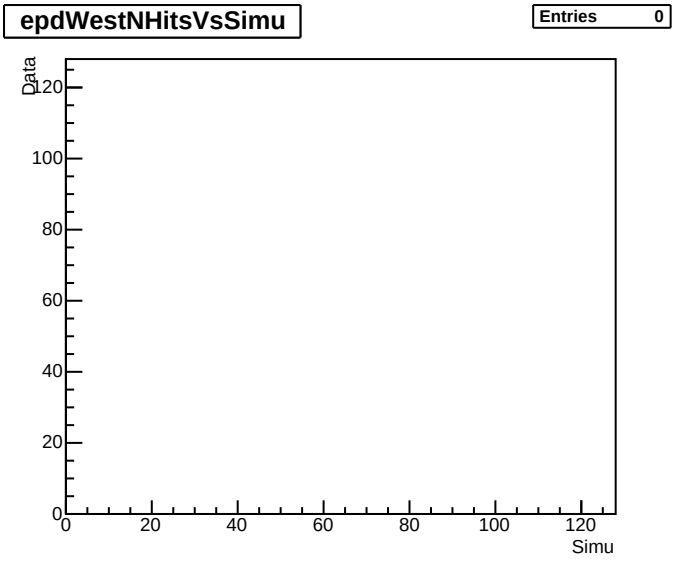
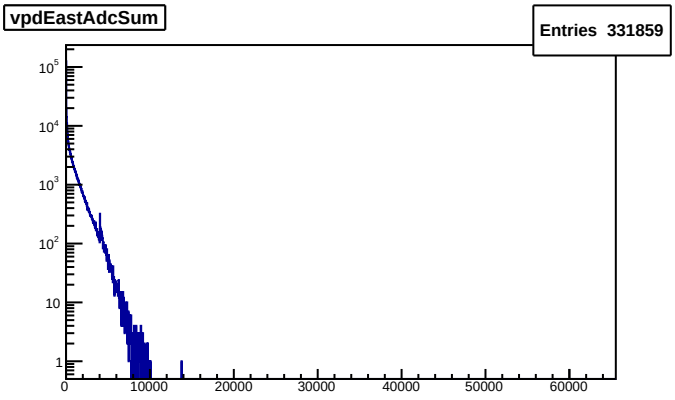
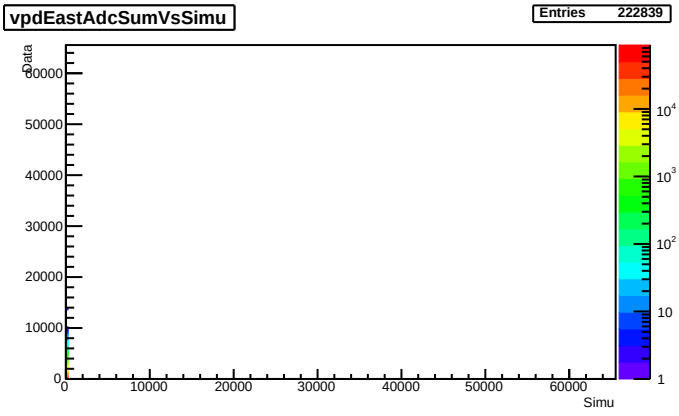
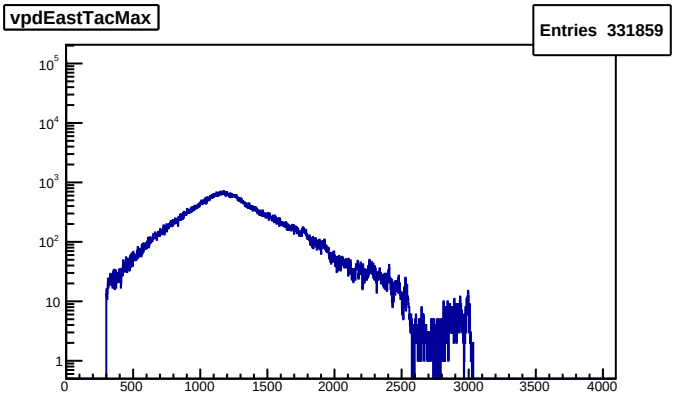
Entries 0
Data
Simu

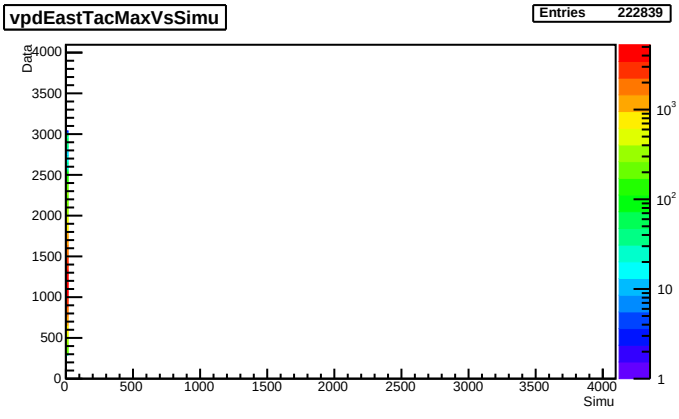

epdWestNHits
Entries 331859

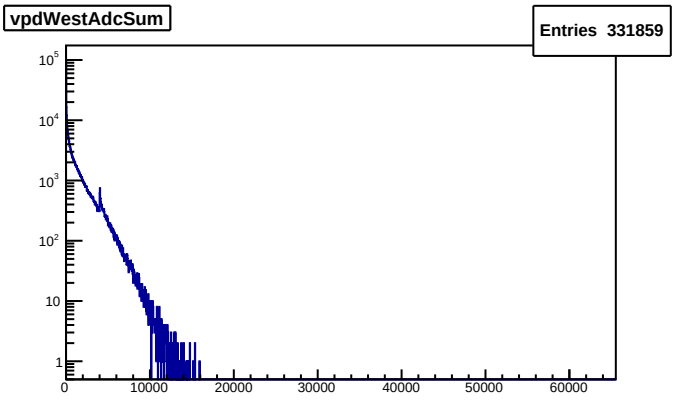

epdWestNHitsVsSimu
Entries 0
Data
Simu

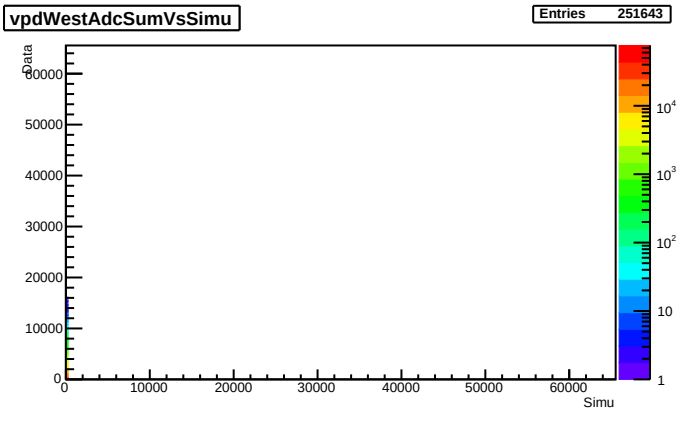

vpdEastAdcSum
Entries 331859

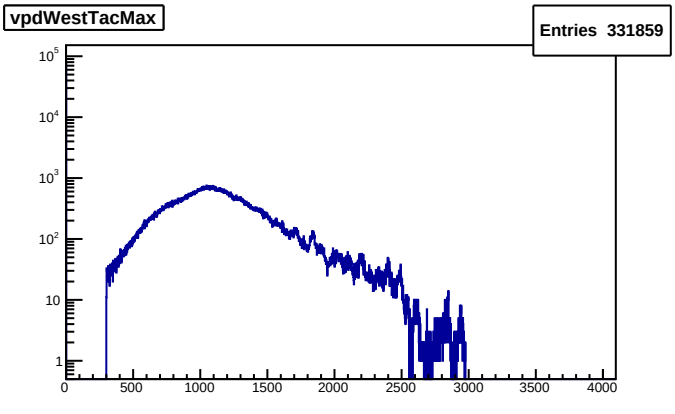

vpdEastAdcSumVsSimu
Entries 222839
Data
Simu

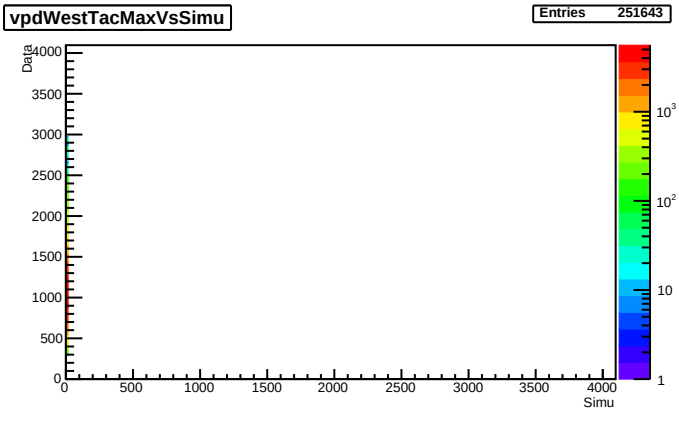

vpdEastTacMax
Entries 331859

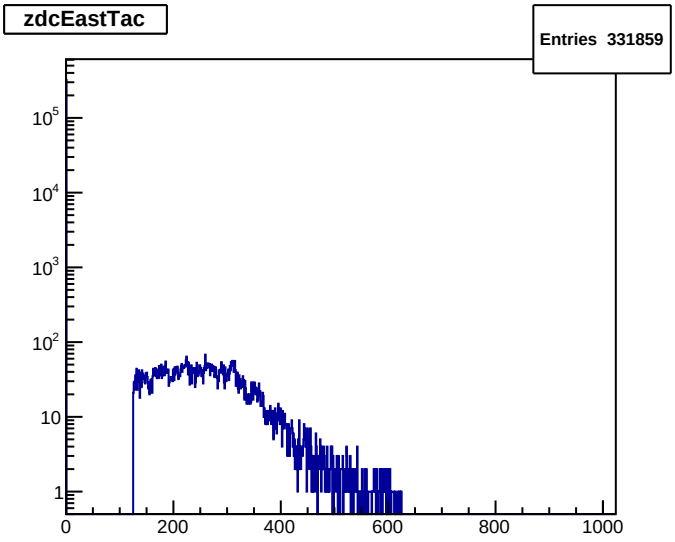

vpdEastTacMaxVsSimu
Entries 222839
Data
Simu

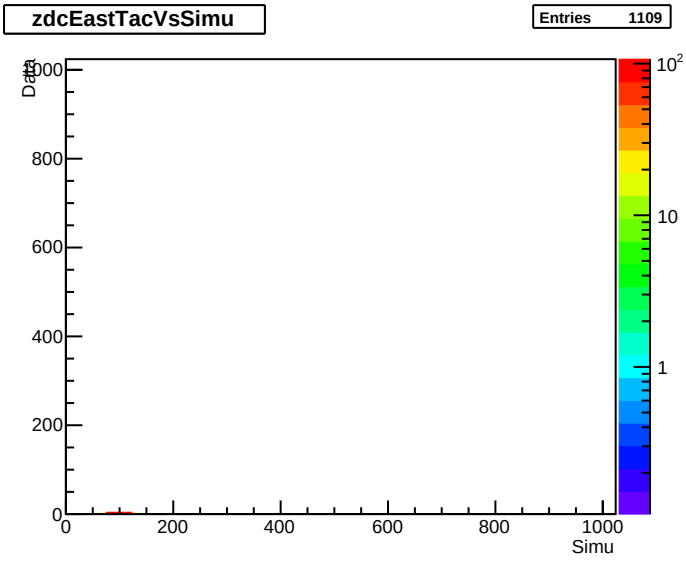

vpdWestAdcSum
Entries 331859

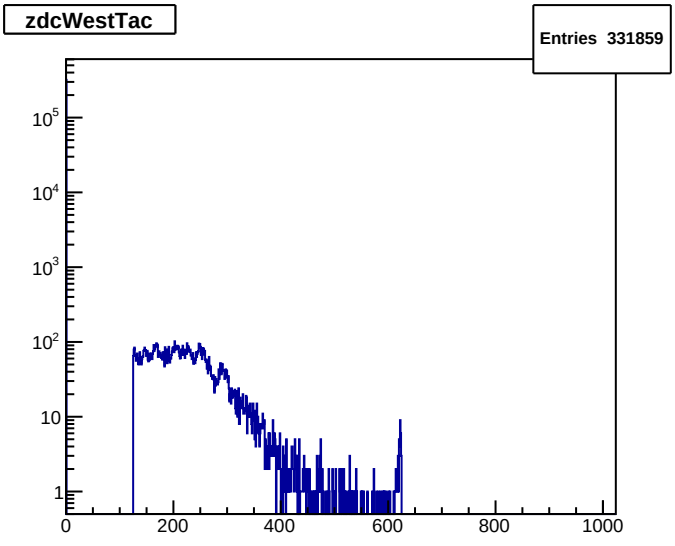

vpdWestAdcSumVsSimu
Entries 251643
Data
Simu

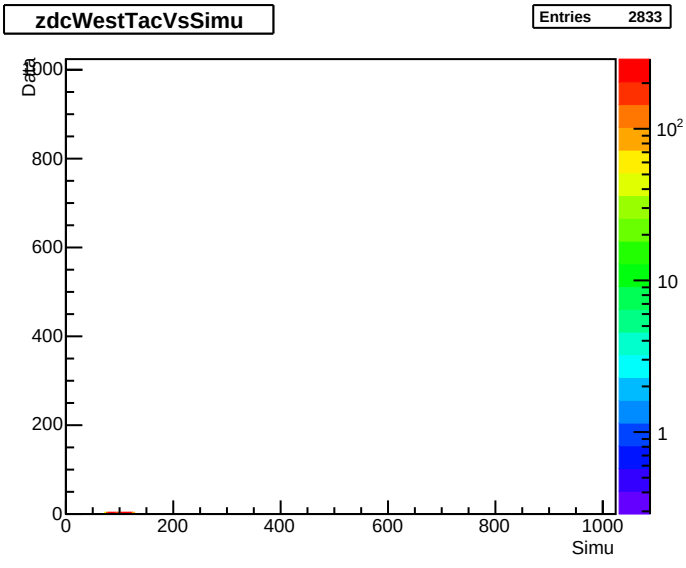

vpdWestTacMax
Entries 331859

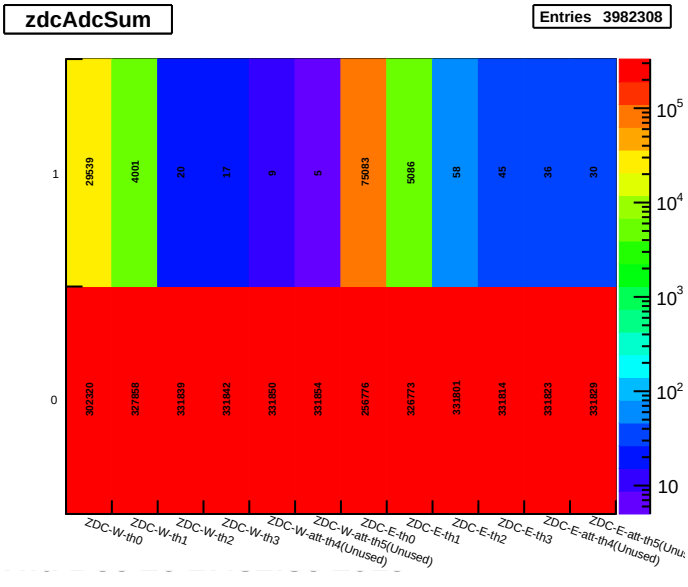

vpdWestTacMaxVsSimu
Entries 251643
Data
Simu

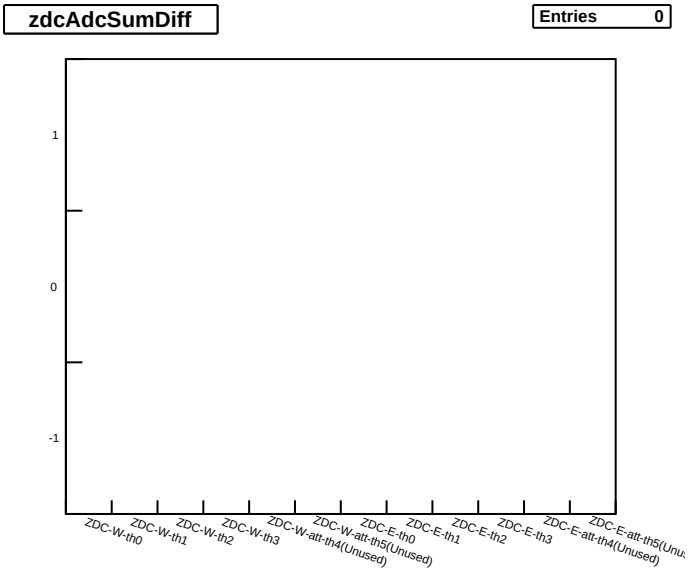

zdcEastTac
Entries 331859
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

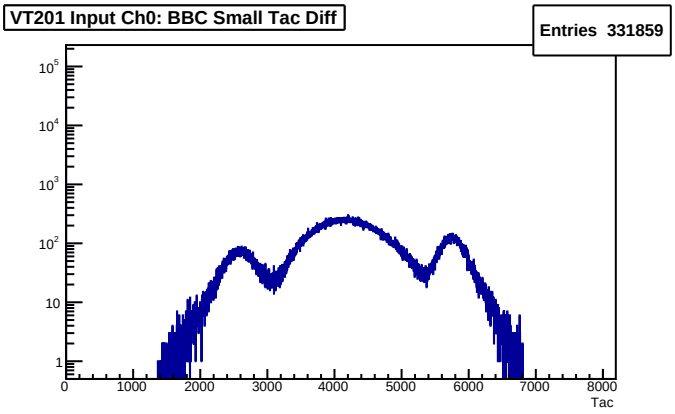

zdcEastTacVsSimu
Entries 1109
Data
1000
800
600
400
200
0
Simu
10^2
10
1

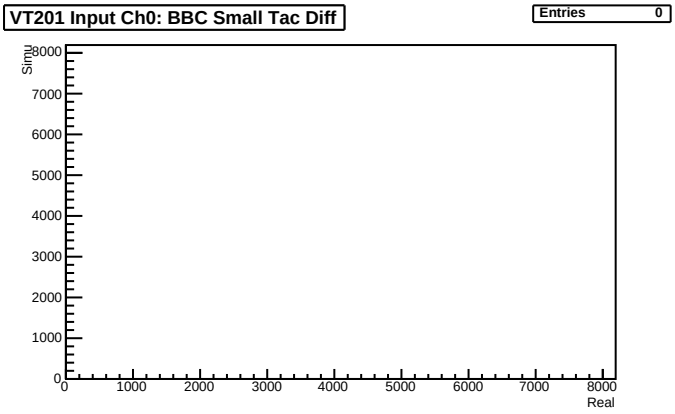

zdcWestTac
Entries 331859
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

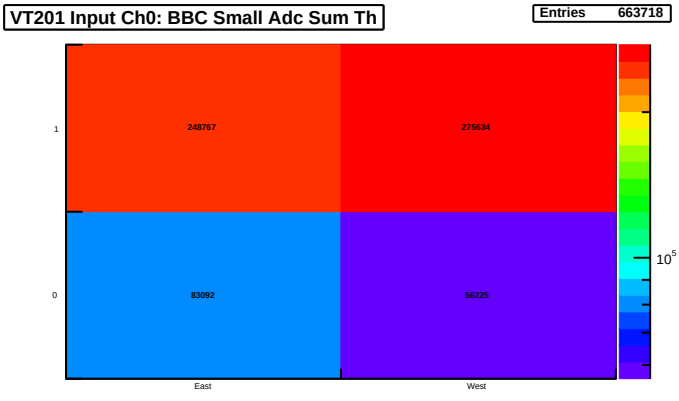

zdcWestTacVsSimu
Entries 2833
Data
1000
800
600
400
200
0
Simu
10^2
10
1

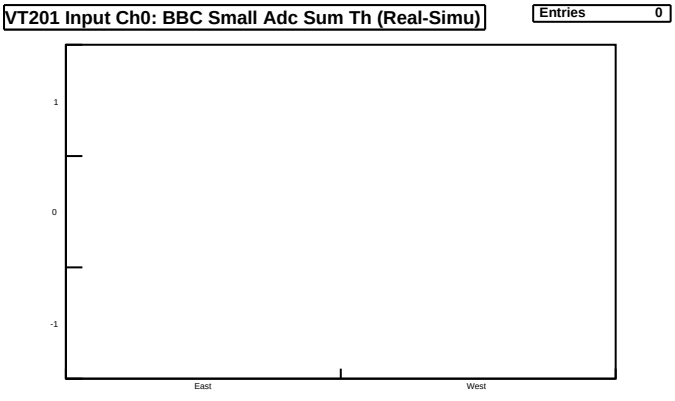

zdcAdcSum
Entries 3982308
1
0
29539
4001
20
17
9
5
75083
5086
58
45
36
30
302320
327858
331839
331842
331850
331854
256776
326773
331801
331814
331823
331829
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

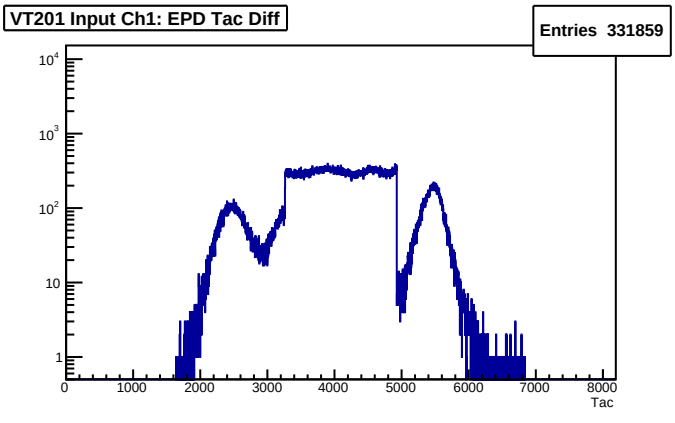

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

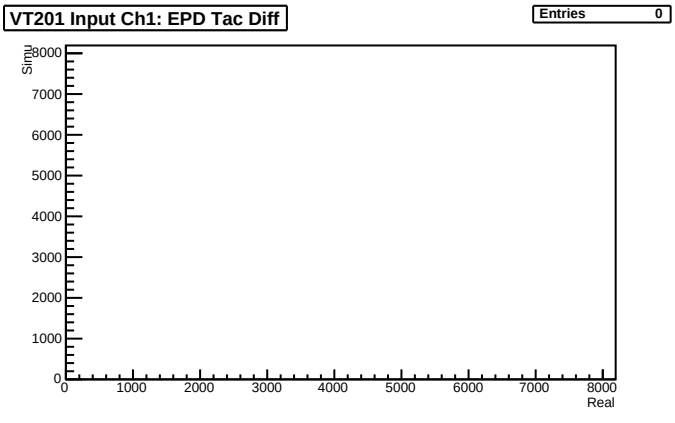

VT201 Input Ch0: BBC Small Tac Diff
Entries 331859
Tac

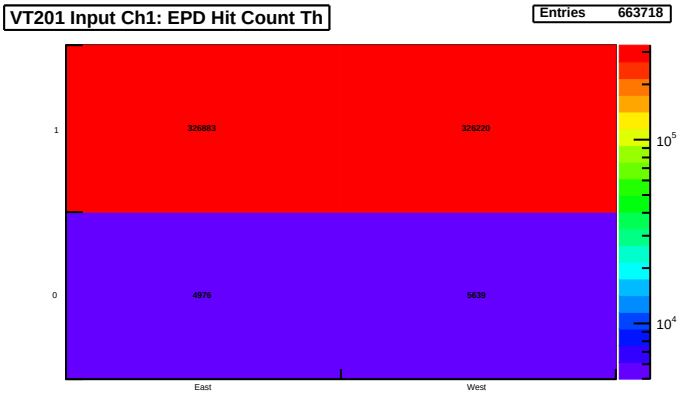

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

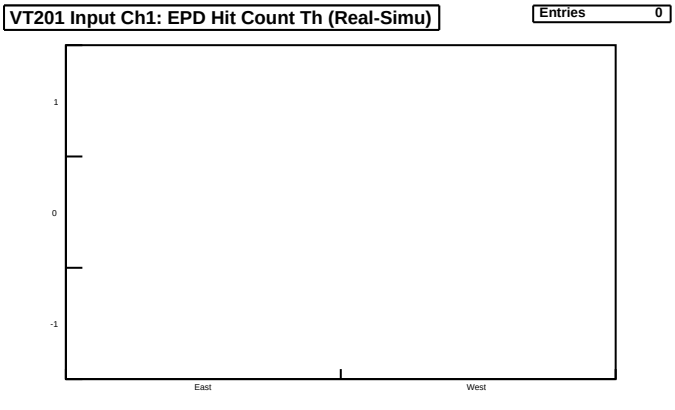

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 663718
248767
275634
83092
50225
East
West

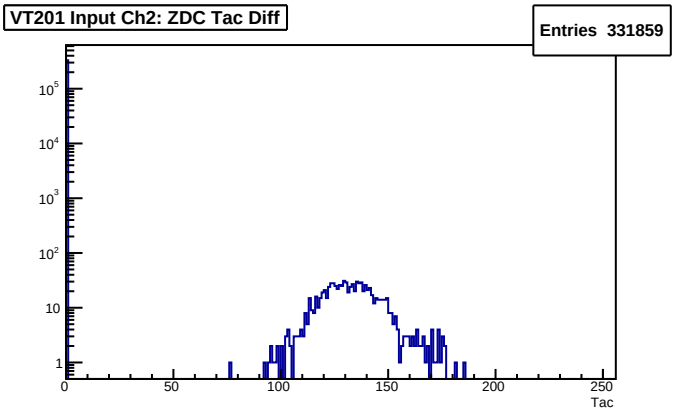

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

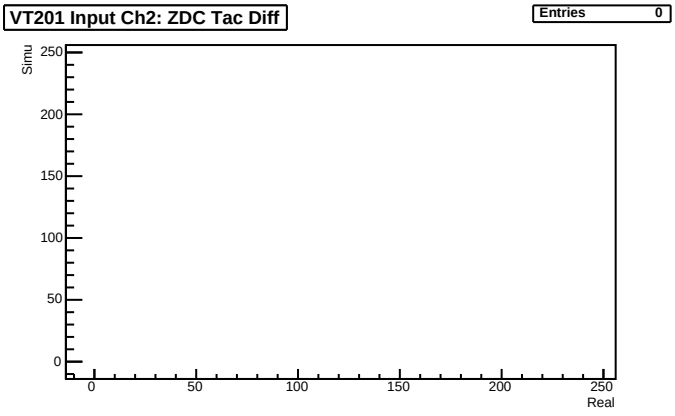

VT201 Input Ch1: EPD Tac Diff
Entries 331859
Tac

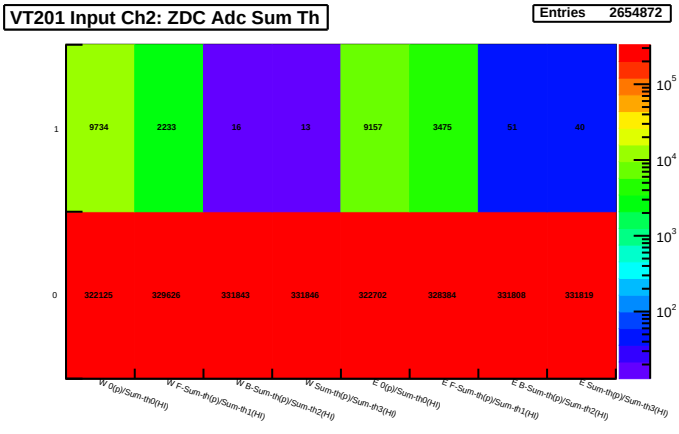

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

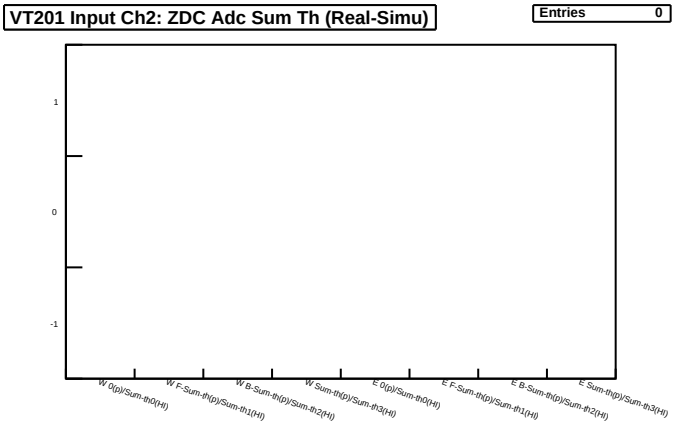

VT201 Input Ch1: EPD Hit Count Th
Entries 663718
326883
326220
4976
5539
East
West

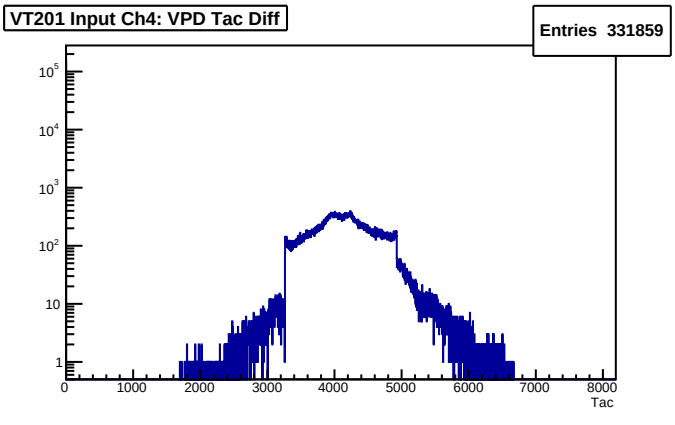

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

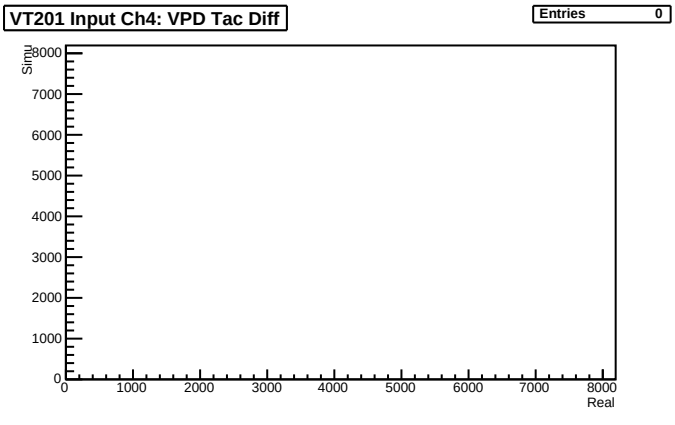

VT201 Input Ch2: ZDC Tac Diff
Entries 331859
Tac

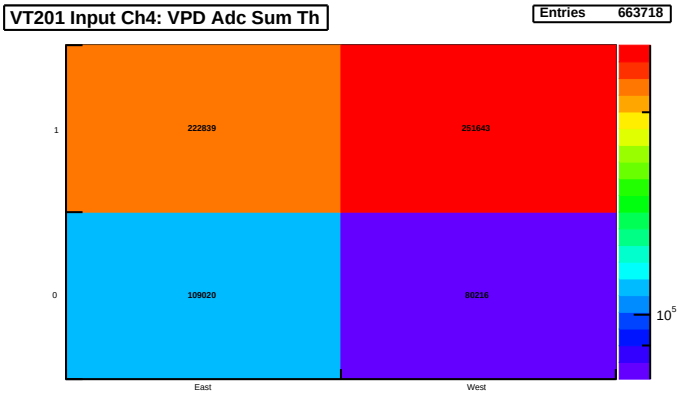

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

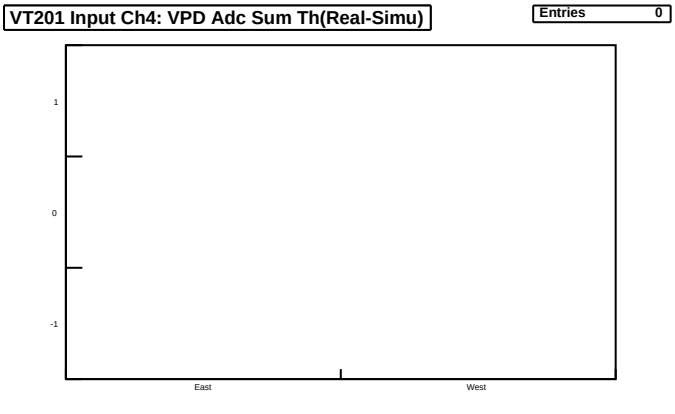

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2654872
9734
2233
16
13
9157
3475
51
40
322125
329626
331843
331846
322702
328384
331808
331819
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

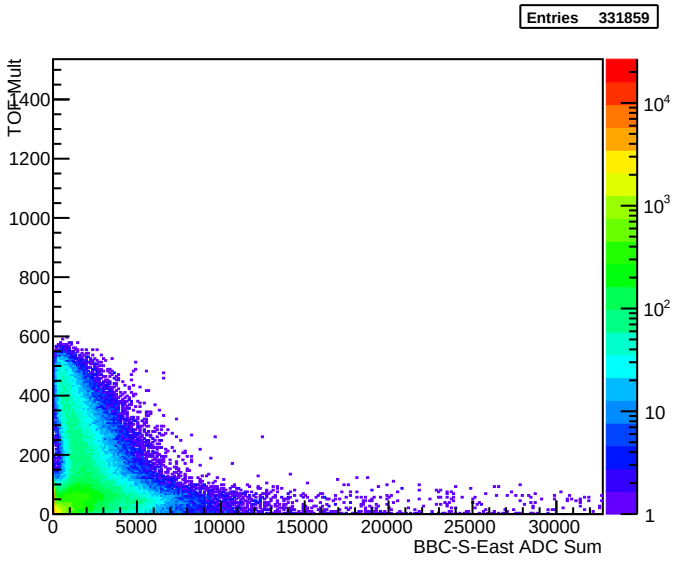

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

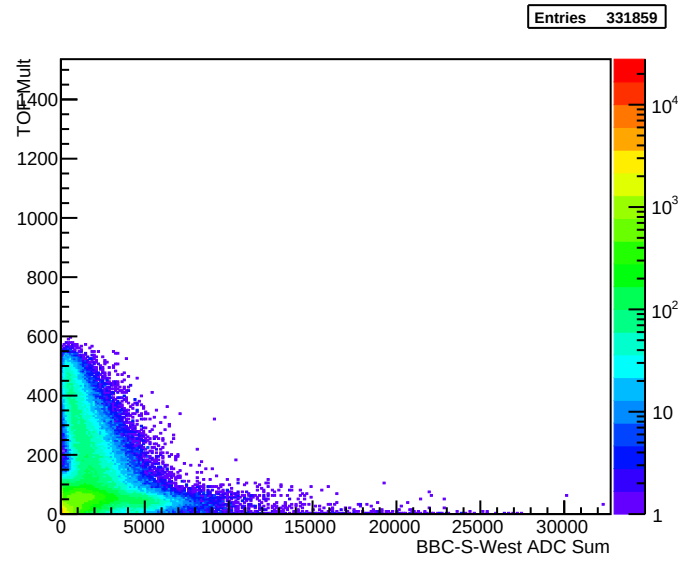

VT201 Input Ch4: VPD Tac Diff
Entries 331859
Tac

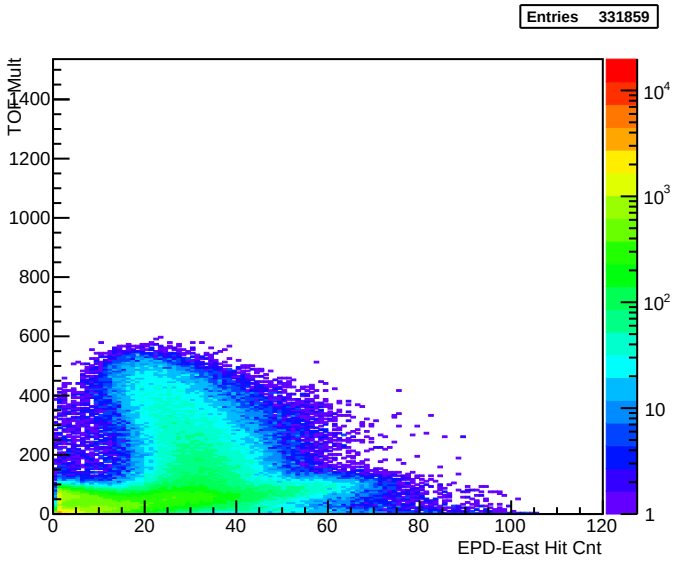

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

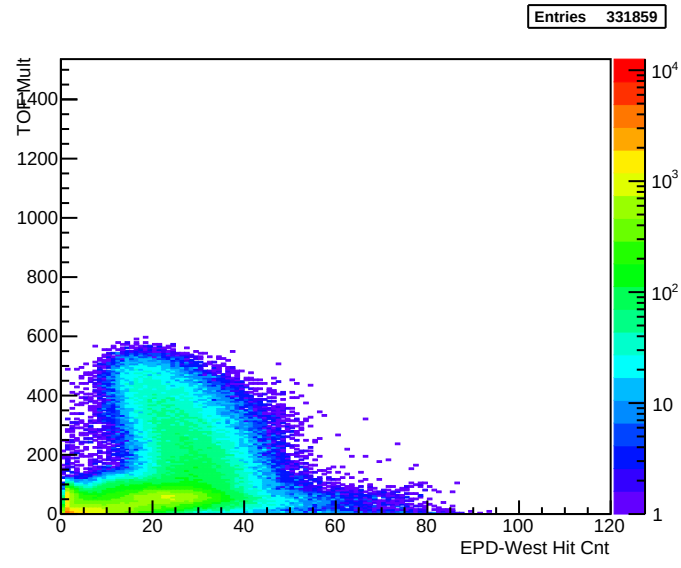

VT201 Input Ch4: VPD Adc Sum Th
Entries 663718
222839
251643
109020
80216
East
West

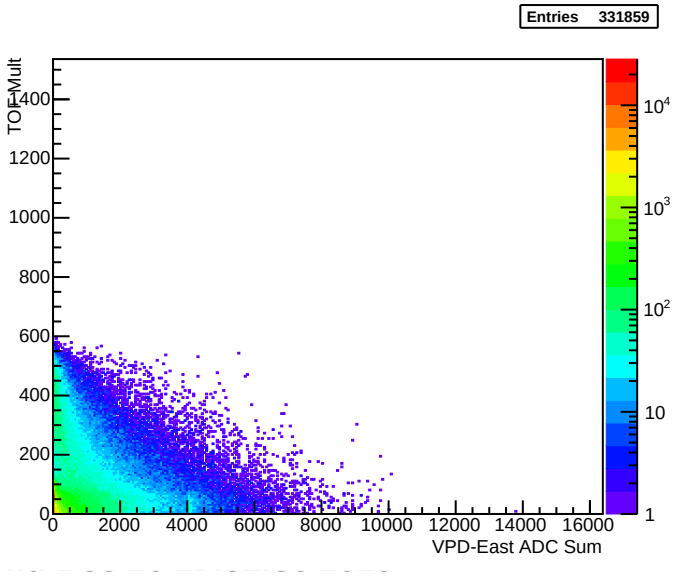

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

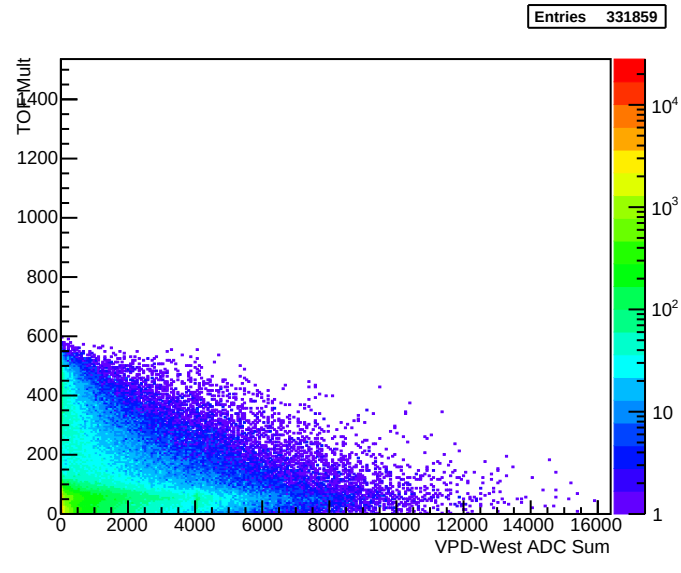

Entries 331859
TOF-Mult
BBC-S-East ADC Sum

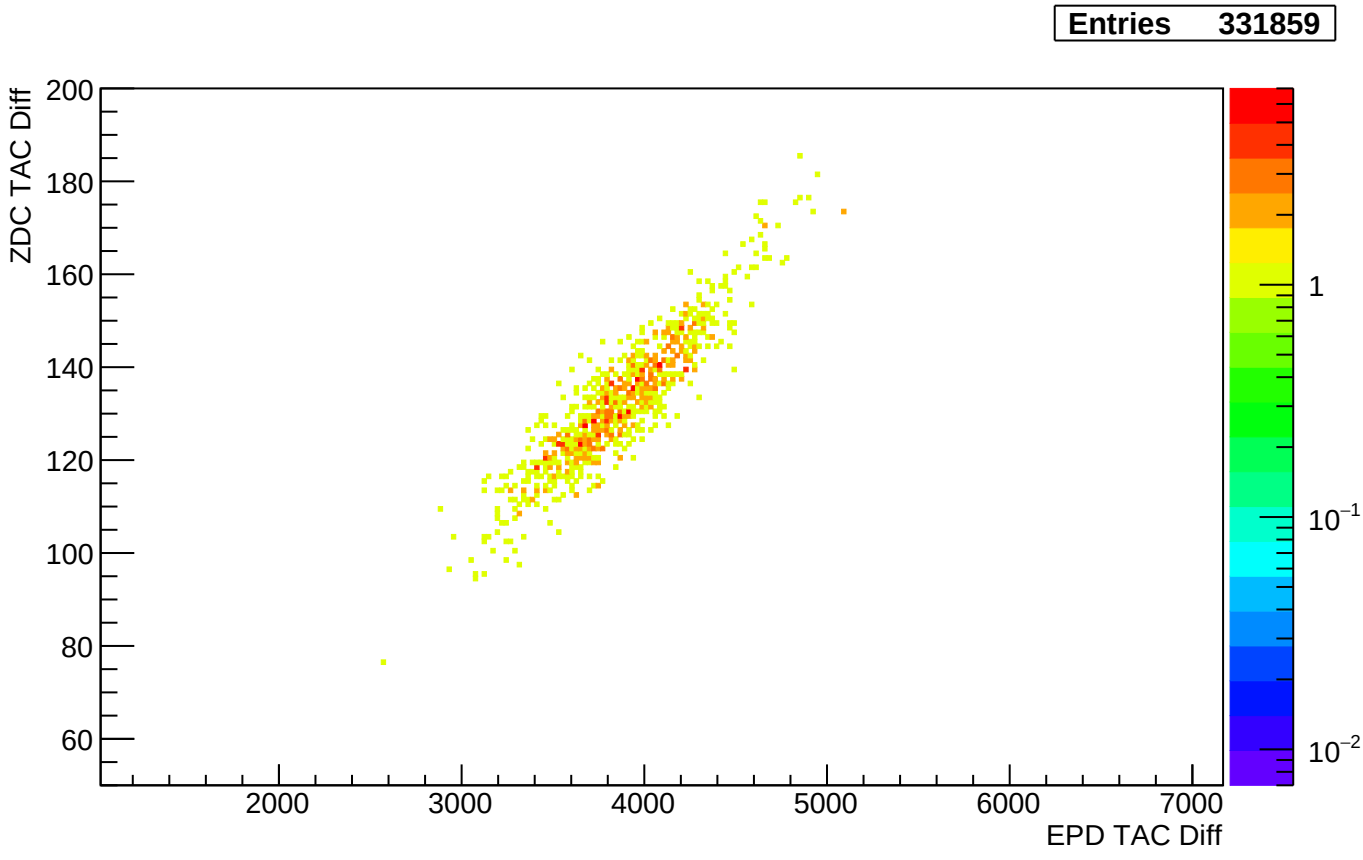

Entries 331859
TOF-Mult
BBC-S-West ADC Sum

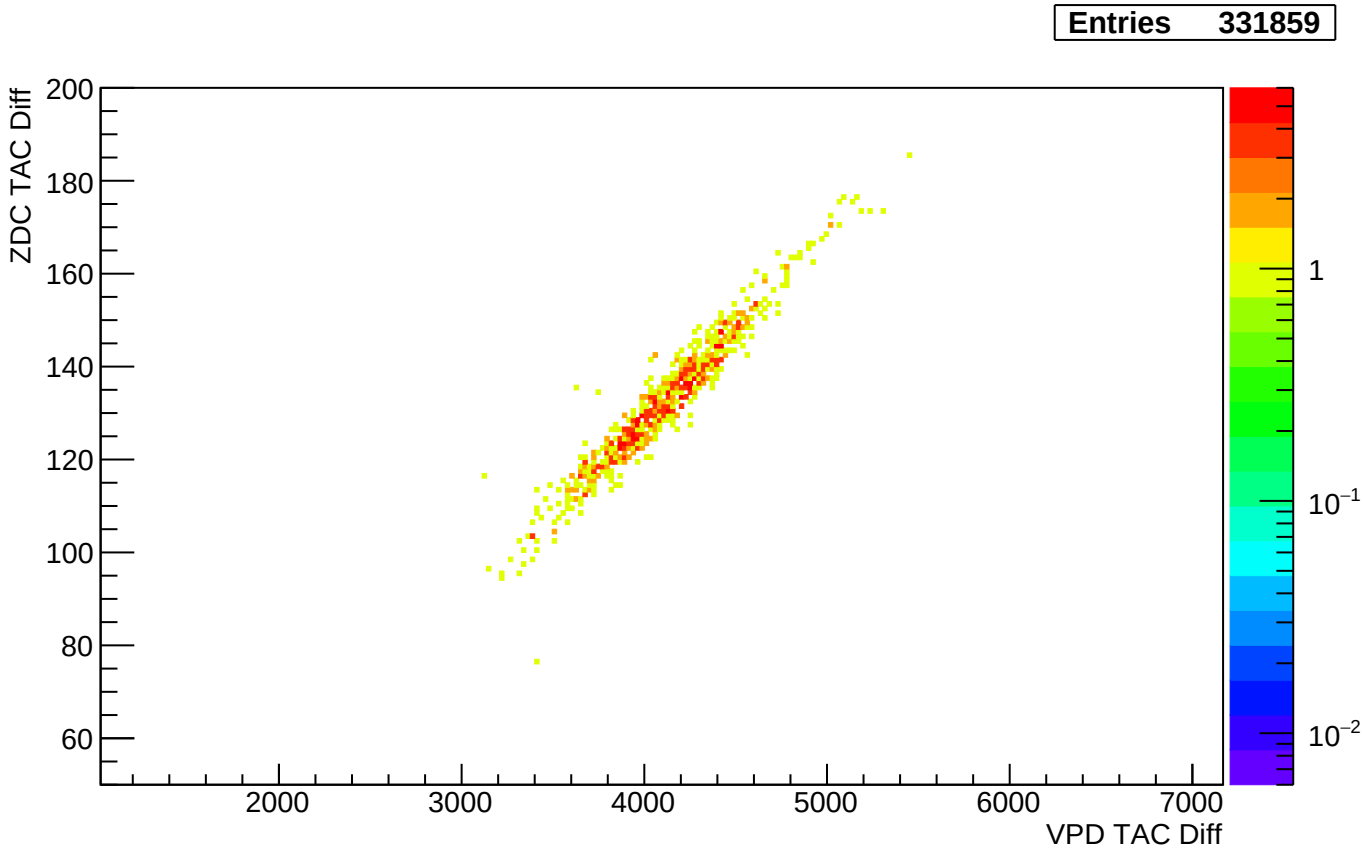

Entries 331859
TOF-Mult
EPD-East Hit Cnt

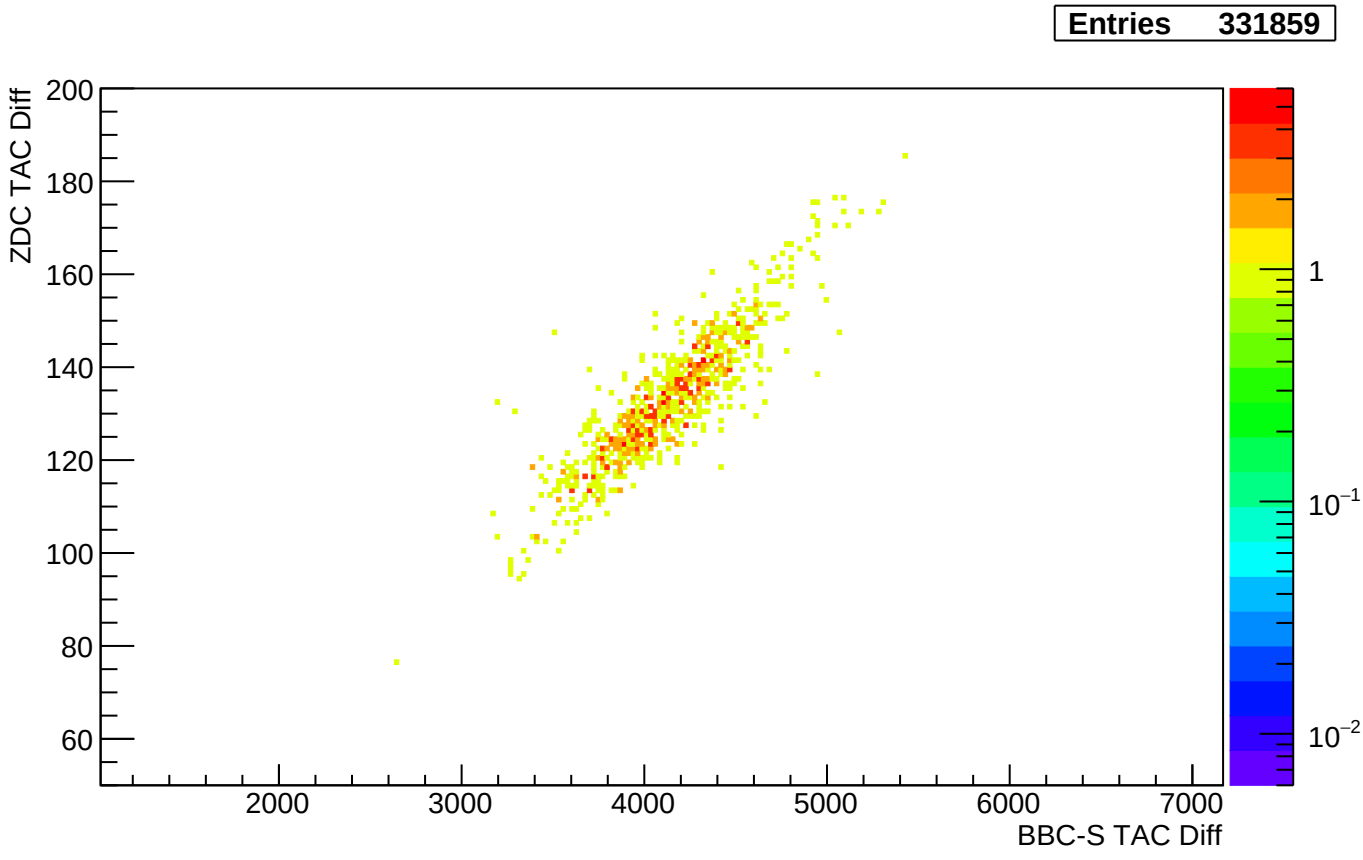

Entries 331859
TOF-Mult
EPD-West Hit Cnt

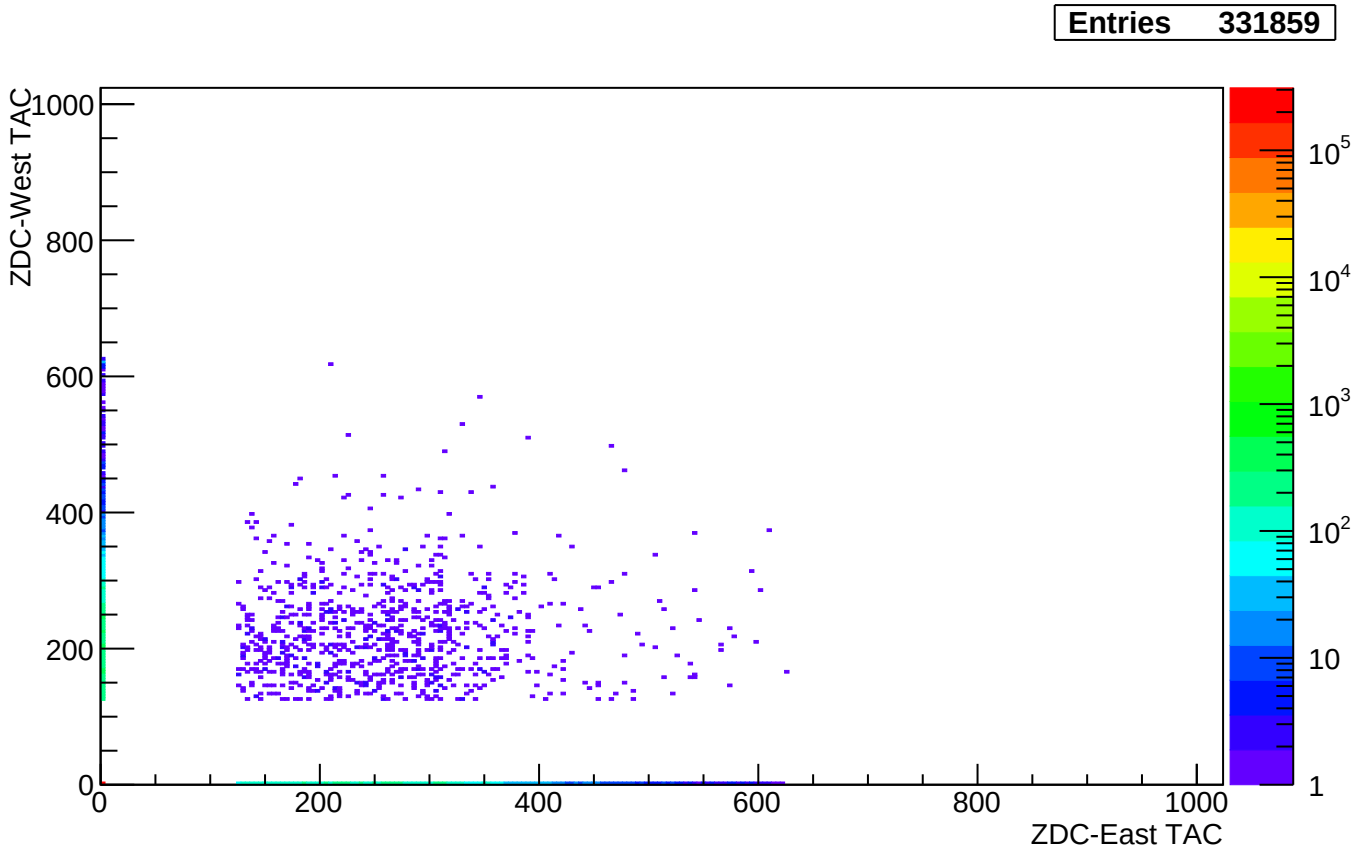

Entries 331859
TOF-Mult
VPD-East ADC Sum

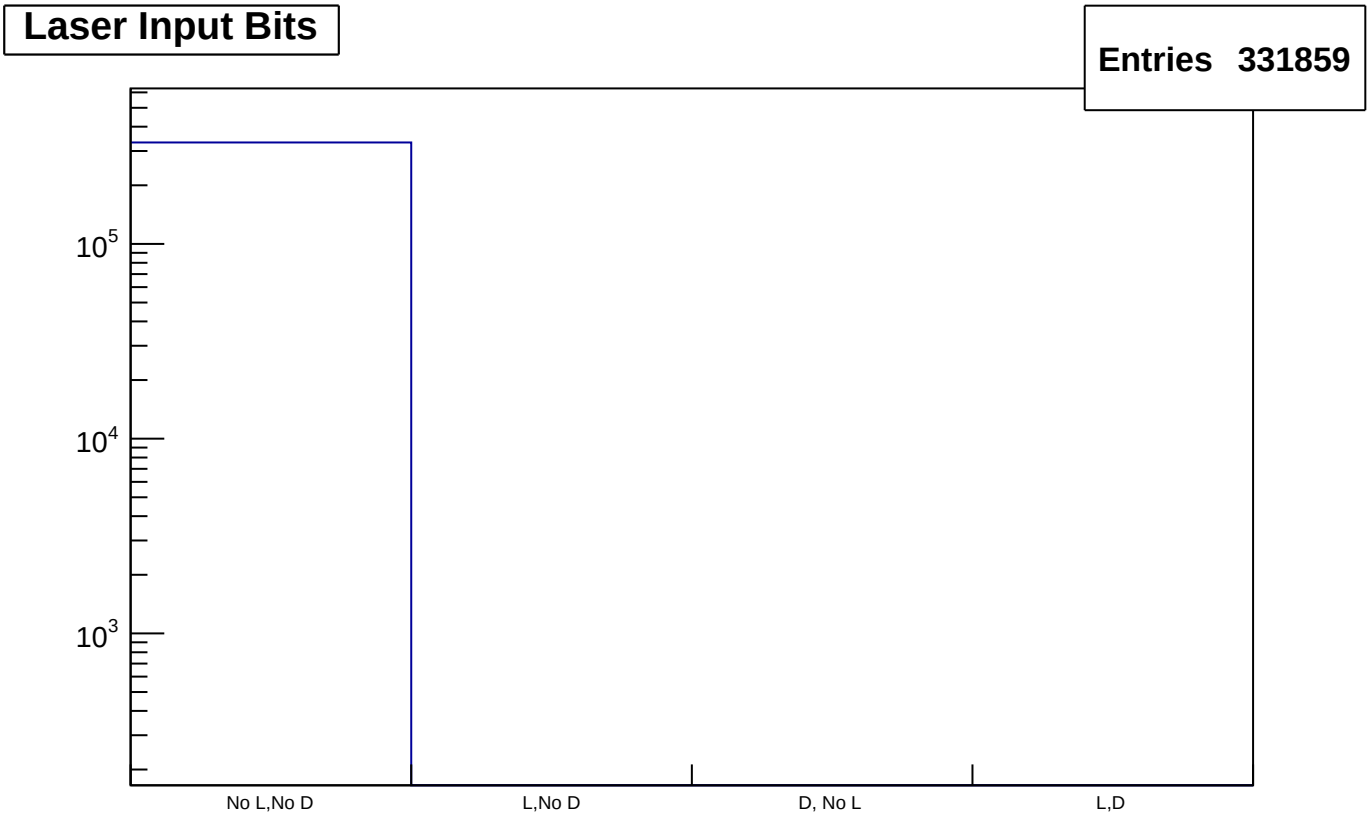

Entries 331859
TOF-Mult
VPD-West ADC Sum

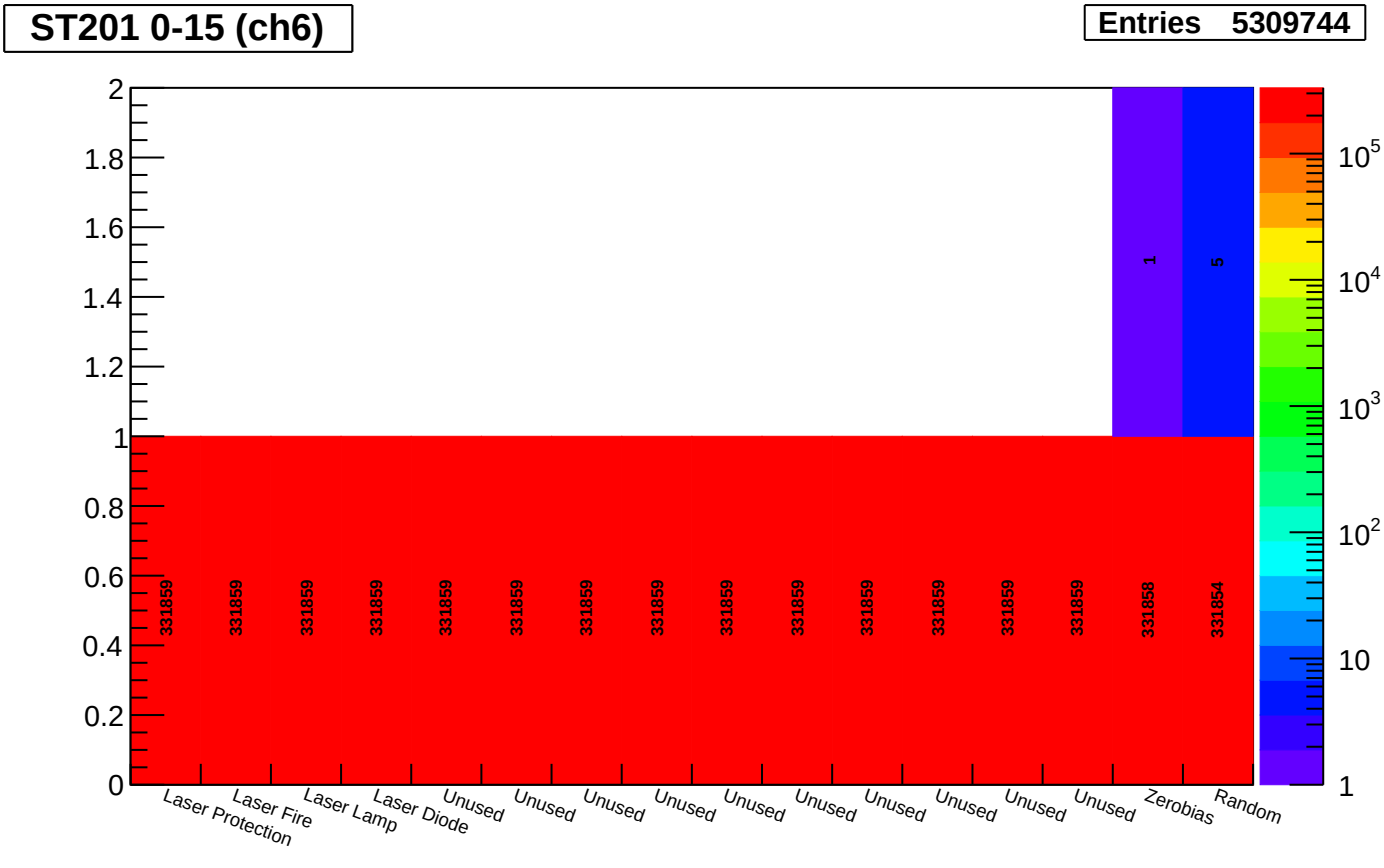

Entries 331859
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

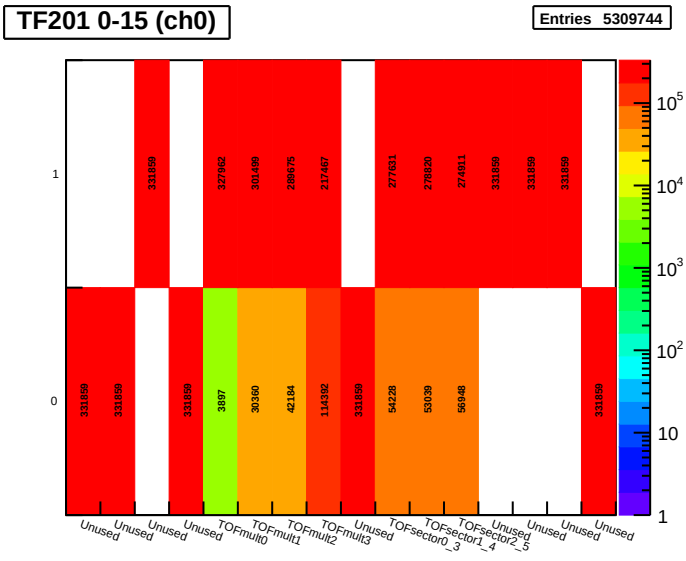

Entries 331859
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

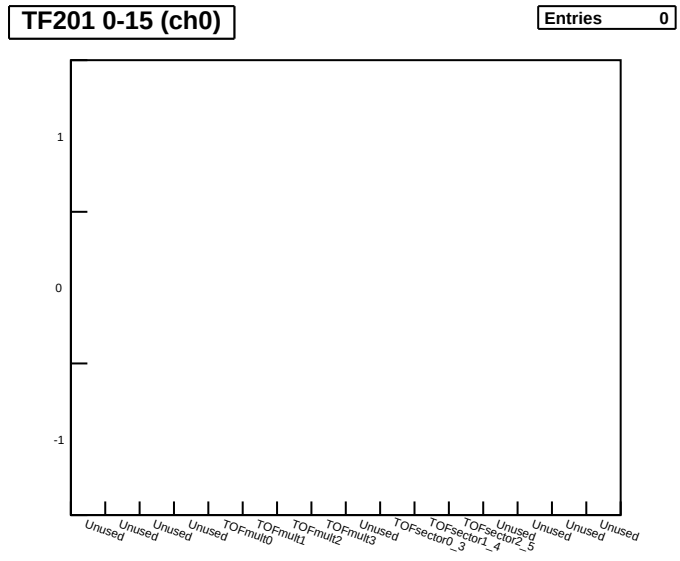

Entries 331859
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

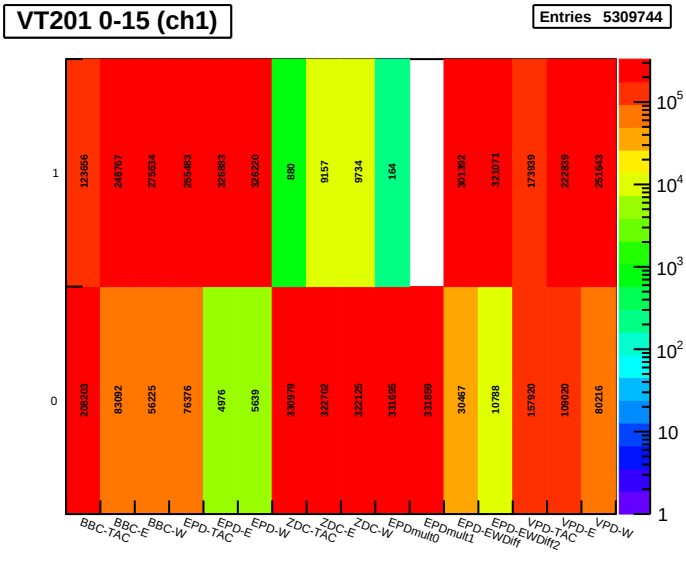

Entries 331859
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

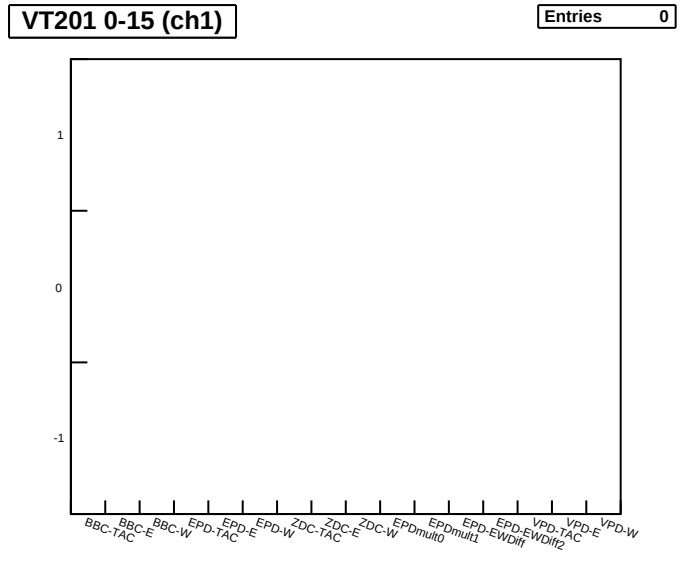

Laser Input Bits
Entries 331859
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

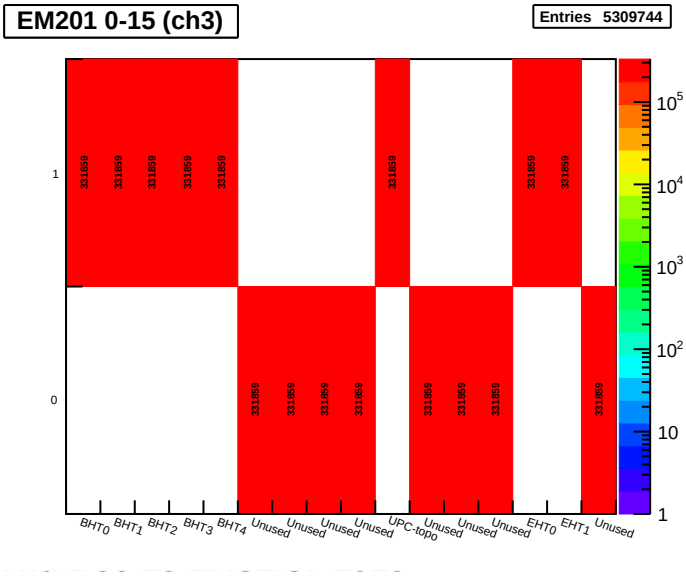

ST201 0-15 (ch6)
Entries 5309744
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
331859
331859
331859
331859
331859
331859
331859
331859
331859
331859
331859
331859
331859
331859
331858
331854
1
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

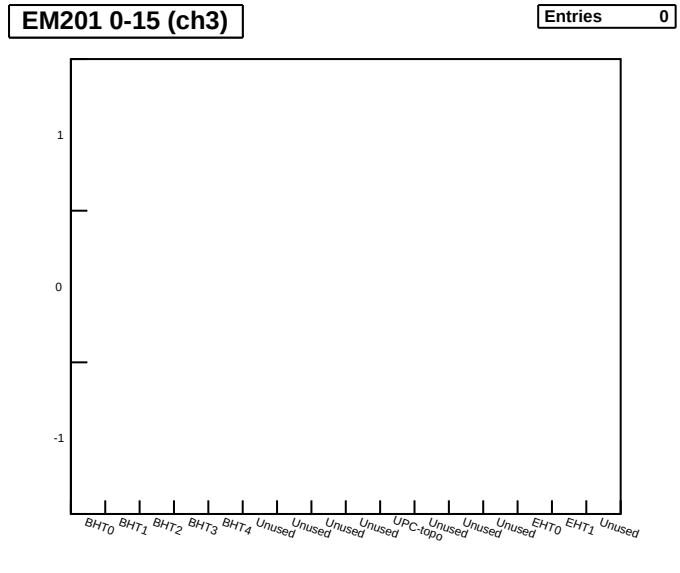

TF201 0-15 (ch0)
Entries 5309744
1
0
331859
327962
301499
289675
217467
277631
278820
274911
331859
331859
331859
331859
331859
331859
3897
30360
42184
114392
54228
53039
56948
331859
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5309744
1
0
123656
248767
275634
255483
326883
326220
880
9157
9734
164
301392
321071
173939
222839
251643
208203
83092
56235
76376
4976
5639
330979
322702
322125
331695
331859
30467
10788
157920
109020
80216
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 5309744
1
0
331859
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