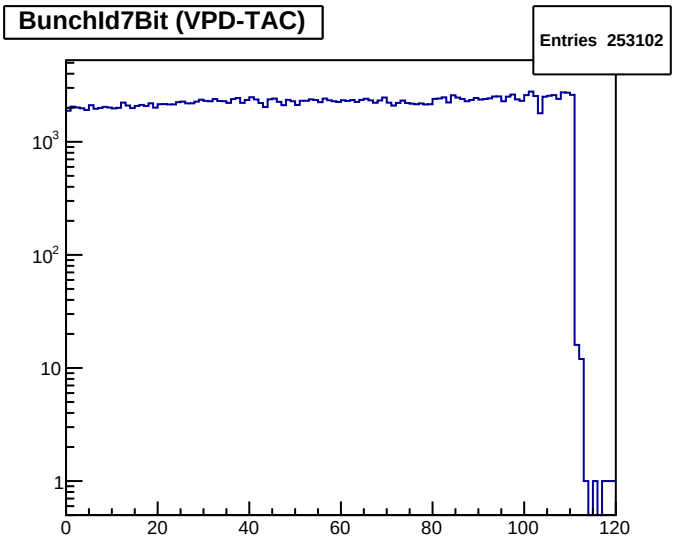
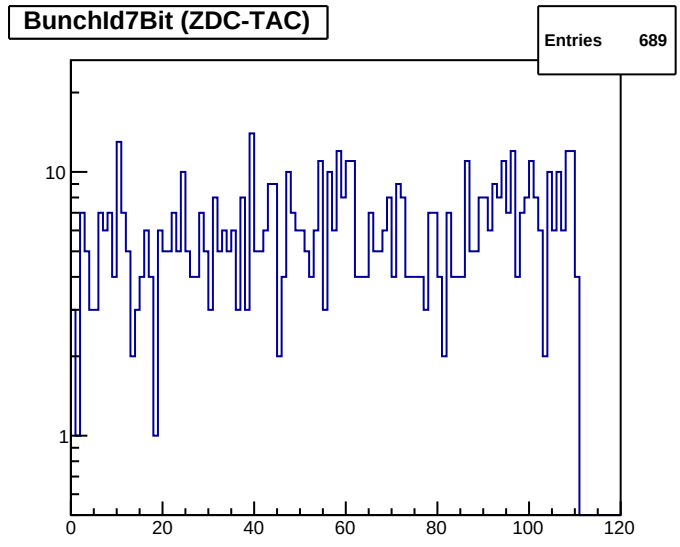
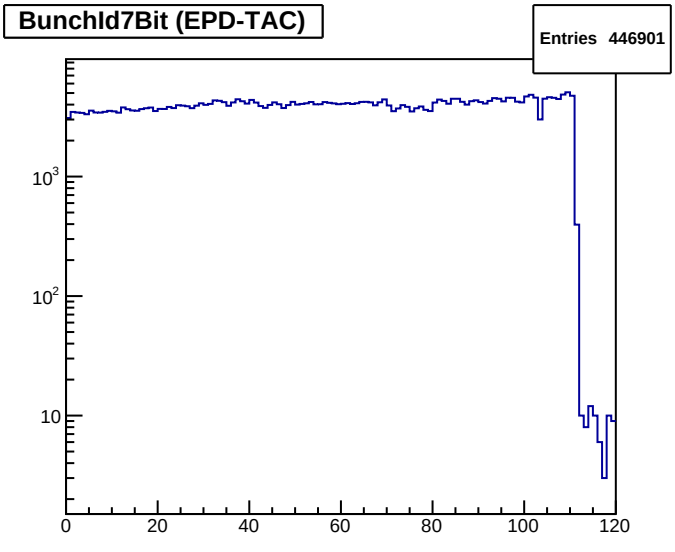
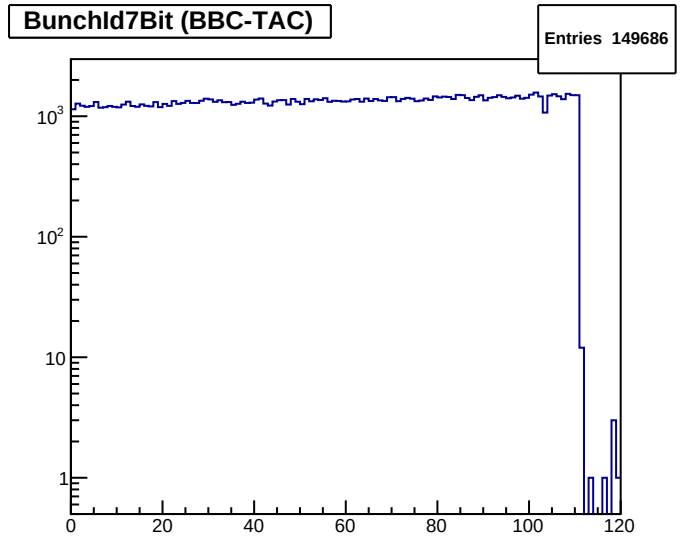
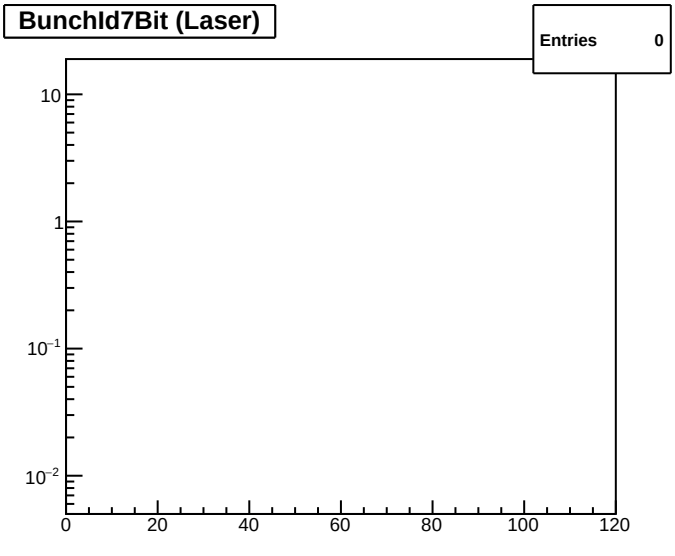
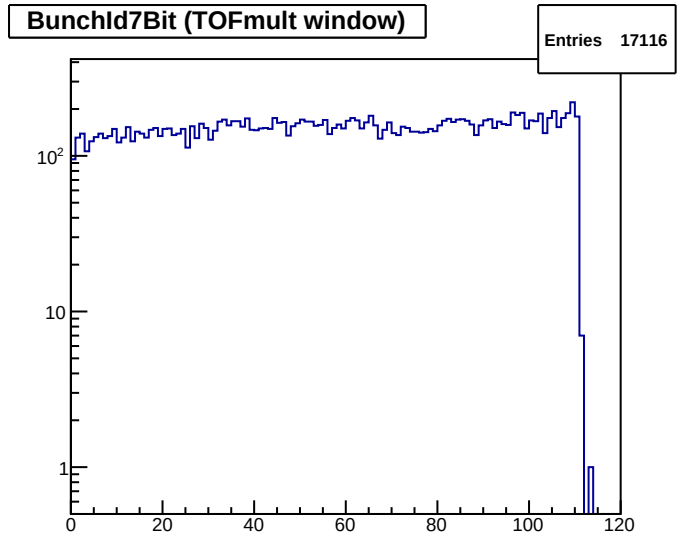

BunchId7Bit (VPD-TAC)
Entries 253102

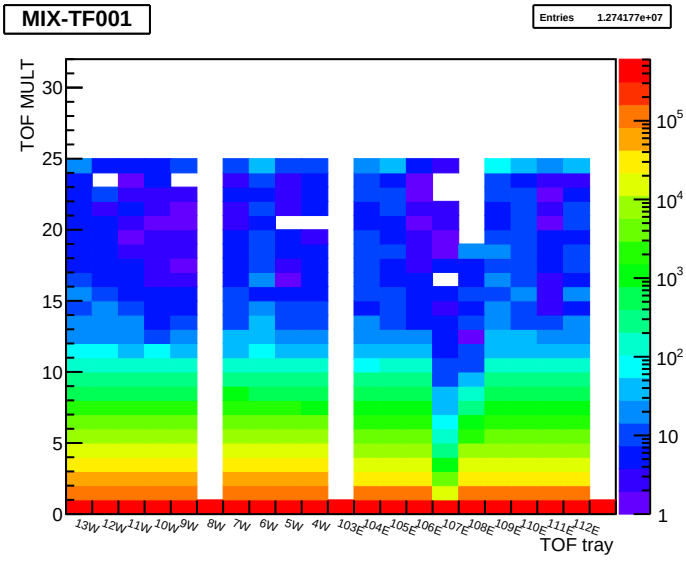

BunchId7Bit (ZDC-TAC)
Entries 689

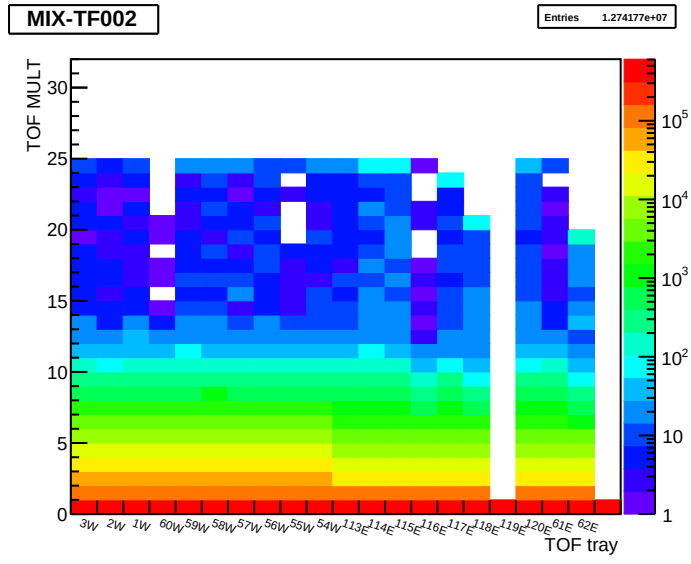

BunchId7Bit (EPD-TAC)
Entries 446901

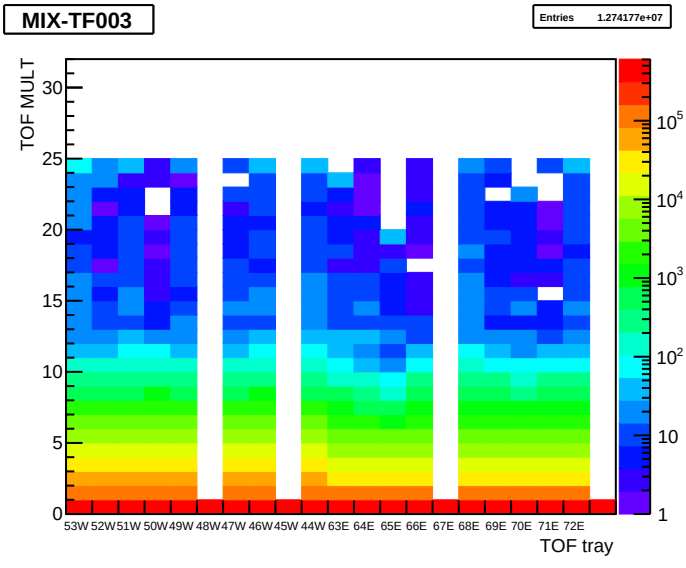

BunchId7Bit (BBC-TAC)
Entries 149686

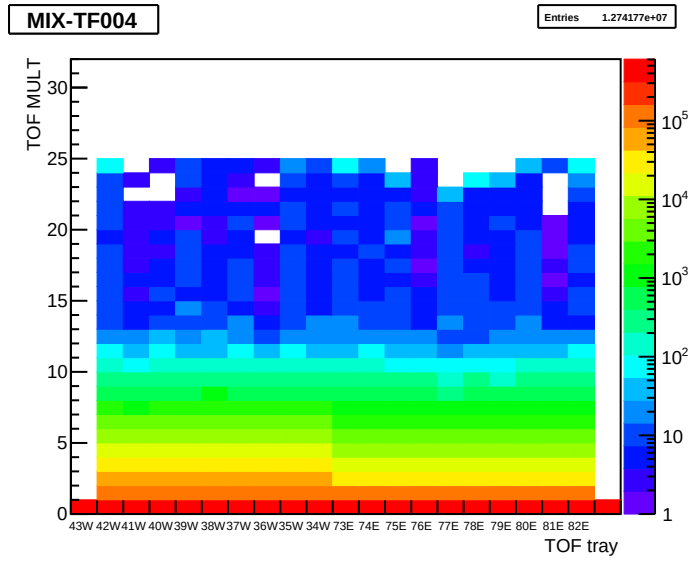

BunchId7Bit (Laser)
Entries 0

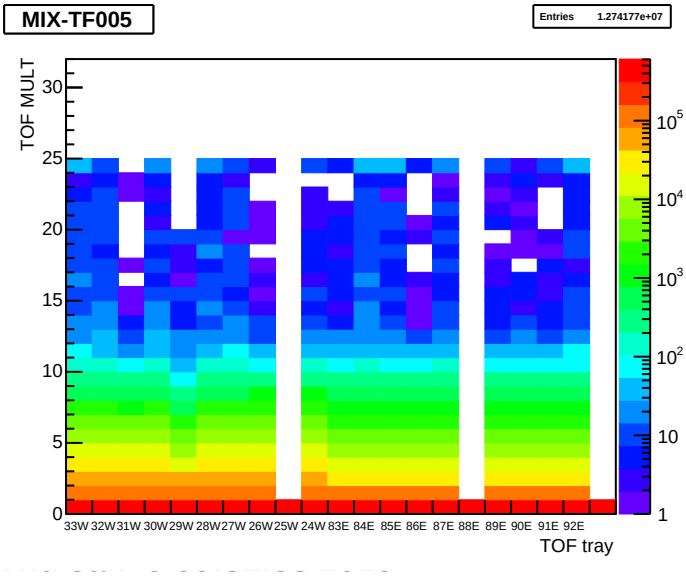

BunchId7Bit (TOFmult window)
Entries 17116

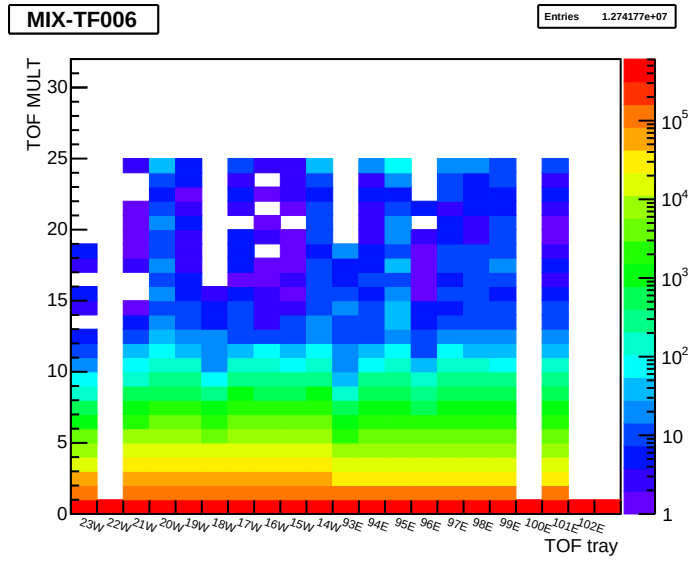

MIX-TF001
Entries 1.274177e+07
TOF MULT
TOF tray

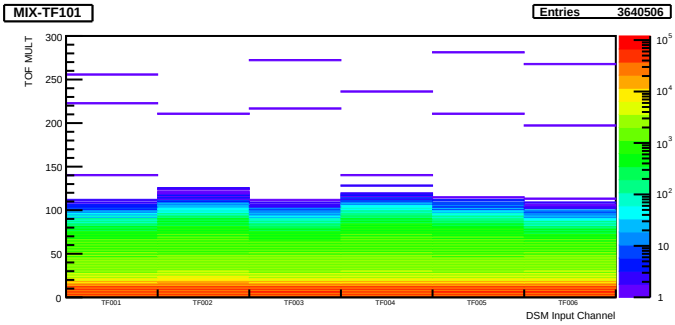

MIX-TF002
Entries 1.274177e+07
TOF MULT
TOF tray

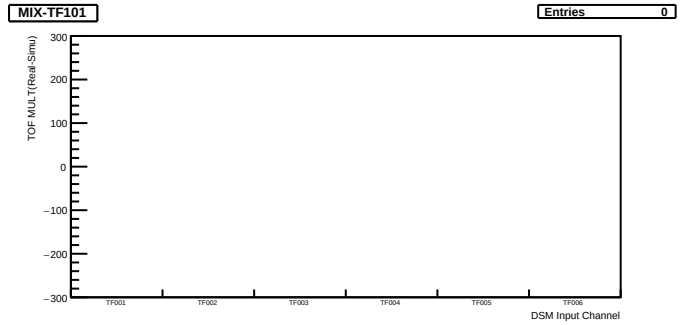

MIX-TF003
Entries 1.274177e+07
TOF MULT
TOF tray

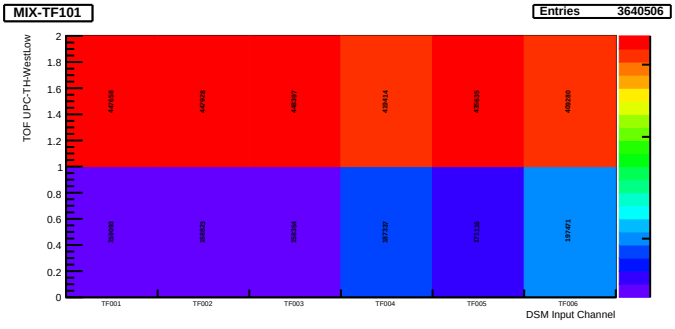

MIX-TF004
Entries 1.274177e+07
TOF MULT
TOF tray

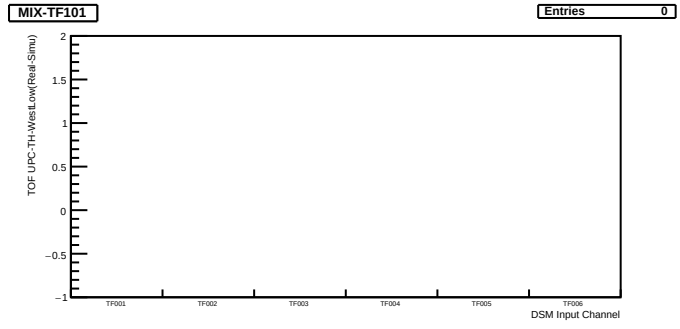

MIX-TF005
Entries 1.274177e+07
TOF MULT
TOF tray

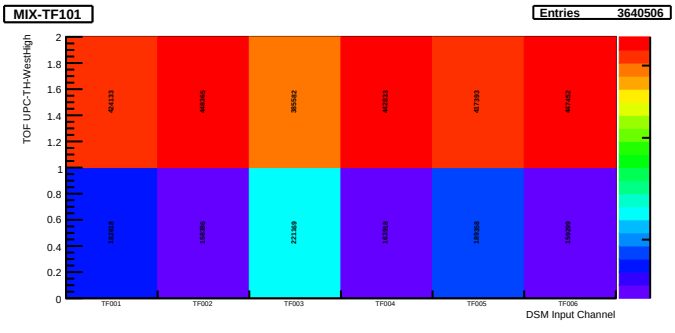

MIX-TF006
Entries 1.274177e+07
TOF MULT
TOF tray

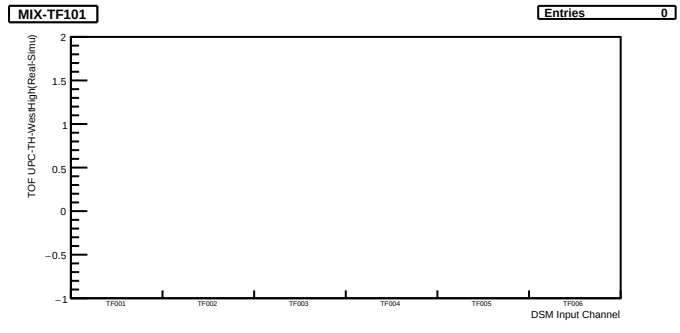

MIX-TF101
Entries 3640506
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

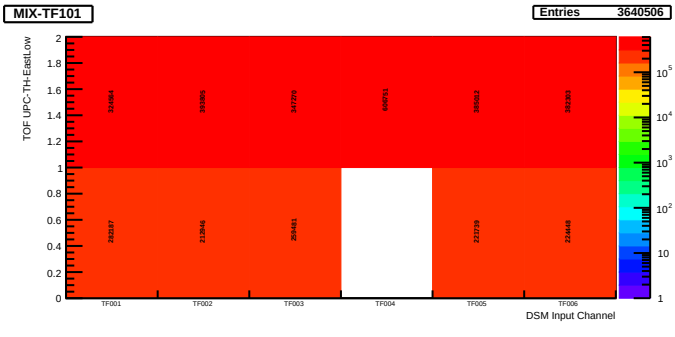

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

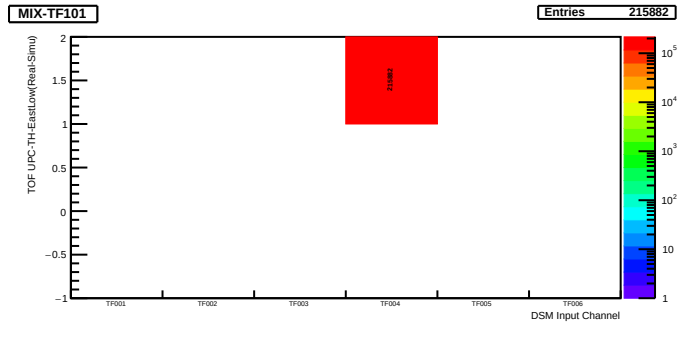

MIX-TF101
Entries 3640506
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

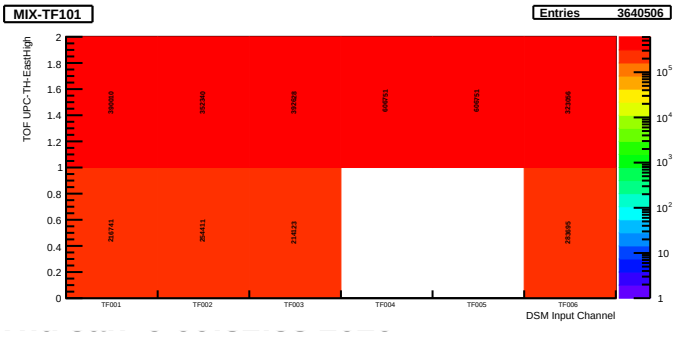

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

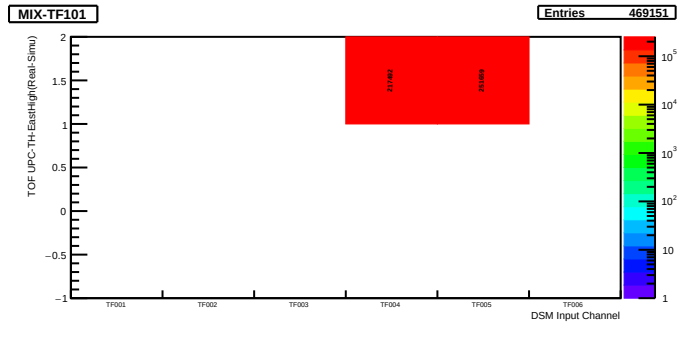

MIX-TF101
Entries 3640506
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

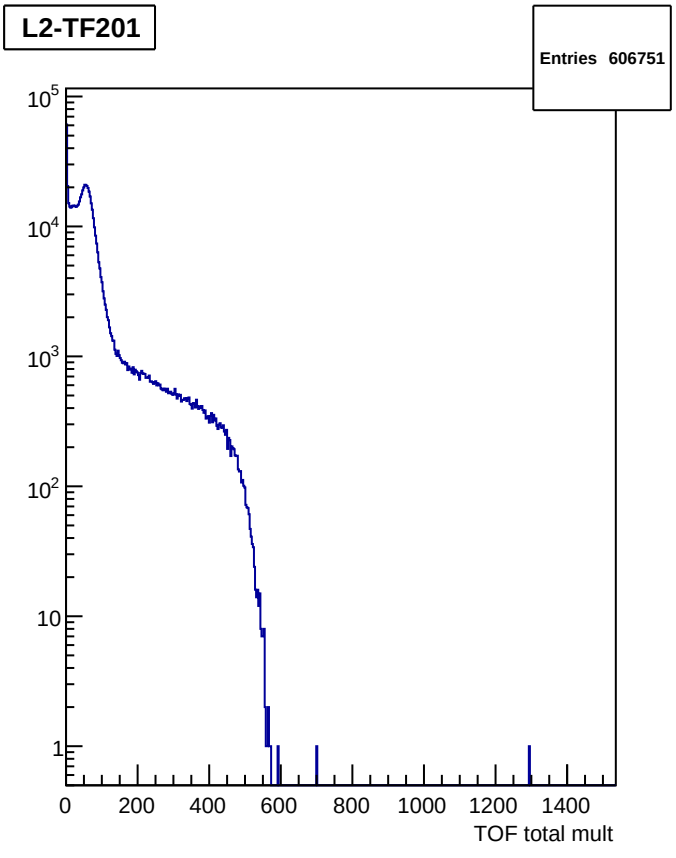

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

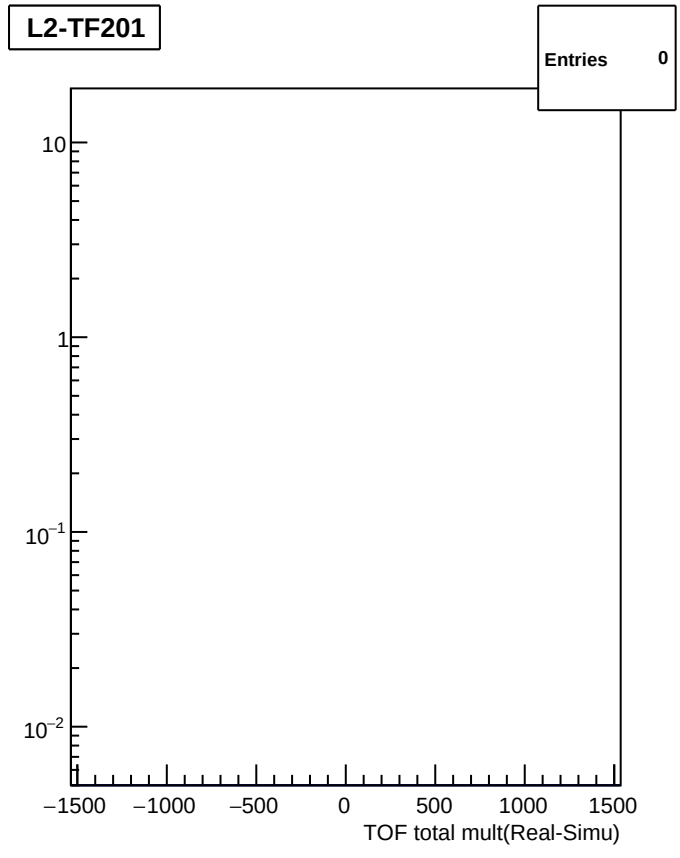

MIX-TF101
Entries 3640506
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

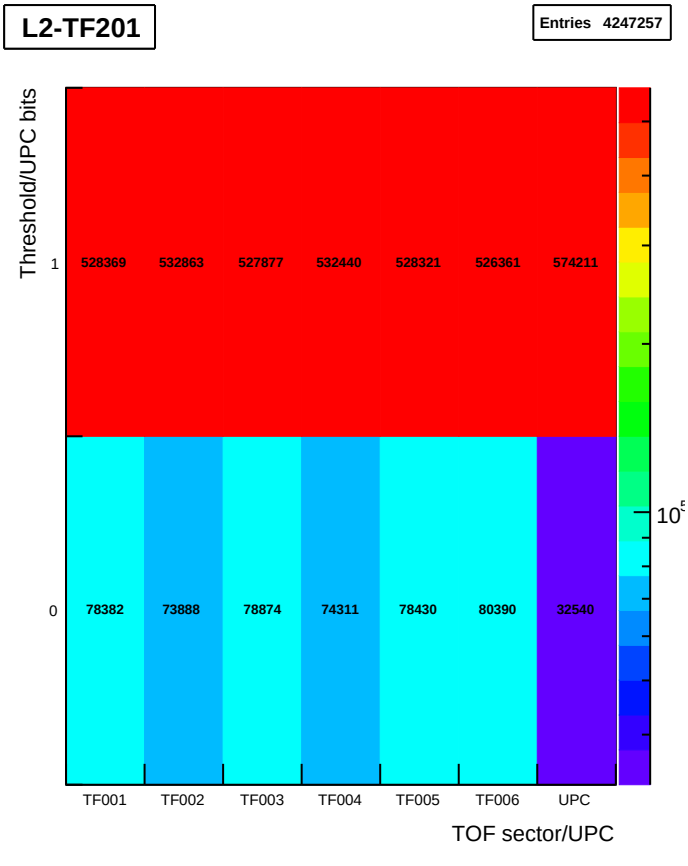

MIX-TF101
Entries 215882
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

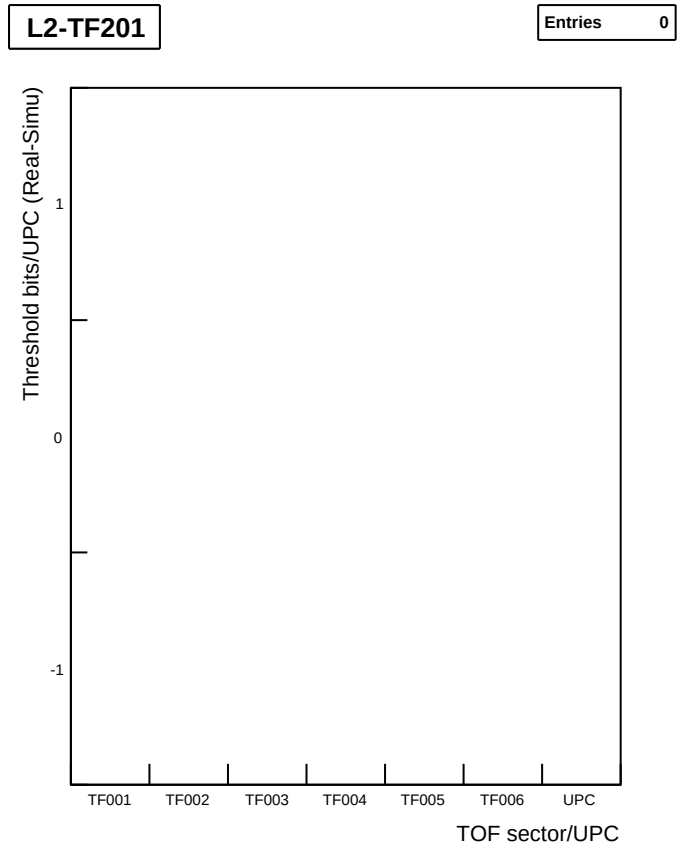

MIX-TF101
Entries 3640506
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

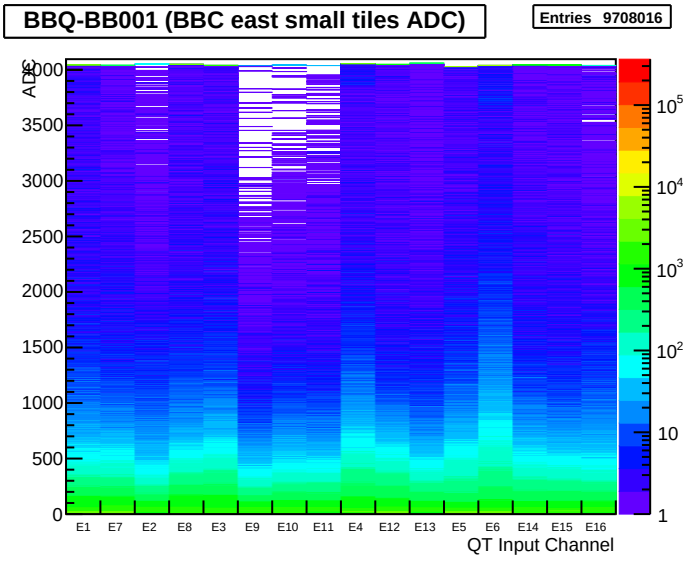

MIX-TF101
Entries 469151
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

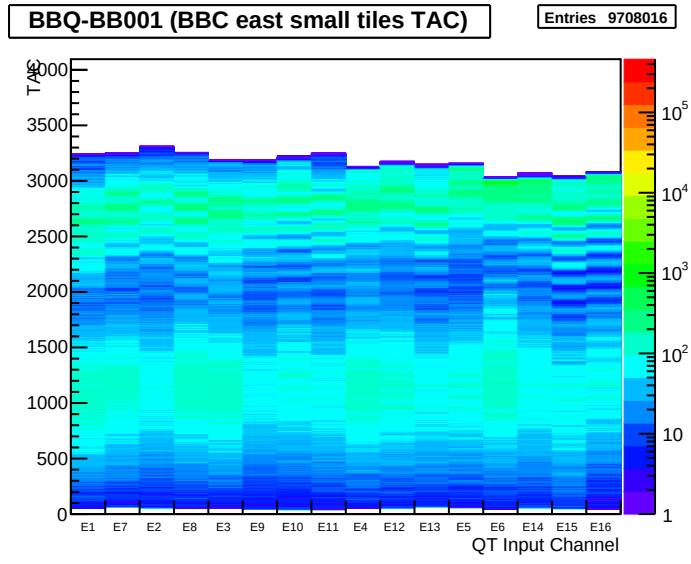

L2-TF201
Entries 606751
TOF total mult

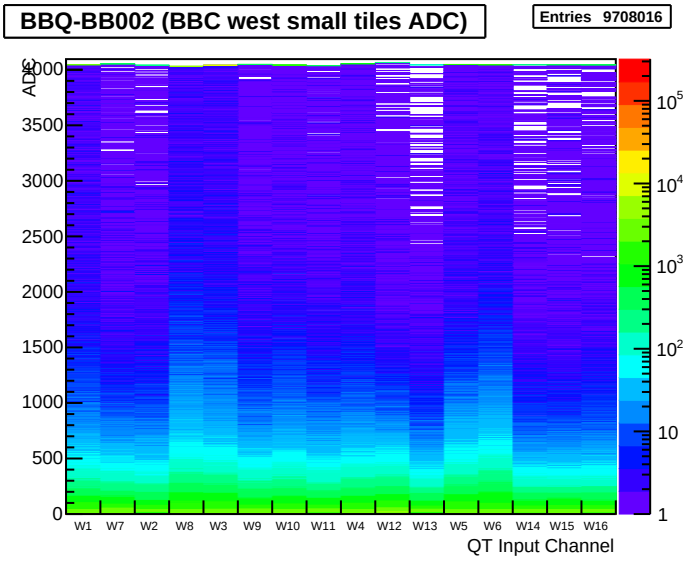

L2-TF201
Entries 0
TOF total mult(Real-Simu)

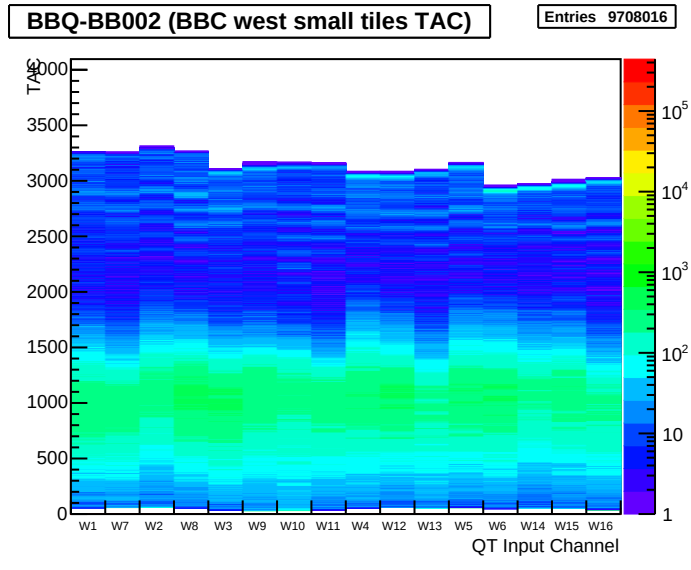

L2-TF201
Entries 4247257
Threshold/UPC bits
528369
532863
527877
532440
528321
526361
574211
78382
73888
78874
74311
78430
80390
32540
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

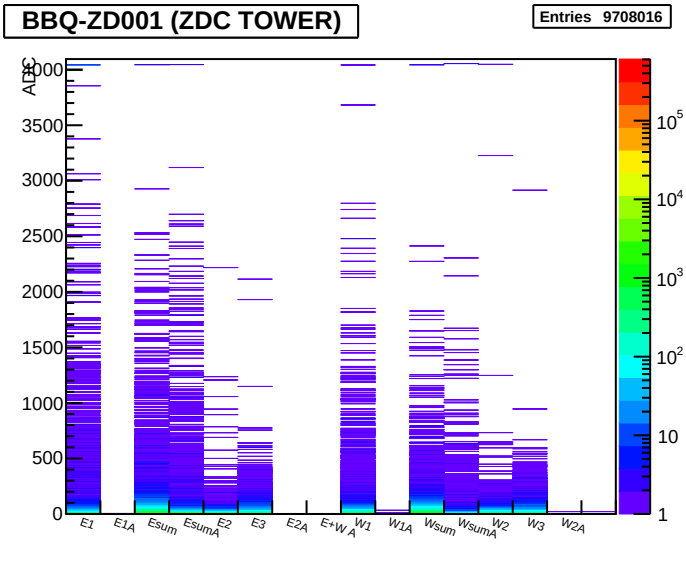

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

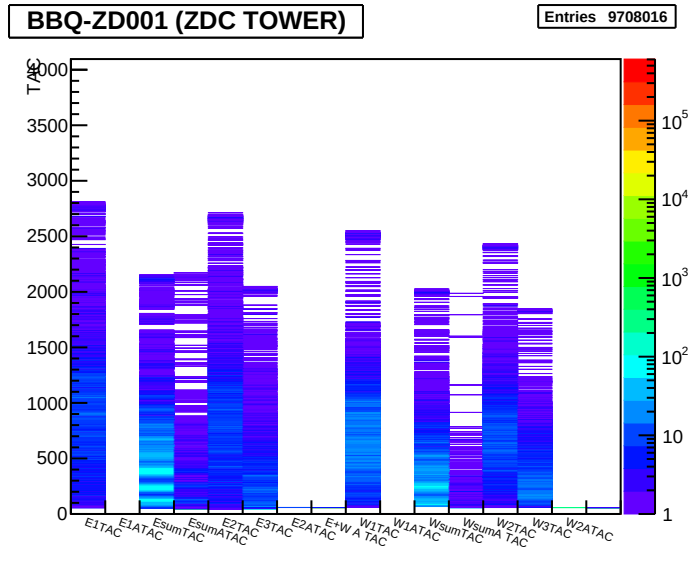

BBQ-BB001 (BBC east small tiles ADC)
Entries 9708016
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

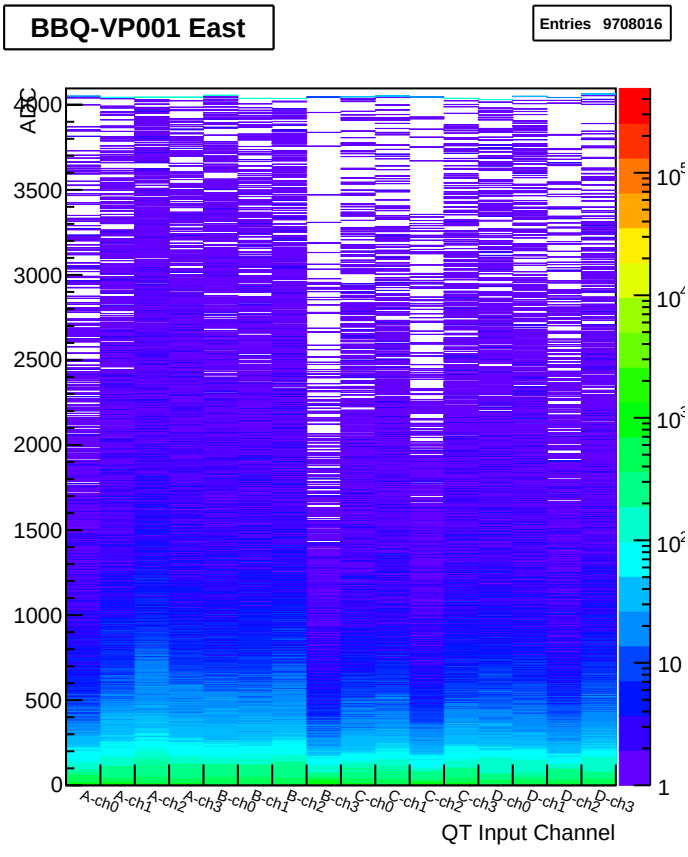

BBQ-BB001 (BBC east small tiles TAC)
Entries 9708016
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

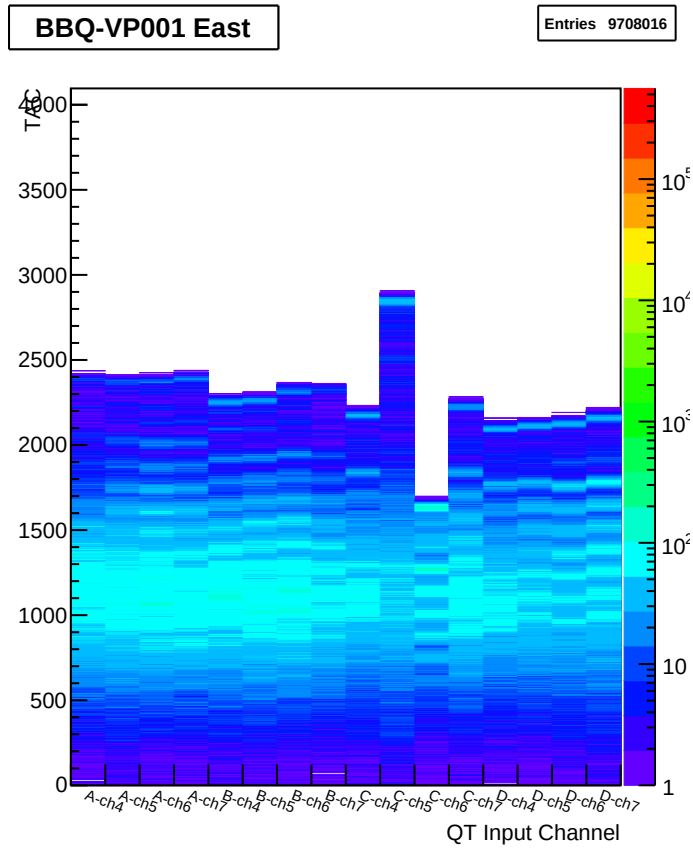

BBQ-BB002 (BBC west small tiles ADC)
Entries 9708016
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

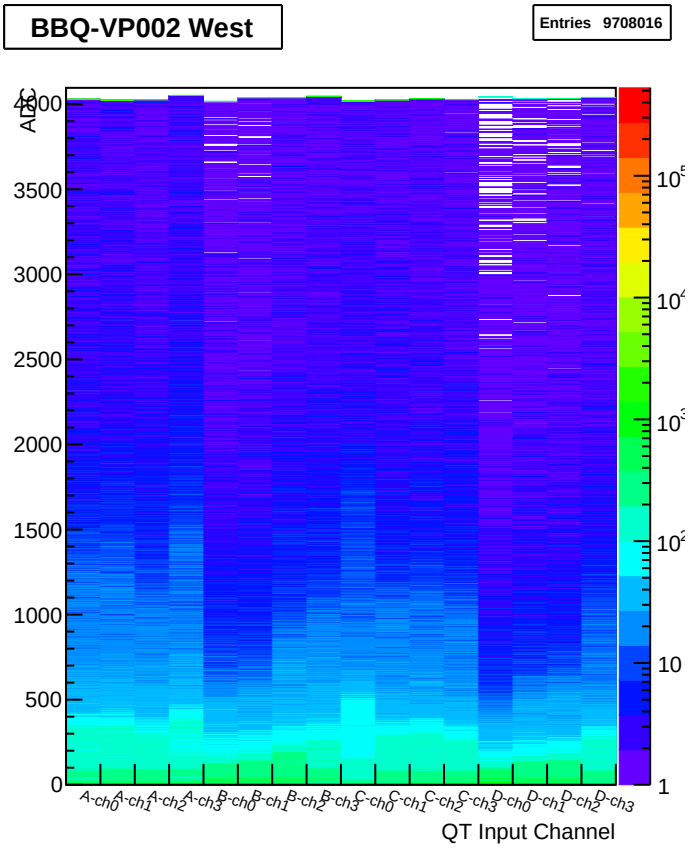

BBQ-BB002 (BBC west small tiles TAC)
Entries 9708016
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

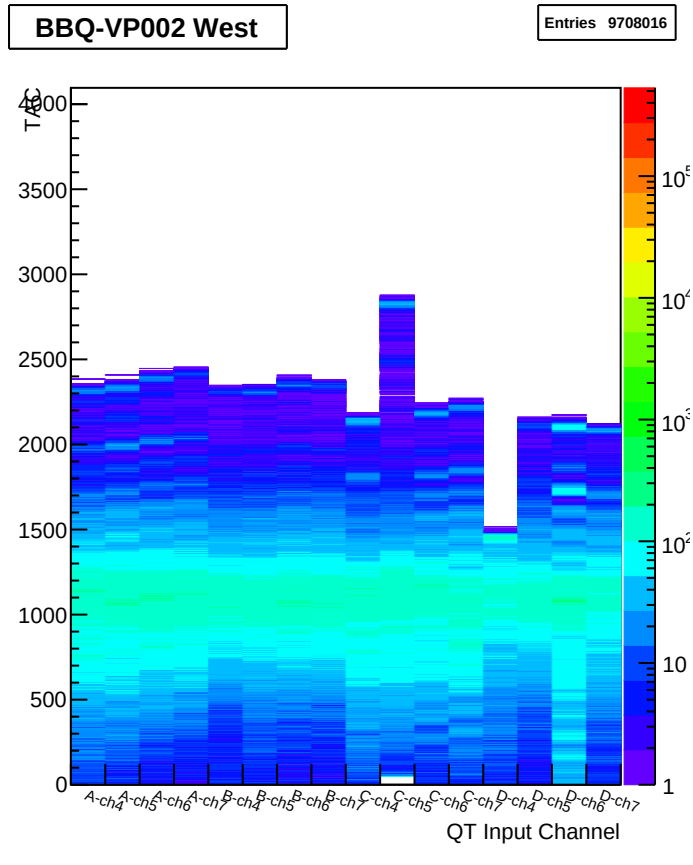

BBQ-ZD001 (ZDC TOWER)
Entries 9708016
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

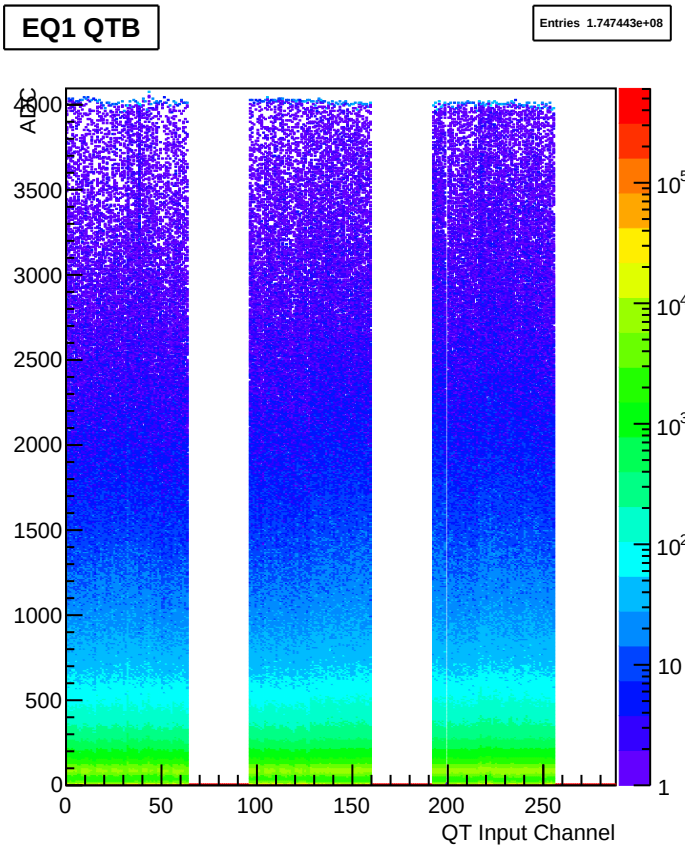

BBQ-ZD001 (ZDC TOWER)
Entries 9708016
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

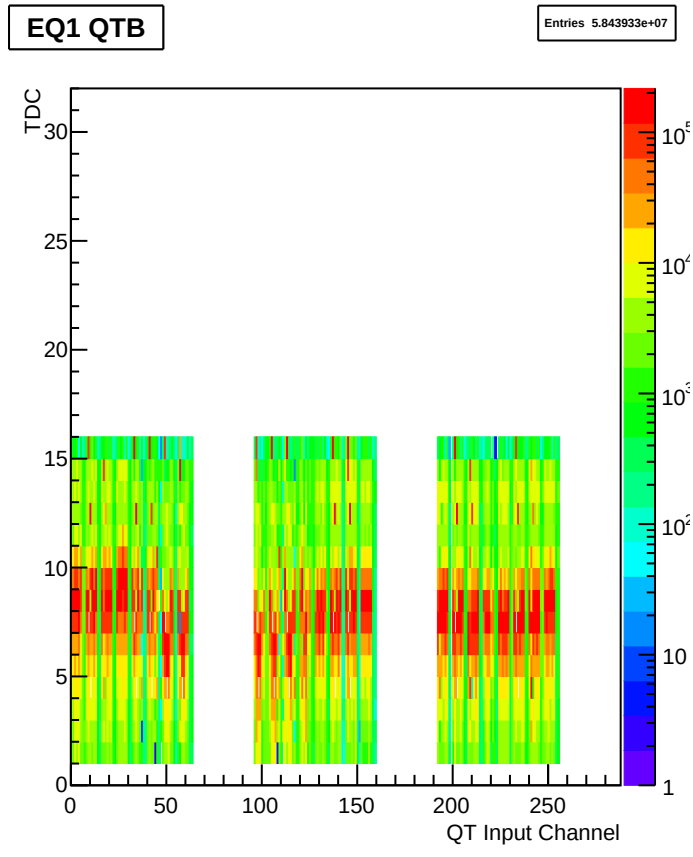

BBQ-VP001 East
Entries 9708016
ADC
QT Input Channel

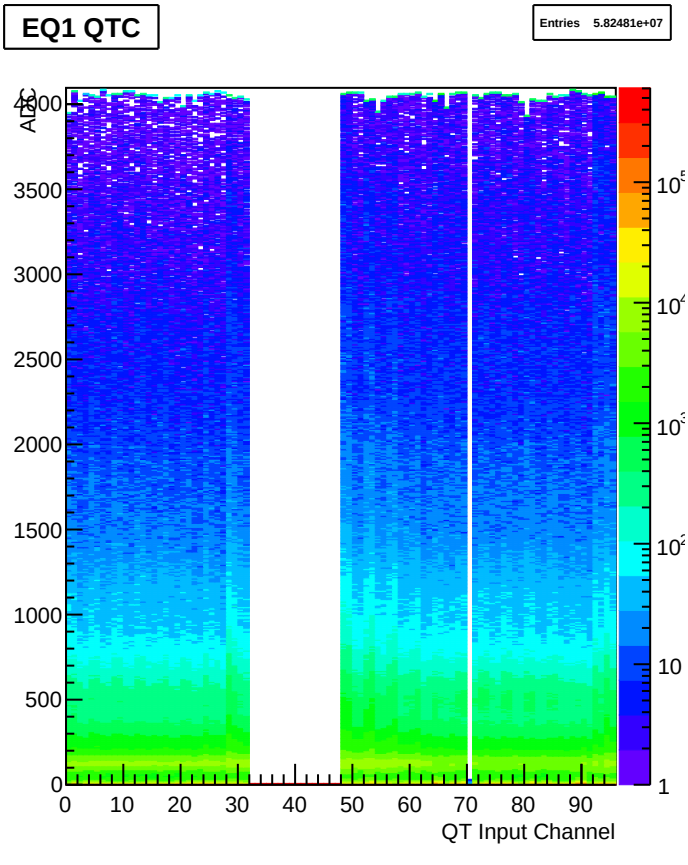

BBQ-VP001 East
Entries 9708016
ADC
QT Input Channel

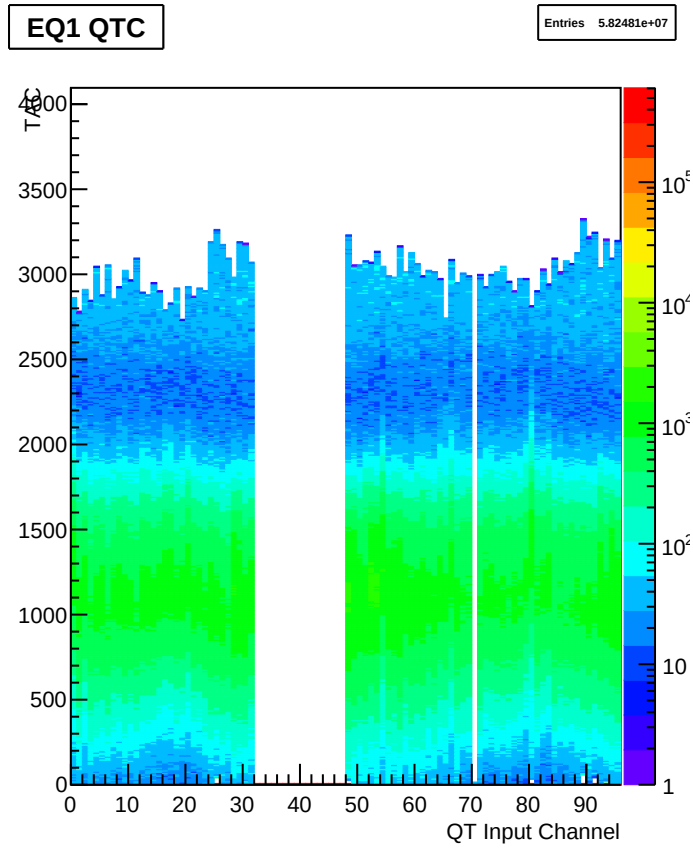

BBQ-VP002 West
Entries 9708016
ADC
QT Input Channel

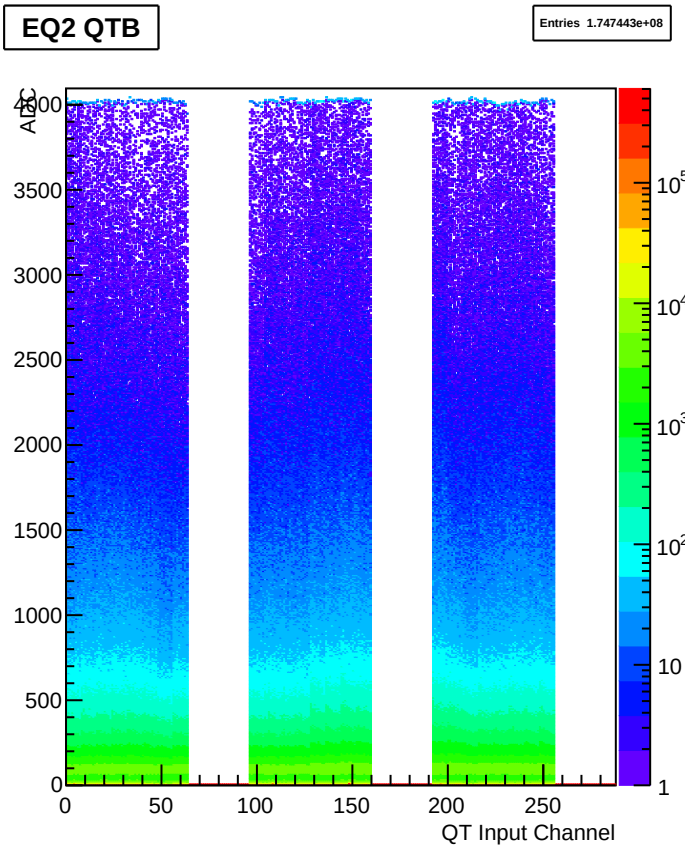

BBQ-VP002 West
Entries 9708016
ADC
QT Input Channel

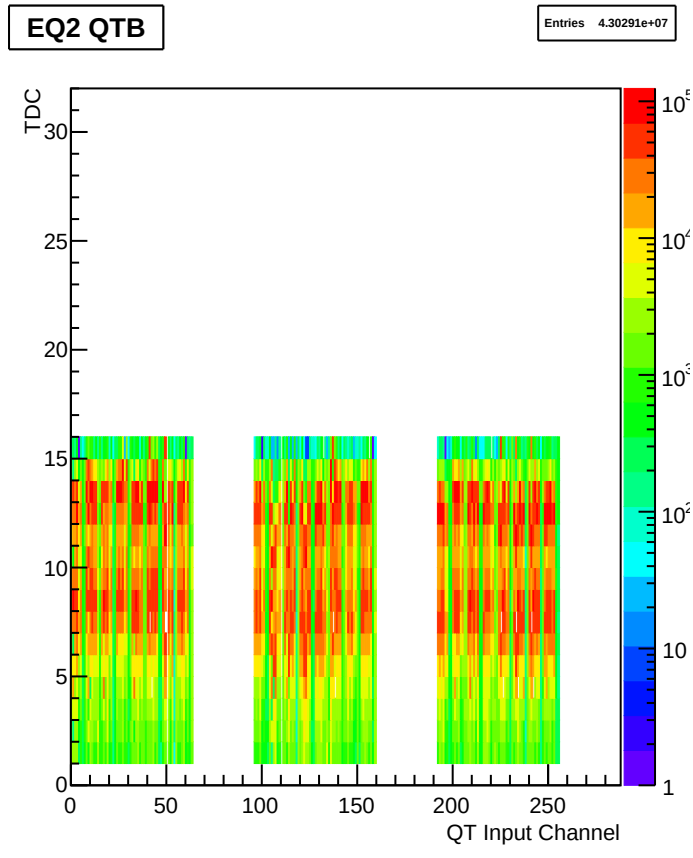

EQ1 QTB
Entries 1.747443e+08
ADC
QT Input Channel

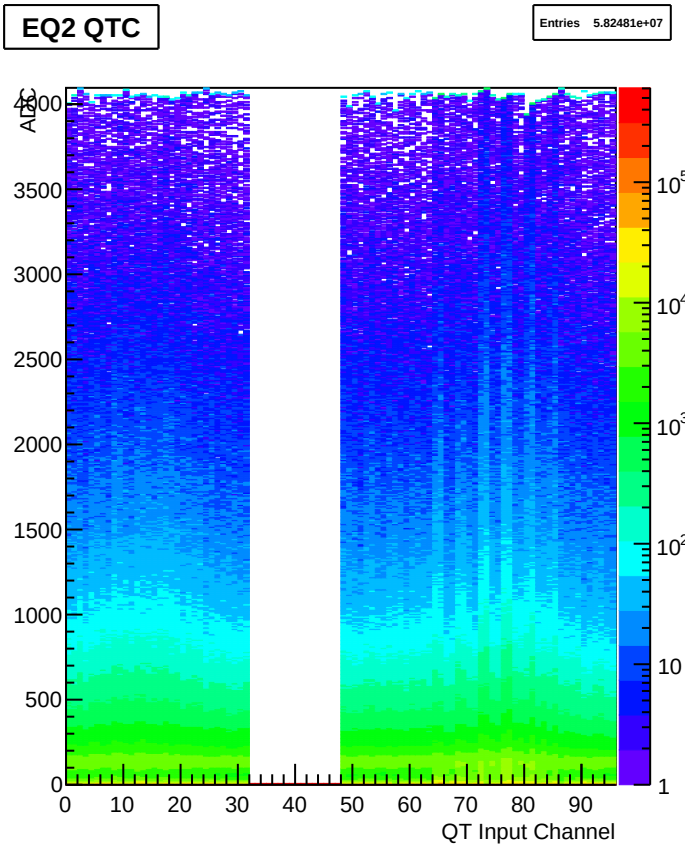

EQ1 QTB
Entries 5.843933e+07
TDC
QT Input Channel

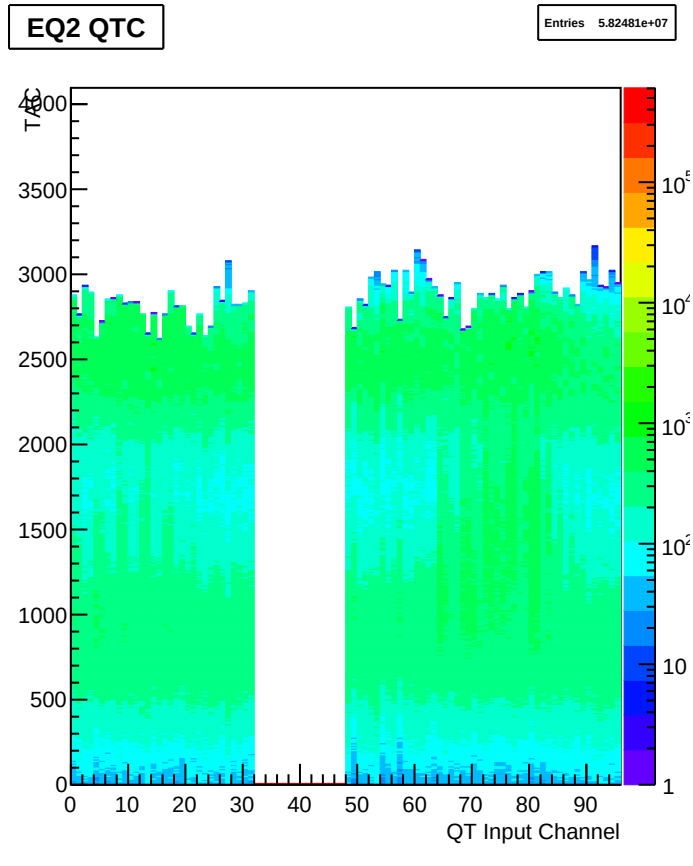

EQ1 QTC
Entries 5.82481e+07
ADC
QT Input Channel

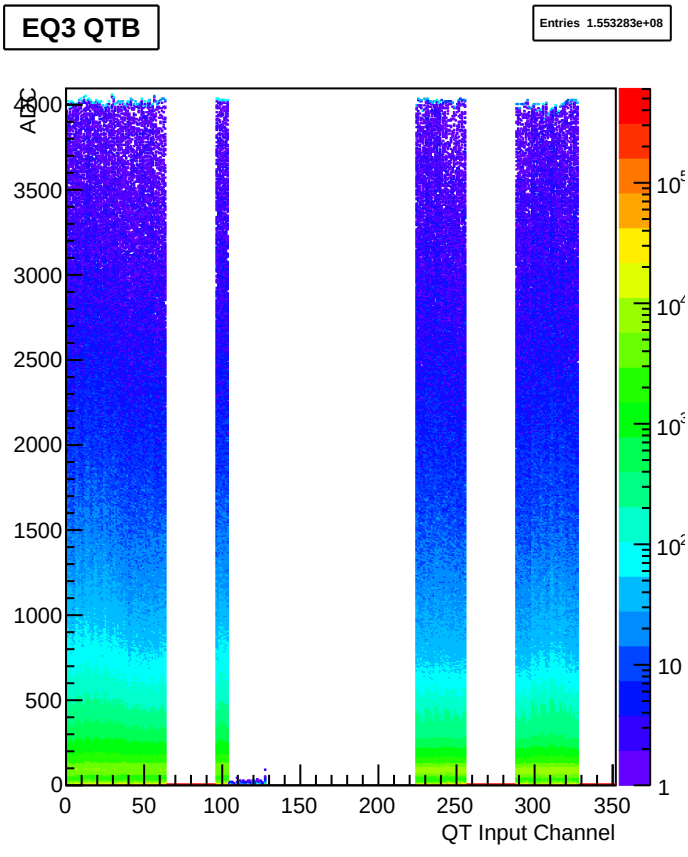

EQ1 QTC
Entries 5.82481e+07
TADC
QT Input Channel

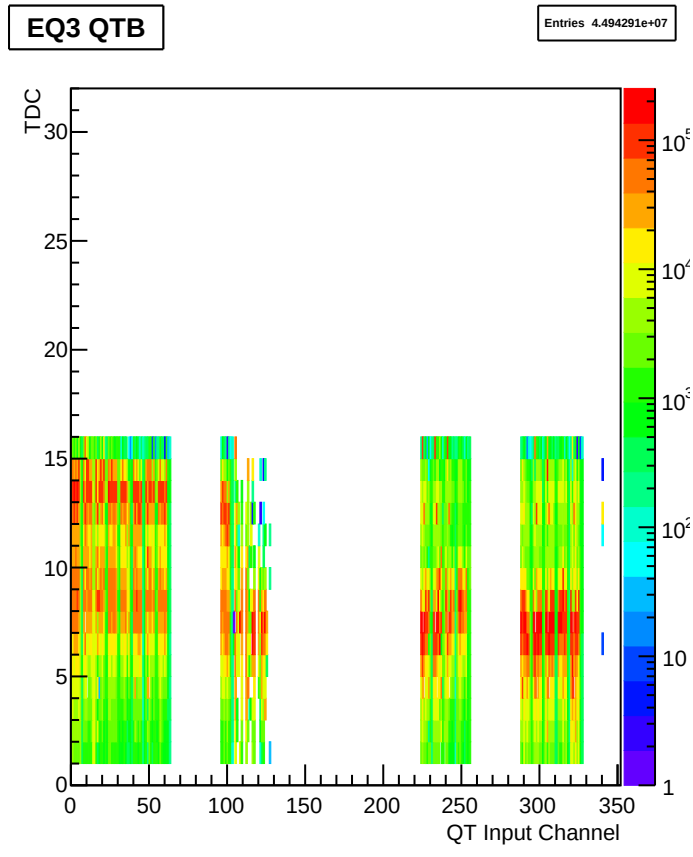

EQ2 QTB
Entries 1.747443e+08
ADC
QT Input Channel

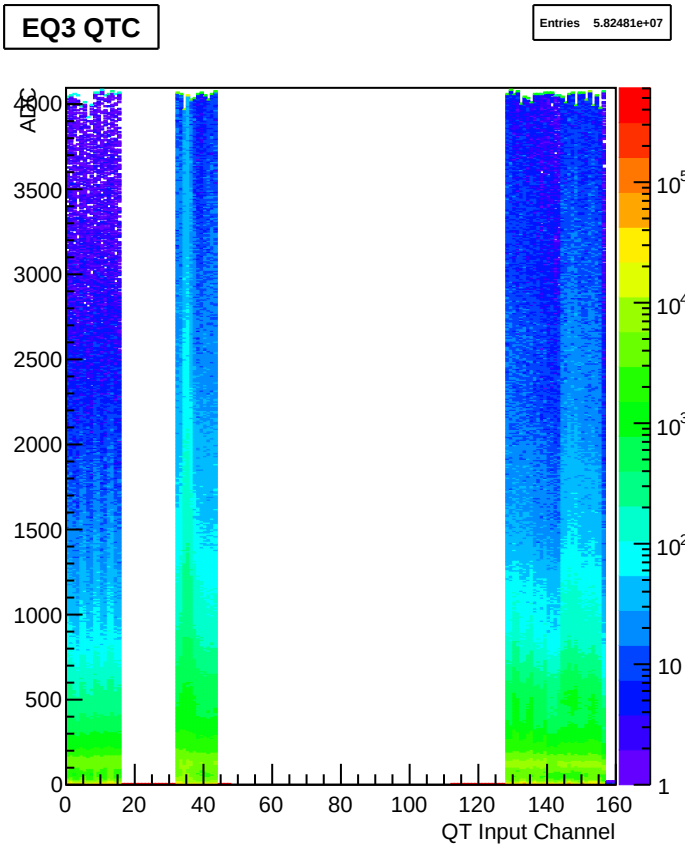

EQ2 QTB
Entries 4.30291e+07
TDC
QT Input Channel

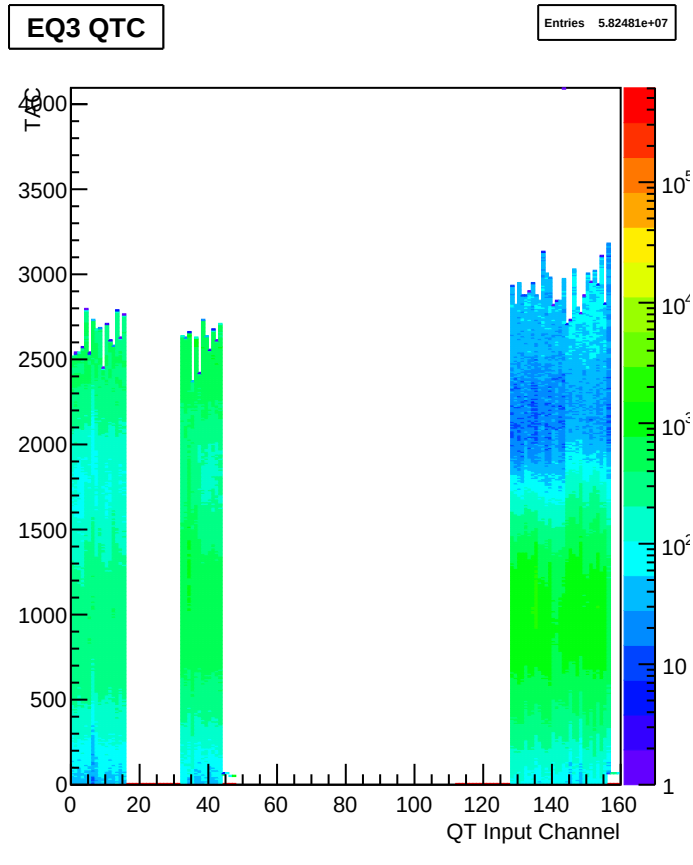

EQ2 QTC
Entries 5.82481e+07
ADC
QT Input Channel

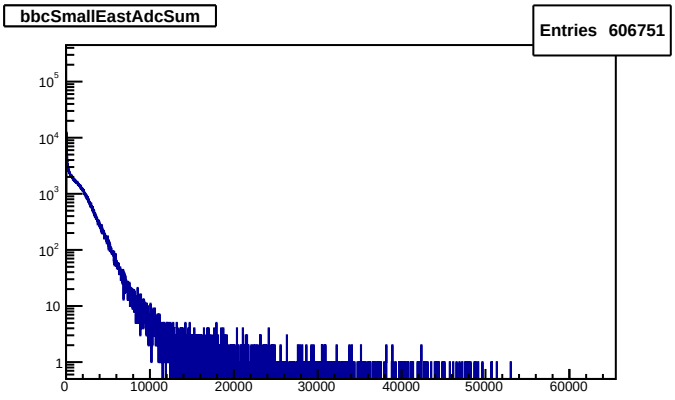

EQ2 QTC
Entries 5.82481e+07
TADC
QT Input Channel

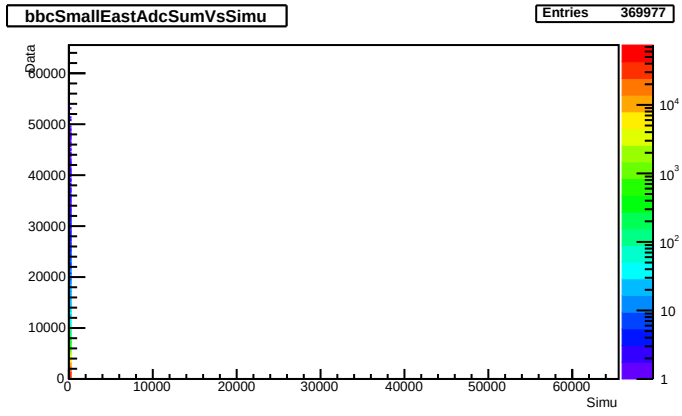

EQ3 QTB
Entries 1.553283e+08
ADC
QT Input Channel

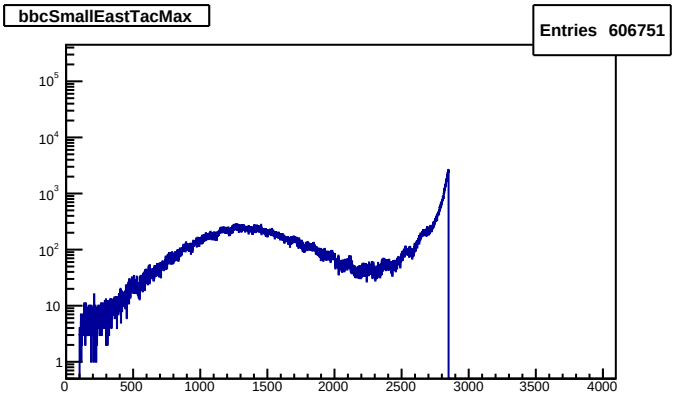

EQ3 QTB
Entries 4.494291e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.82481e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.82481e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 606751


bbcSmallEastAdcSumVsSimu
Entries 369977
Data
Simu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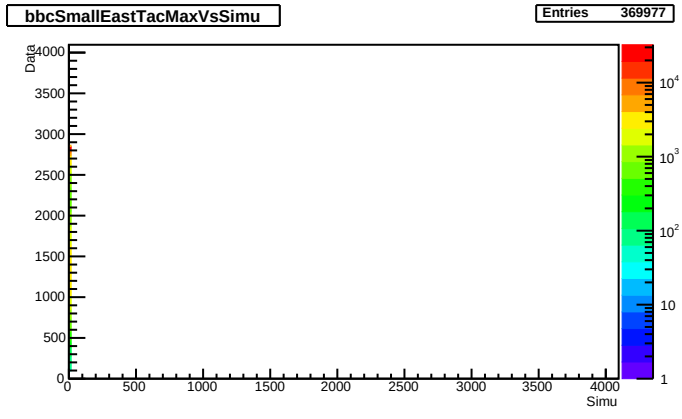
Entries 606751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Entries 369977
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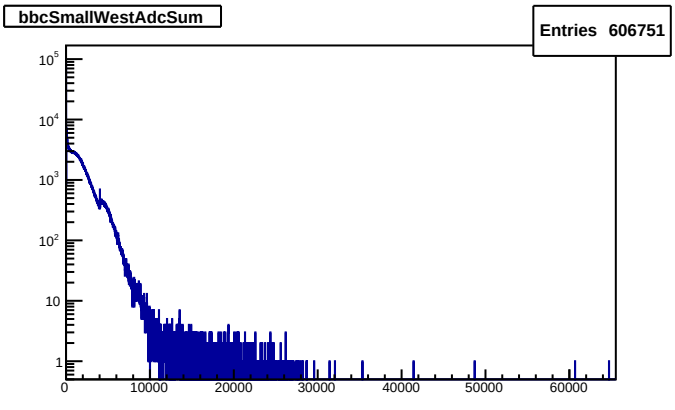
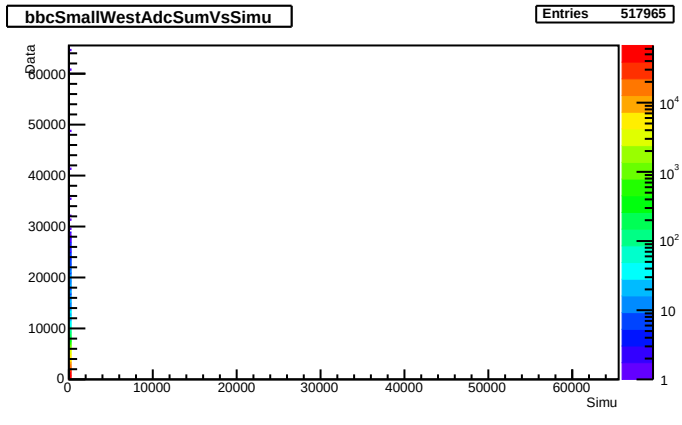

bbcSmallWestAdcSum
Entries 606751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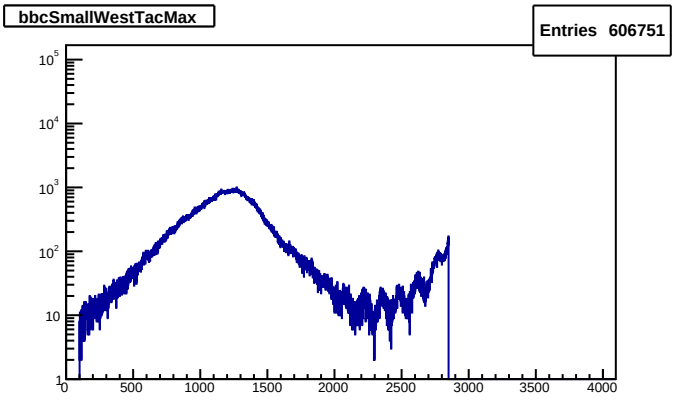
Entries 517965
Data
Simu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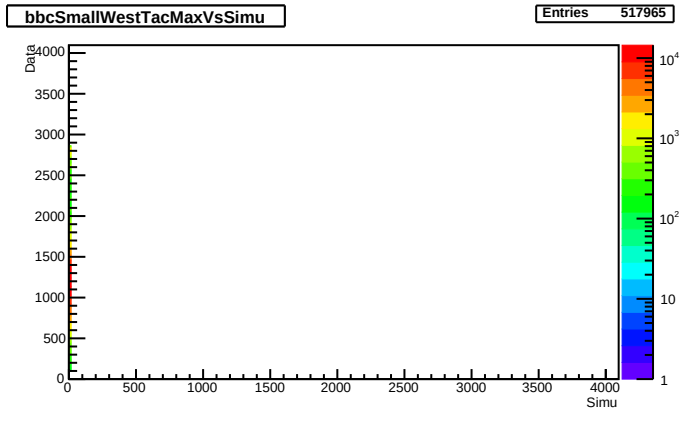
Entries 606751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Entries 517965
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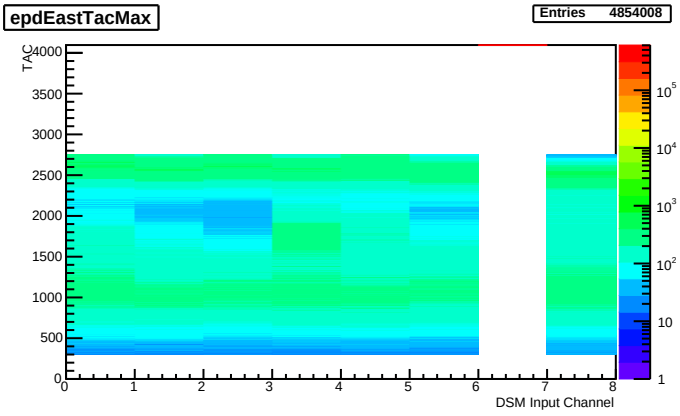
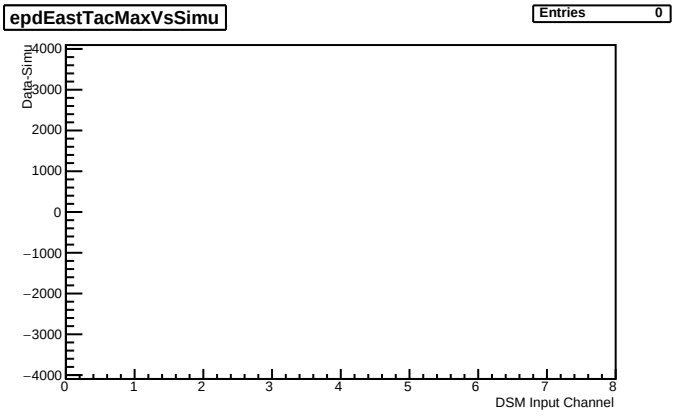
Simu


epdEastTacMax
Entries 4854008
TAC
DSM Input Channel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Data-Simu
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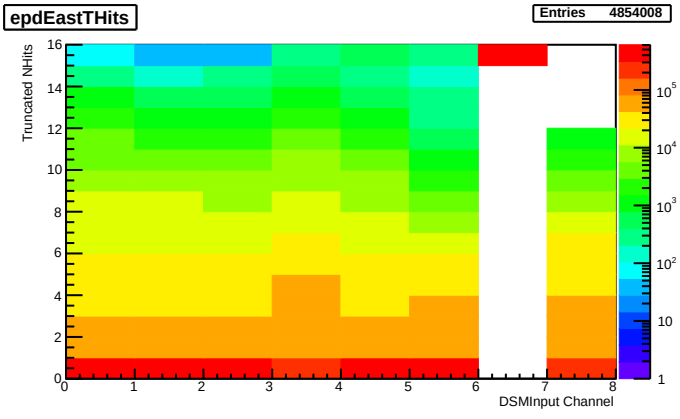
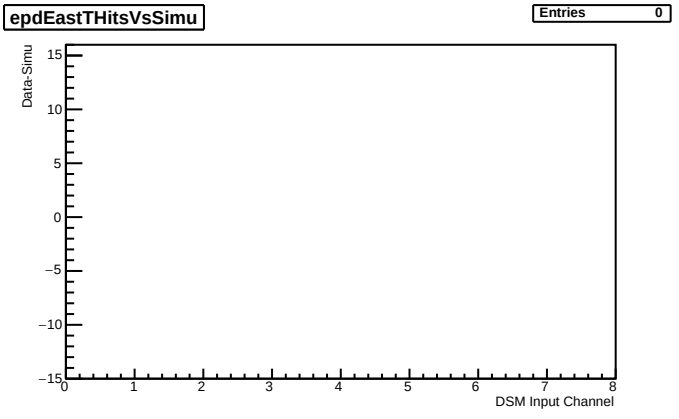

epdEastTHits
Entries 4854008
Truncated NHits
DSMInput Channel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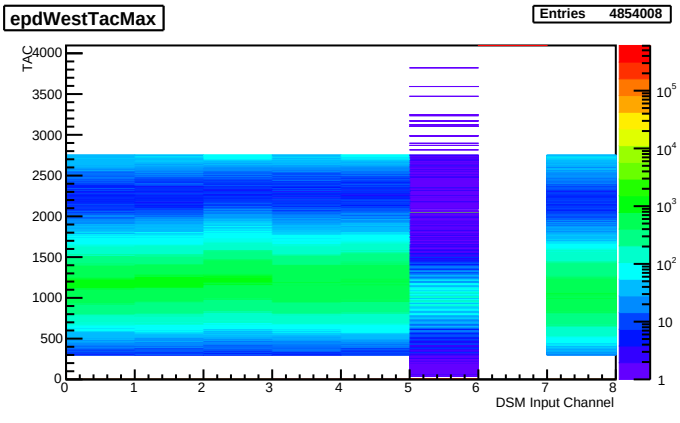
DSM Input Channel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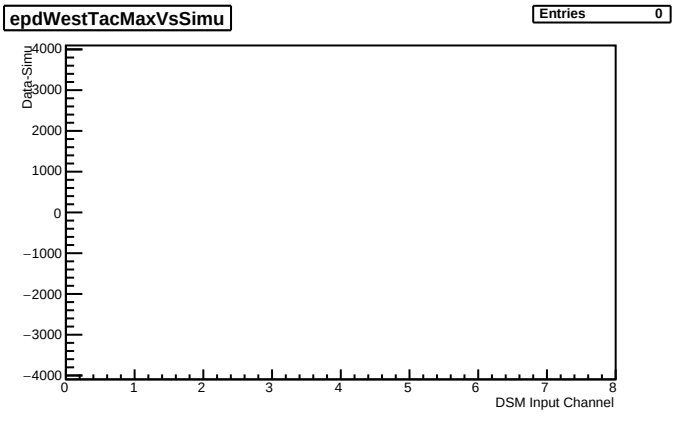
Entries 4854008
TAC
DSM Input Channel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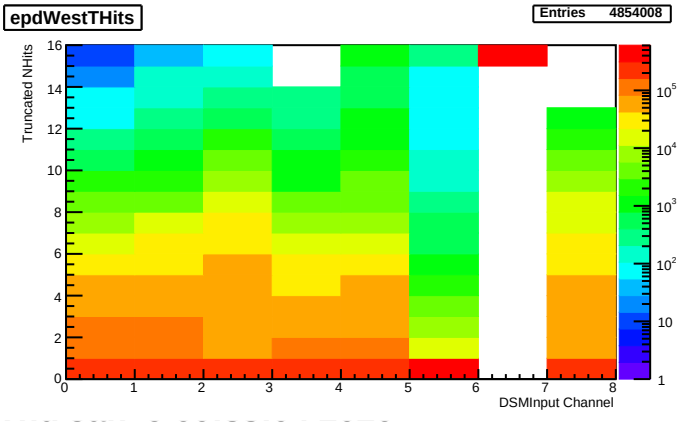
Data-Simu
DSM Input Channel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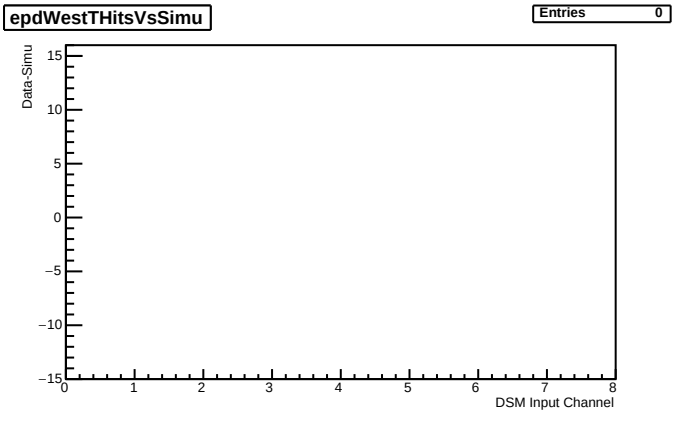
Entries 4854008
Truncated NHits
DSMInput Channel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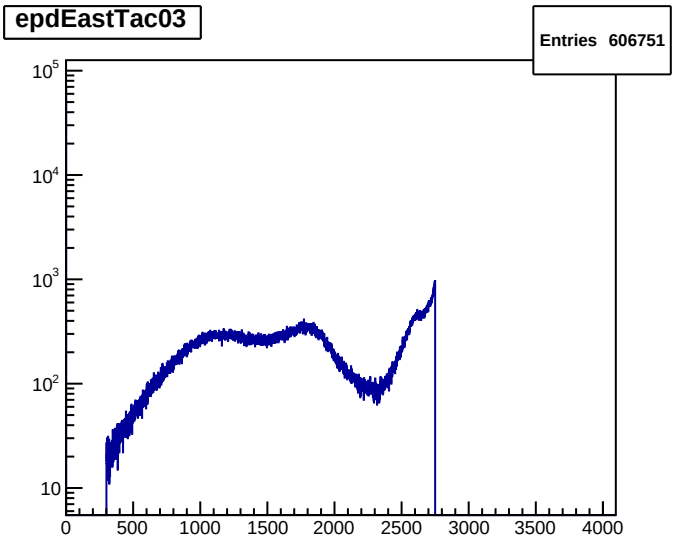
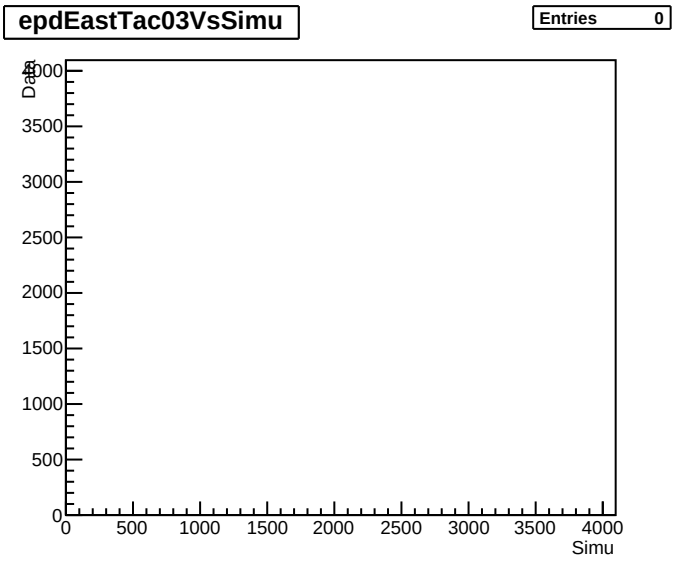
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 606751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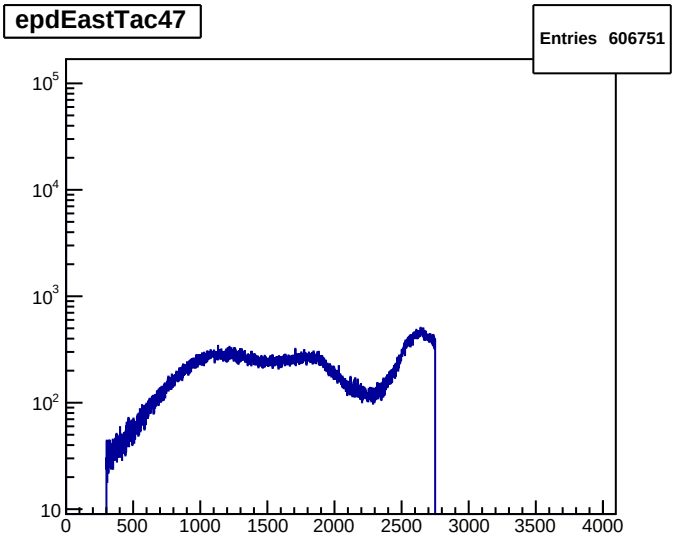
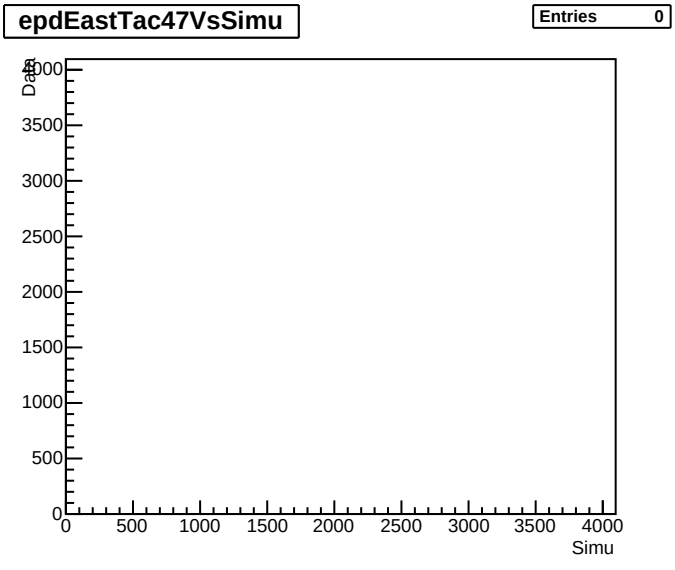
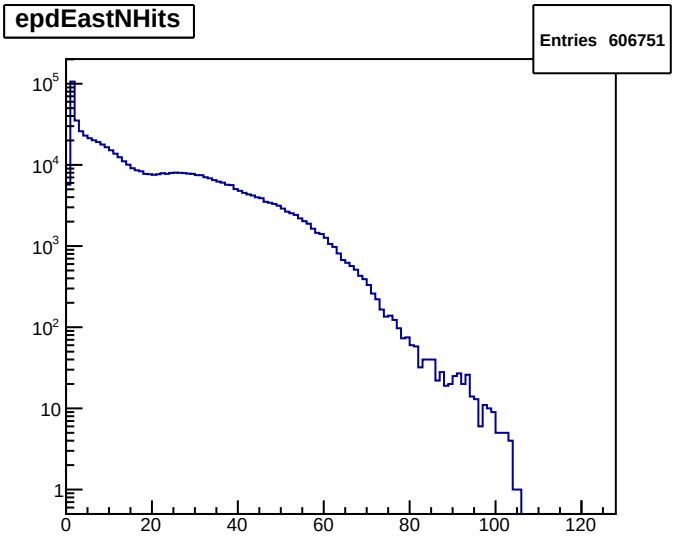
Entries 0
Data
Simu


epdEastTac47
Entries 606751


epdEastTac47VsSimu
Entries 0
Data
Simu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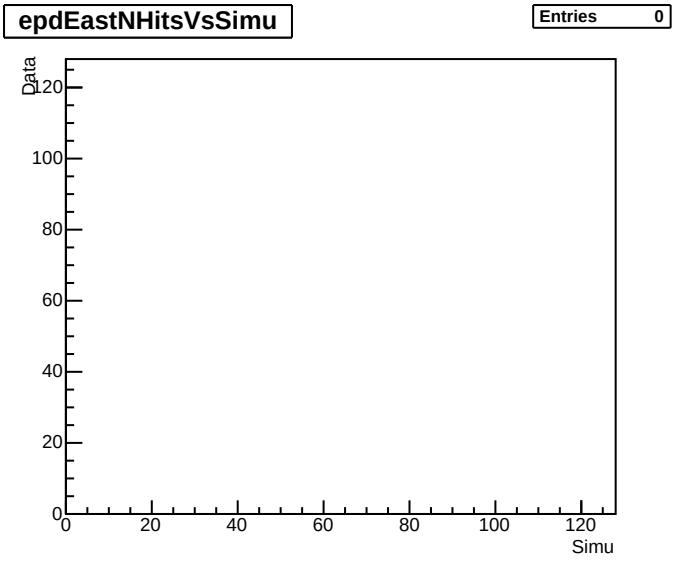
Entries 606751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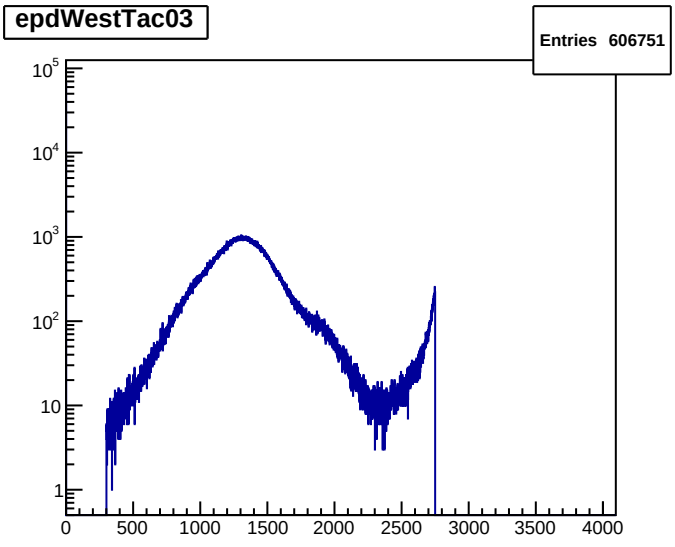
Entries 0
Data
Simu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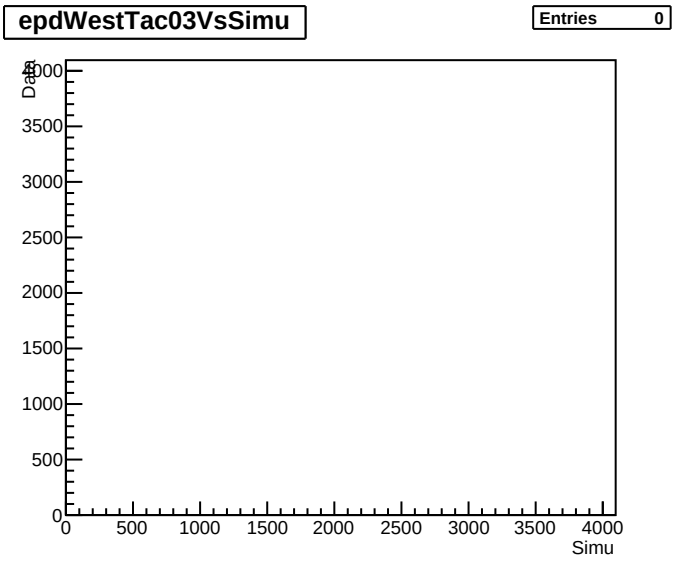
Entries 606751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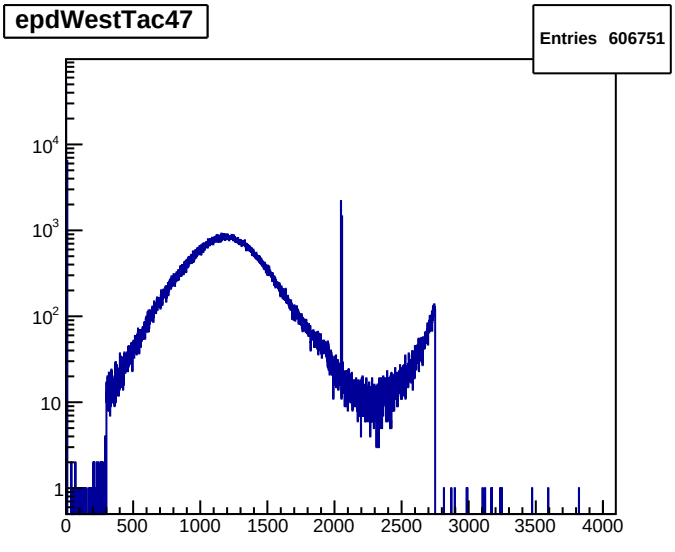
Entries 0
Data
Simu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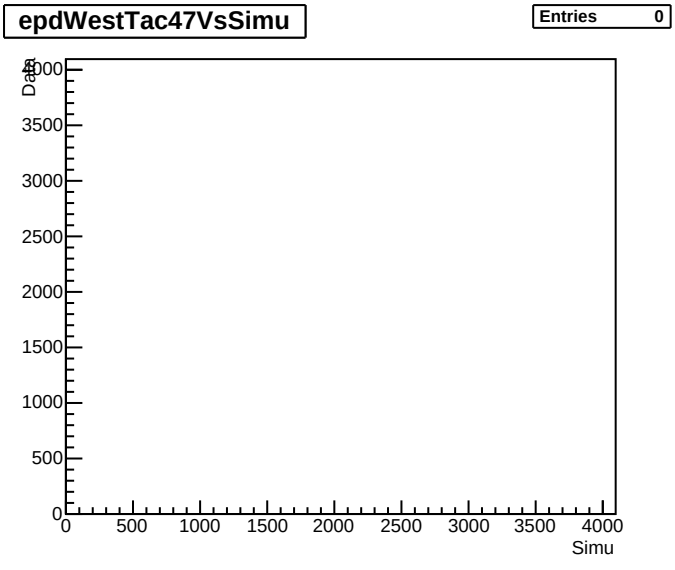
Entries 606751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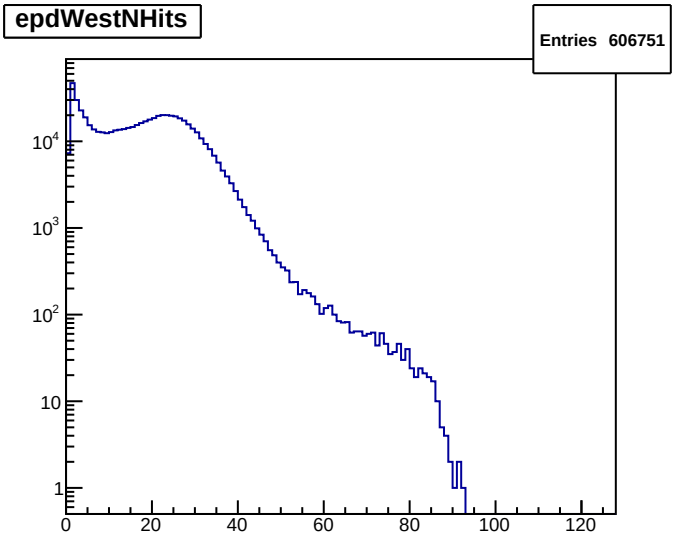
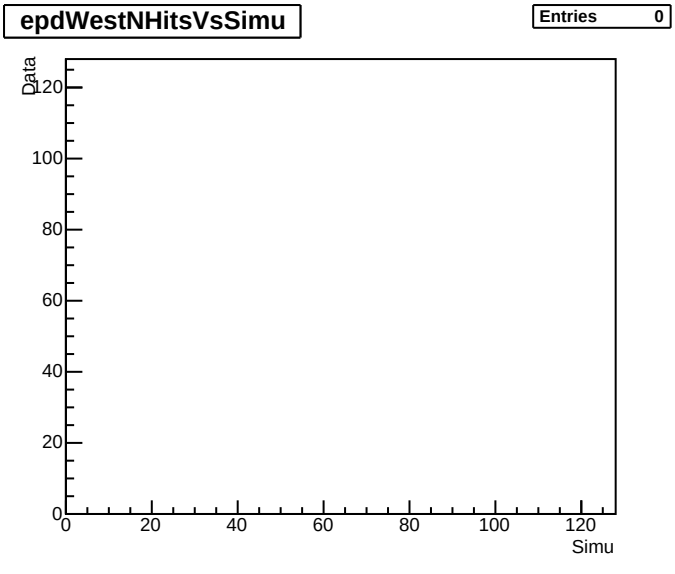
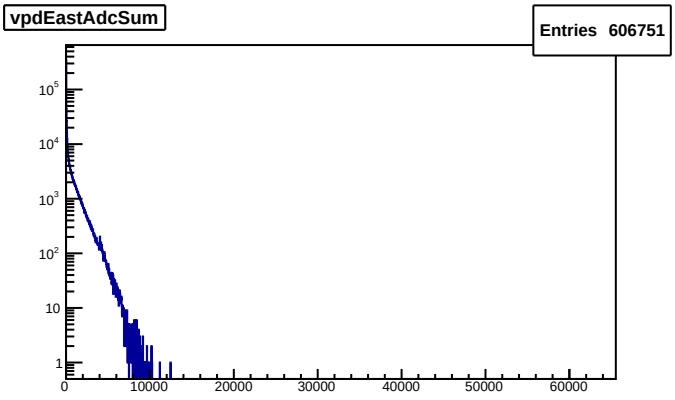
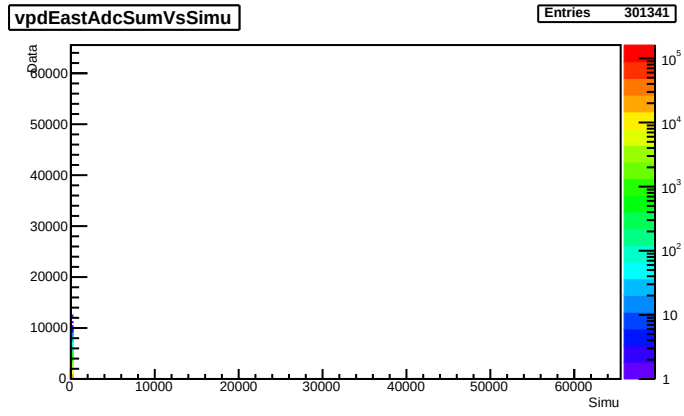
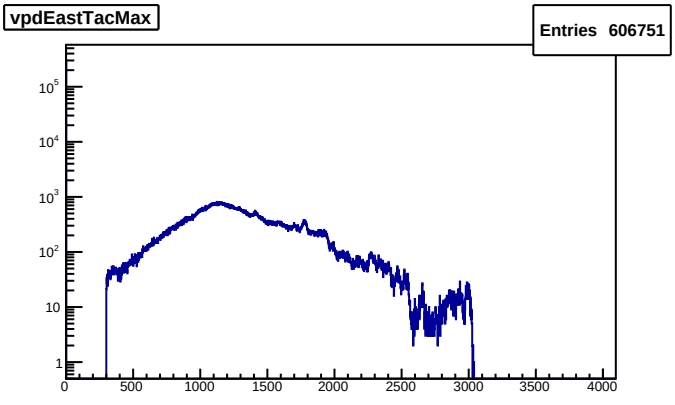
Entries 0
Data
Simu

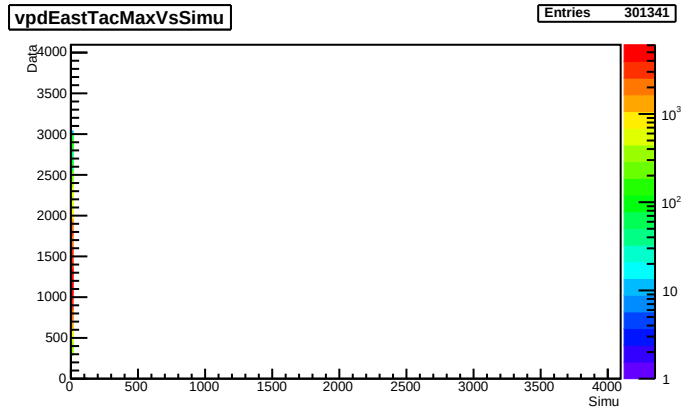

epdWestNHits
Entries 606751

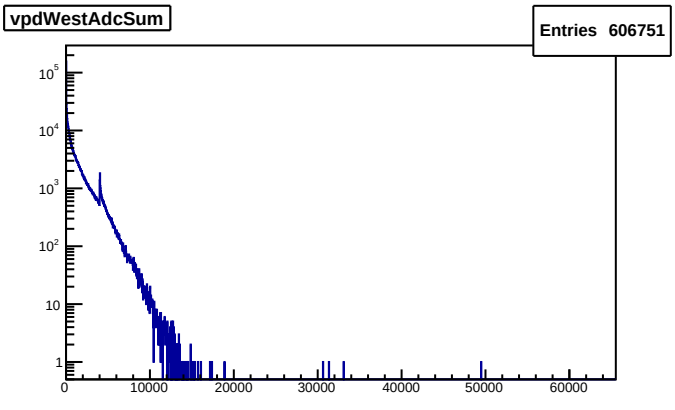

epdWestNHitsVsSimu
Entries 0
Data
Simu

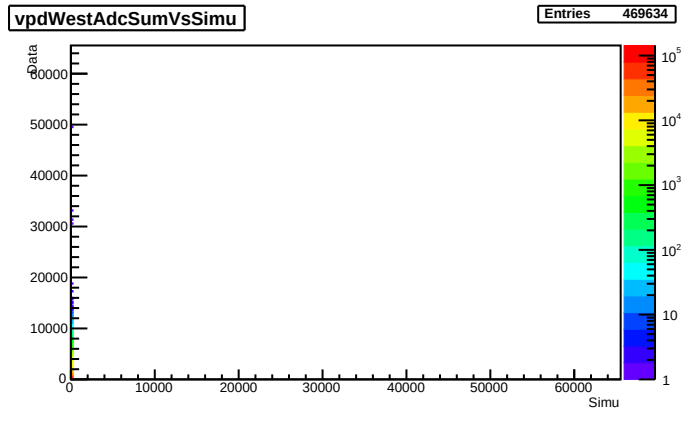

vpdEastAdcSum
Entries 606751

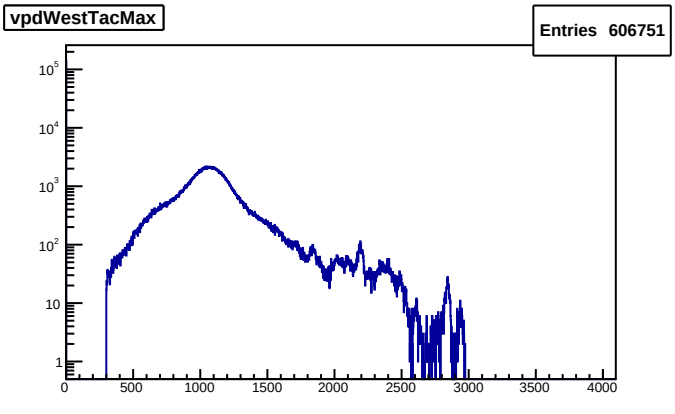

vpdEastAdcSumVsSimu
Entries 301341
Data
Simu

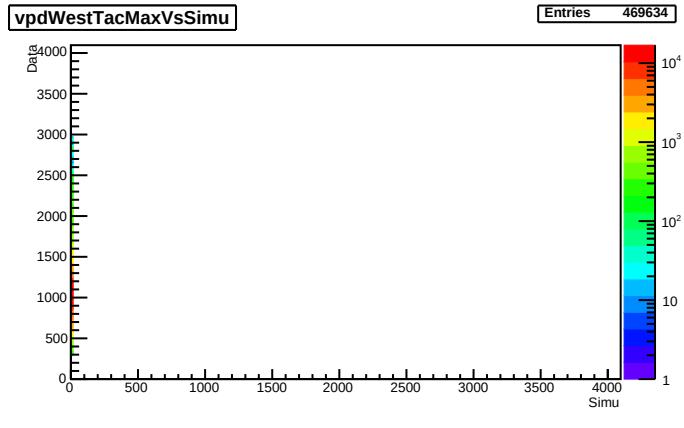

vpdEastTacMax
Entries 606751

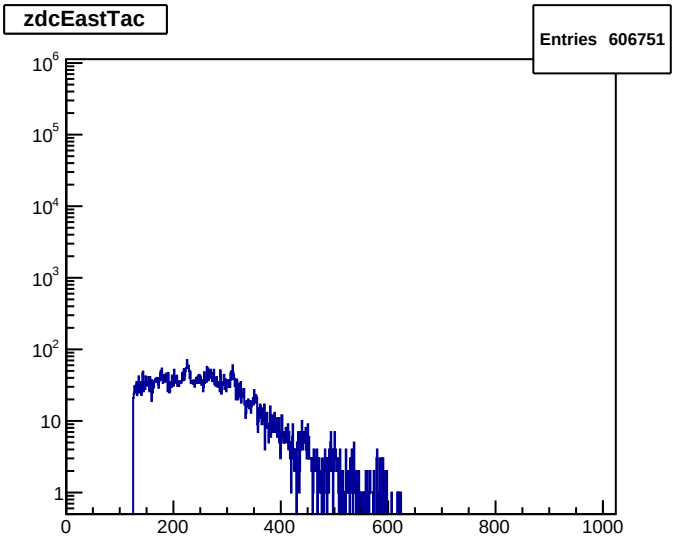

vpdEastTacMaxVsSimu
Entries 301341
Data
Simu

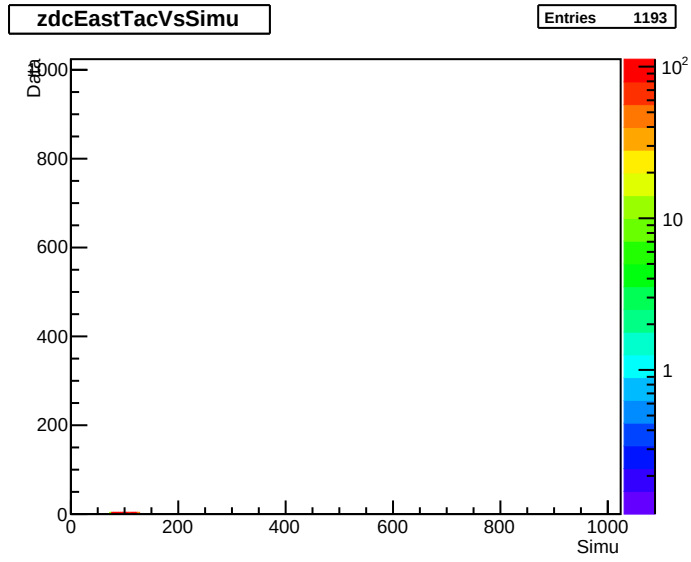

vpdWestAdcSum
Entries 606751

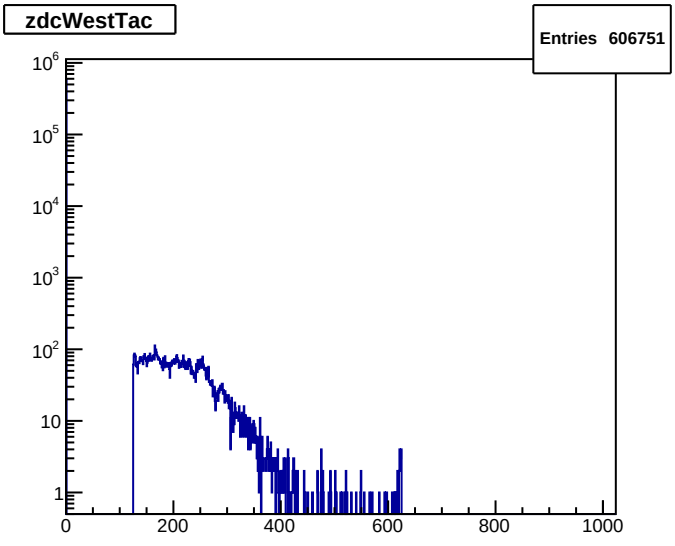

vpdWestAdcSumVsSimu
Entries 469634
Data
Simu

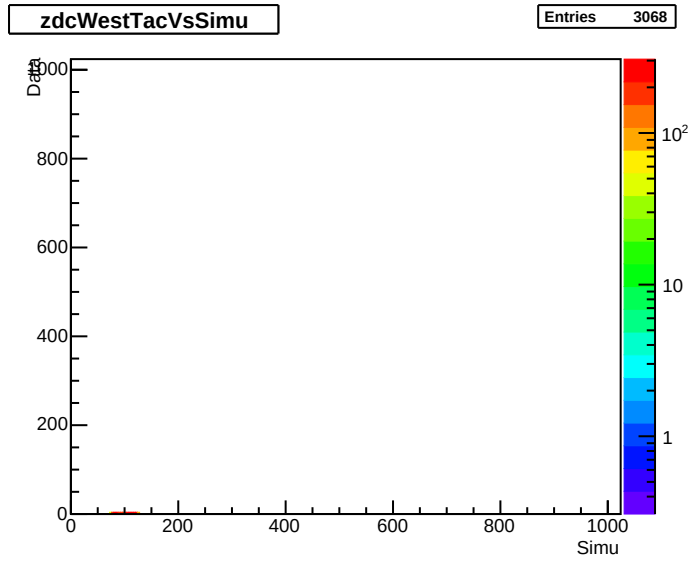

vpdWestTacMax
Entries 606751

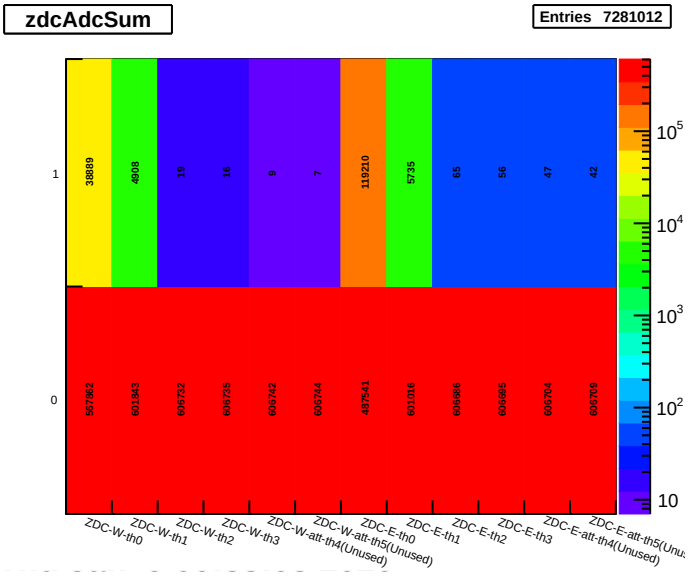

vpdWestTacMaxVsSimu
Entries 469634
Data
Simu

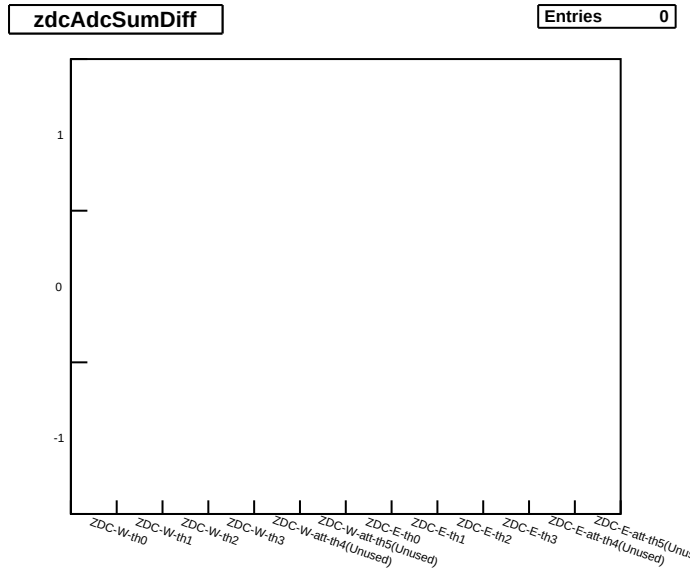

zdcEastTac
Entries 606751


zdcEastTacVsSimu
Entries 1193
Data
Simu


zdcWestTac
Entries 606751


zdcWestTacVsSimu
Entries 3068
Data
Simu


zdcAdcSum
Entries 7281012
38889
4908
19
16
9
7
119210
5735
65
56
47
42
567862
601843
606732
606735
606742
606744
487541
601016
606686
606695
606704
606709
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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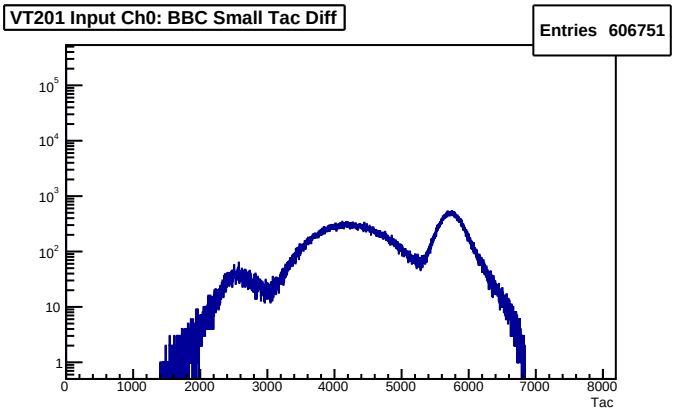
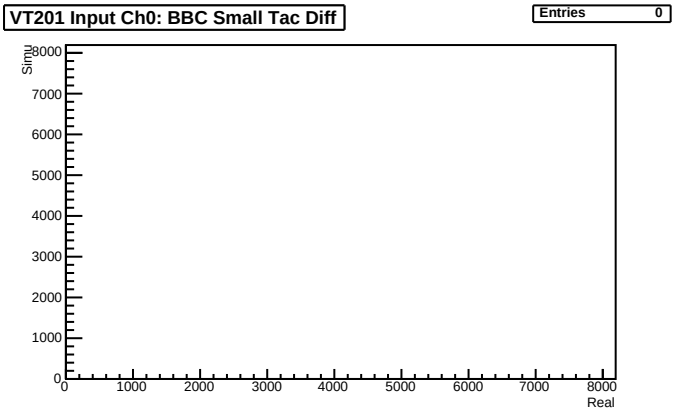
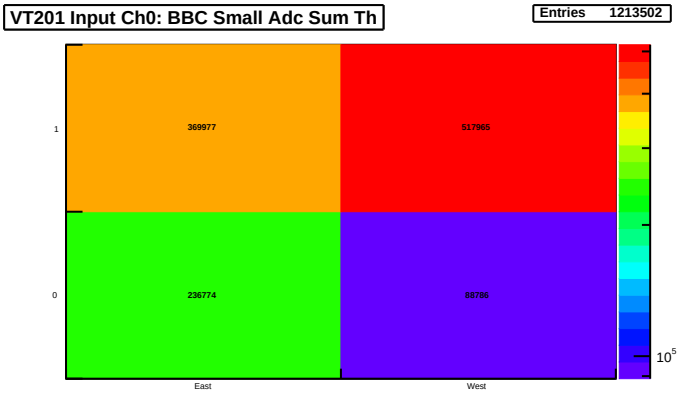
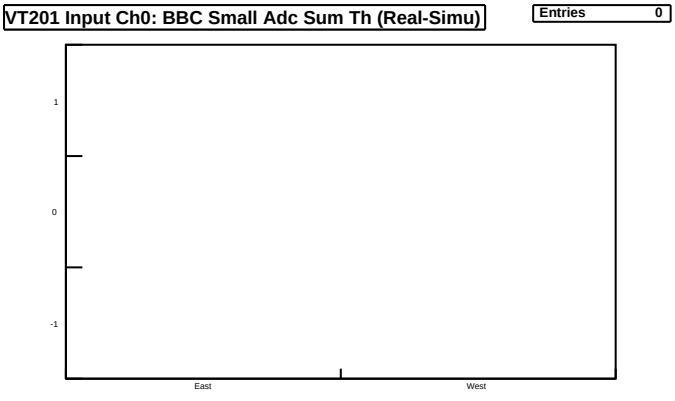
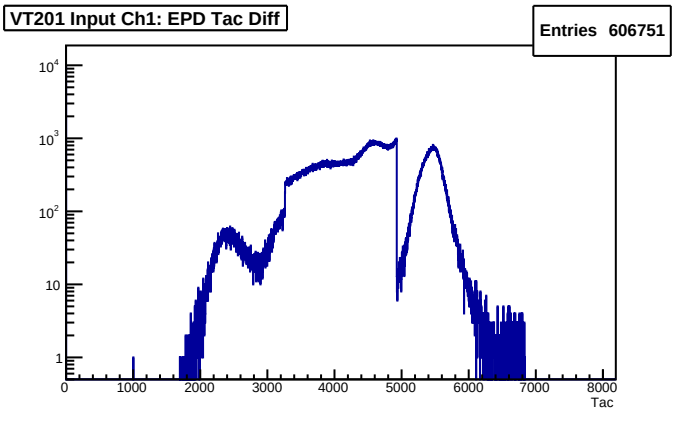
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

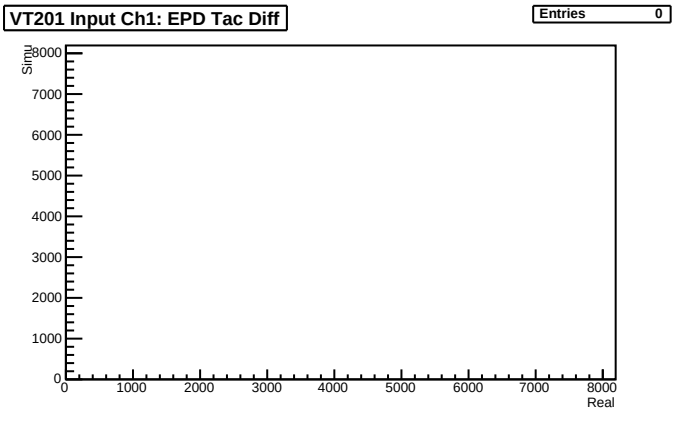

VT201 Input Ch0: BBC Small Tac Diff
Entries 606751
Tac

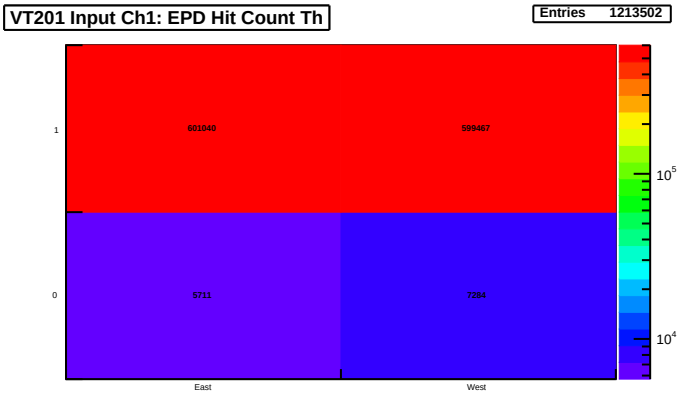

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

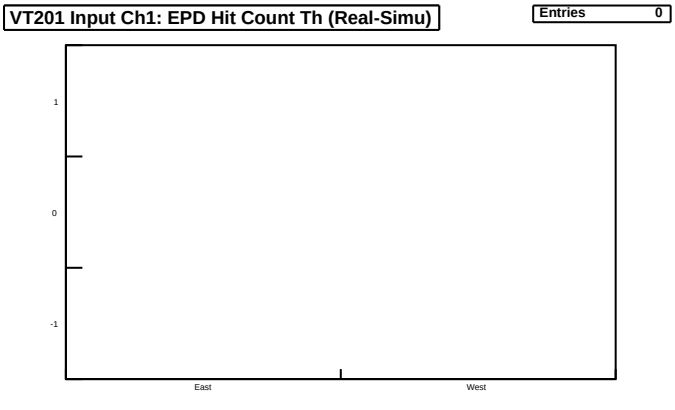

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1213502
369977
517965
236774
88786
East
West

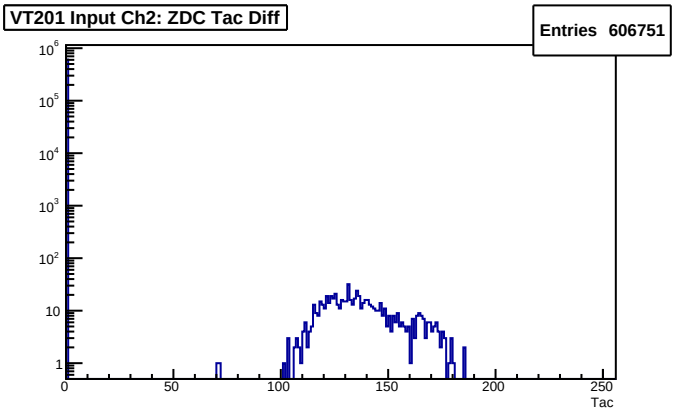

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

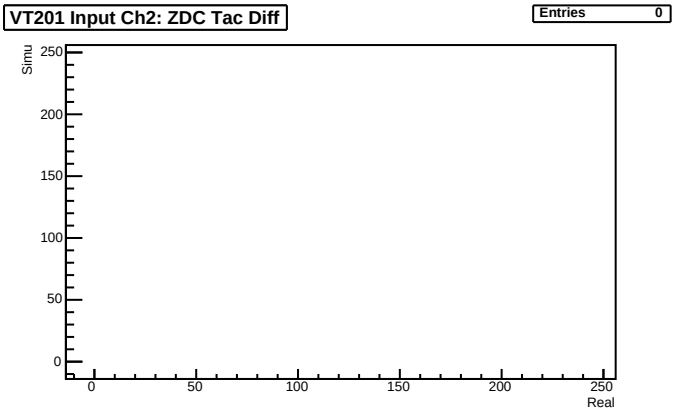

VT201 Input Ch1: EPD Tac Diff
Entries 606751
Tac

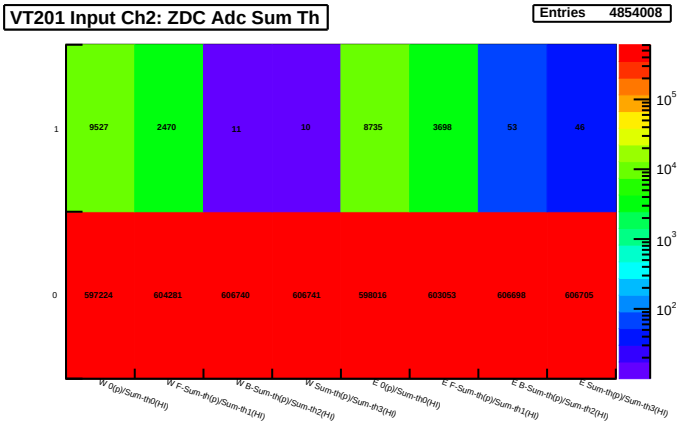

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

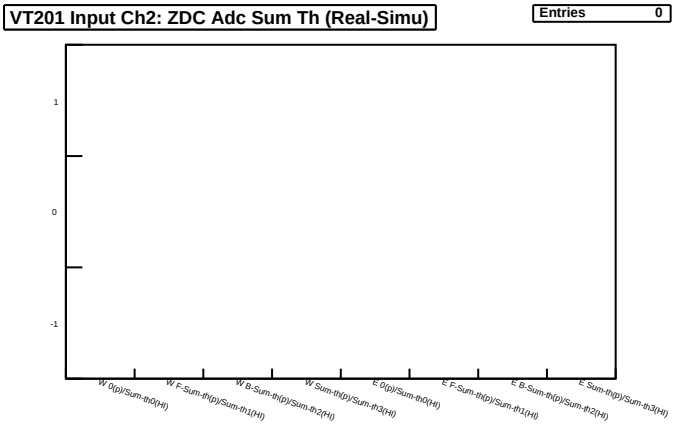

VT201 Input Ch1: EPD Hit Count Th
Entries 1213502
601040
599467
5711
7284
East
West

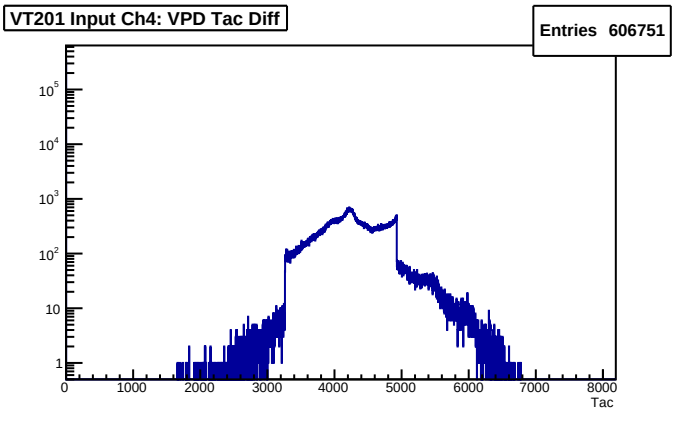

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

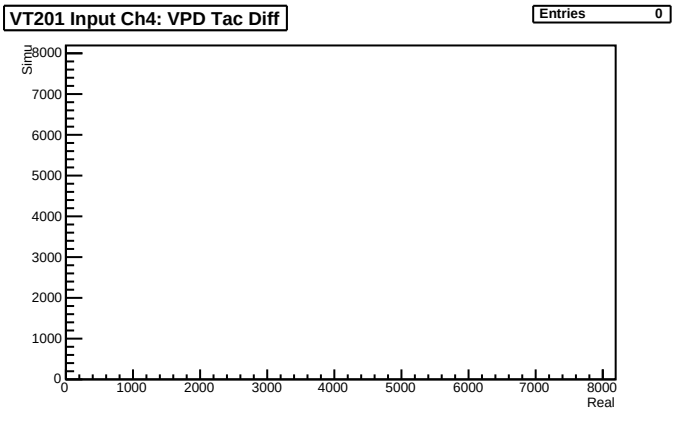

VT201 Input Ch2: ZDC Tac Diff
Entries 606751
Tac

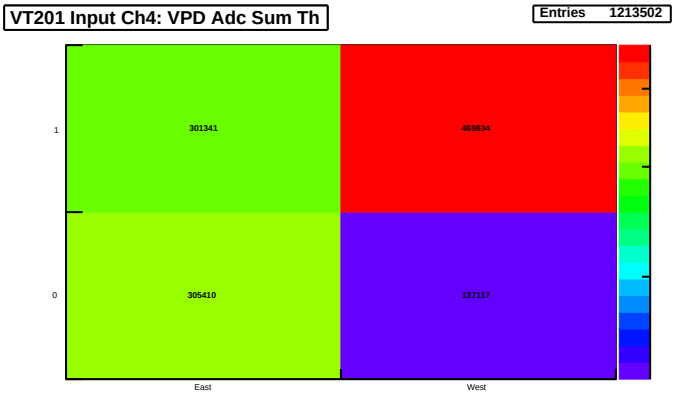

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

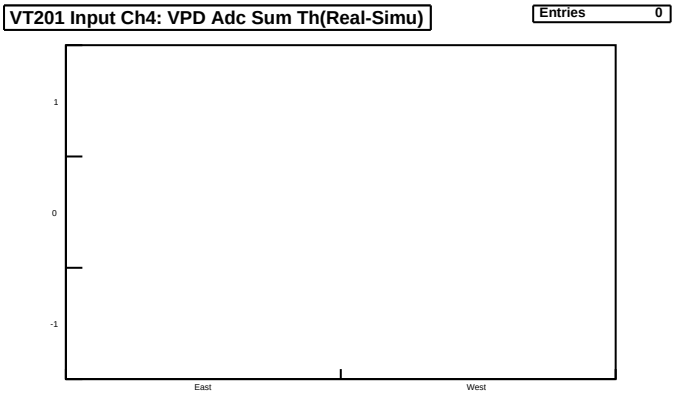

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4854008
9527
2470
11
10
8735
3698
53
46
597224
604281
606740
606741
598016
603053
606698
606705
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

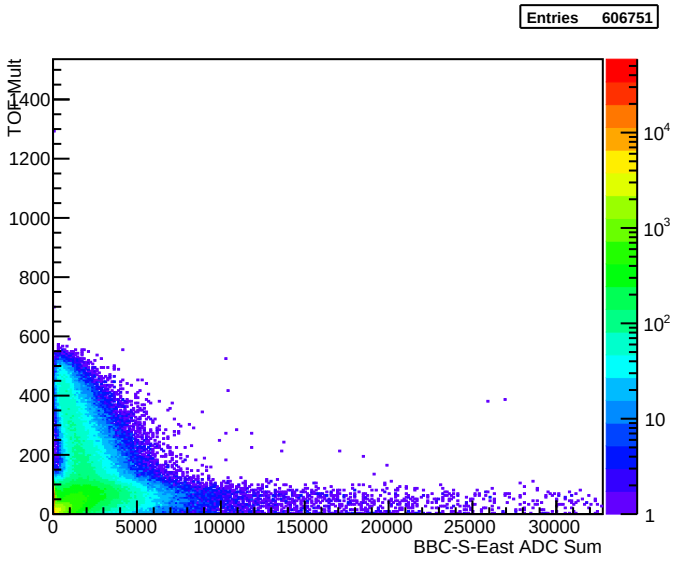

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

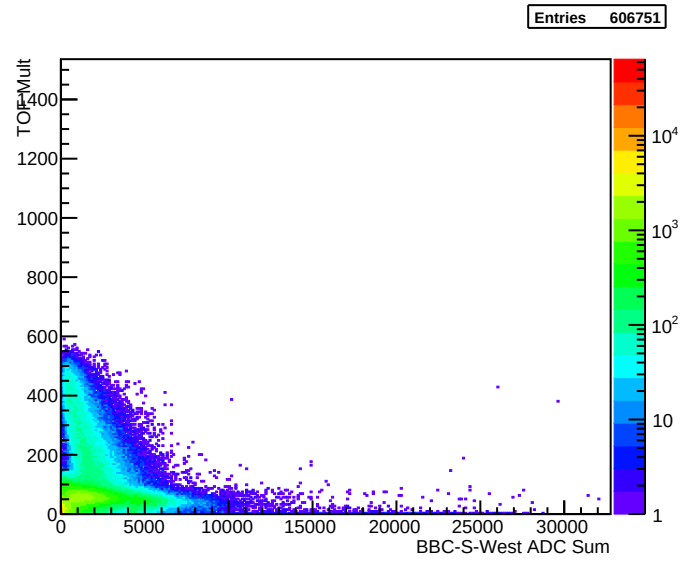

VT201 Input Ch4: VPD Tac Diff
Entries 606751
Tac

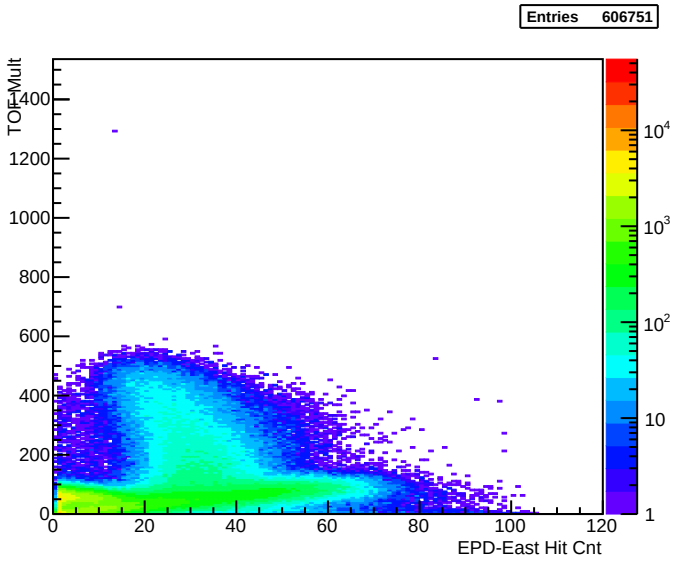

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

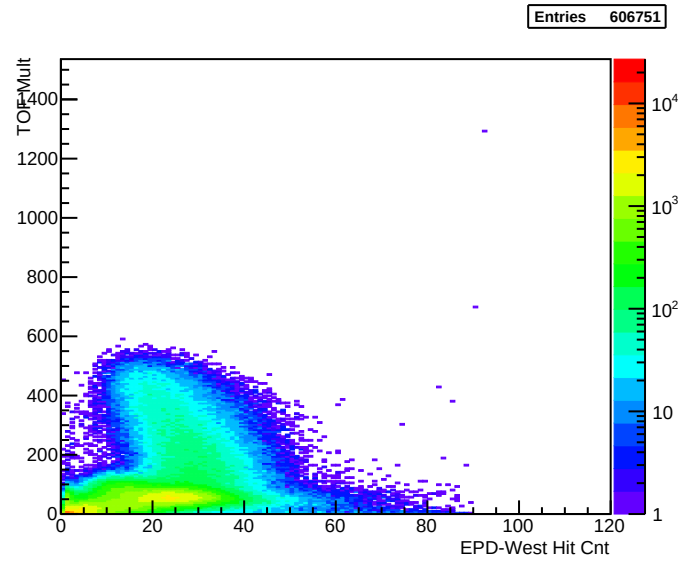

VT201 Input Ch4: VPD Adc Sum Th
Entries 1213502
301341
469634
305410
137117
East
West

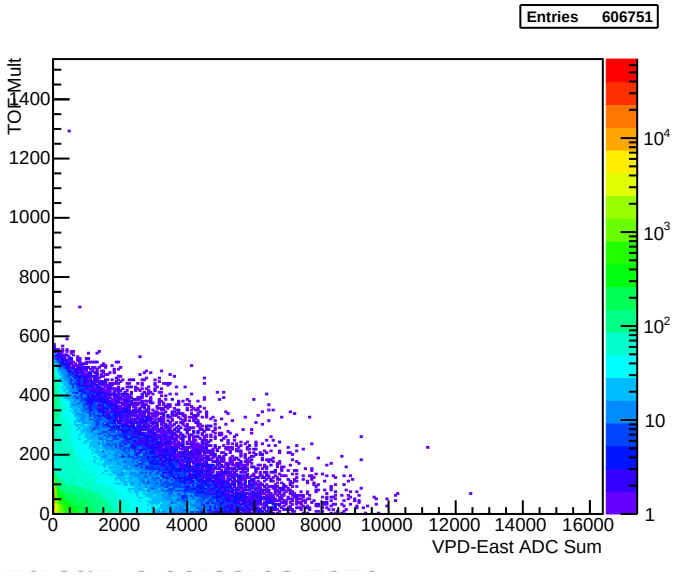

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

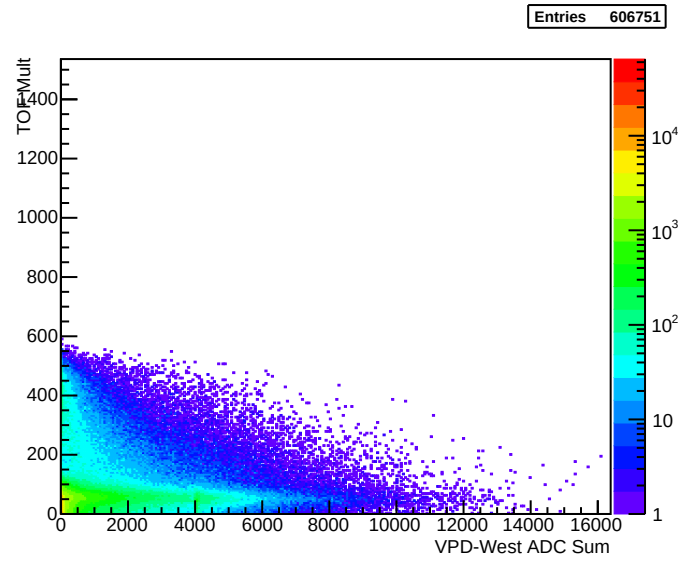

Entries 606751
TOF-Mult
BBC-S-East ADC Sum

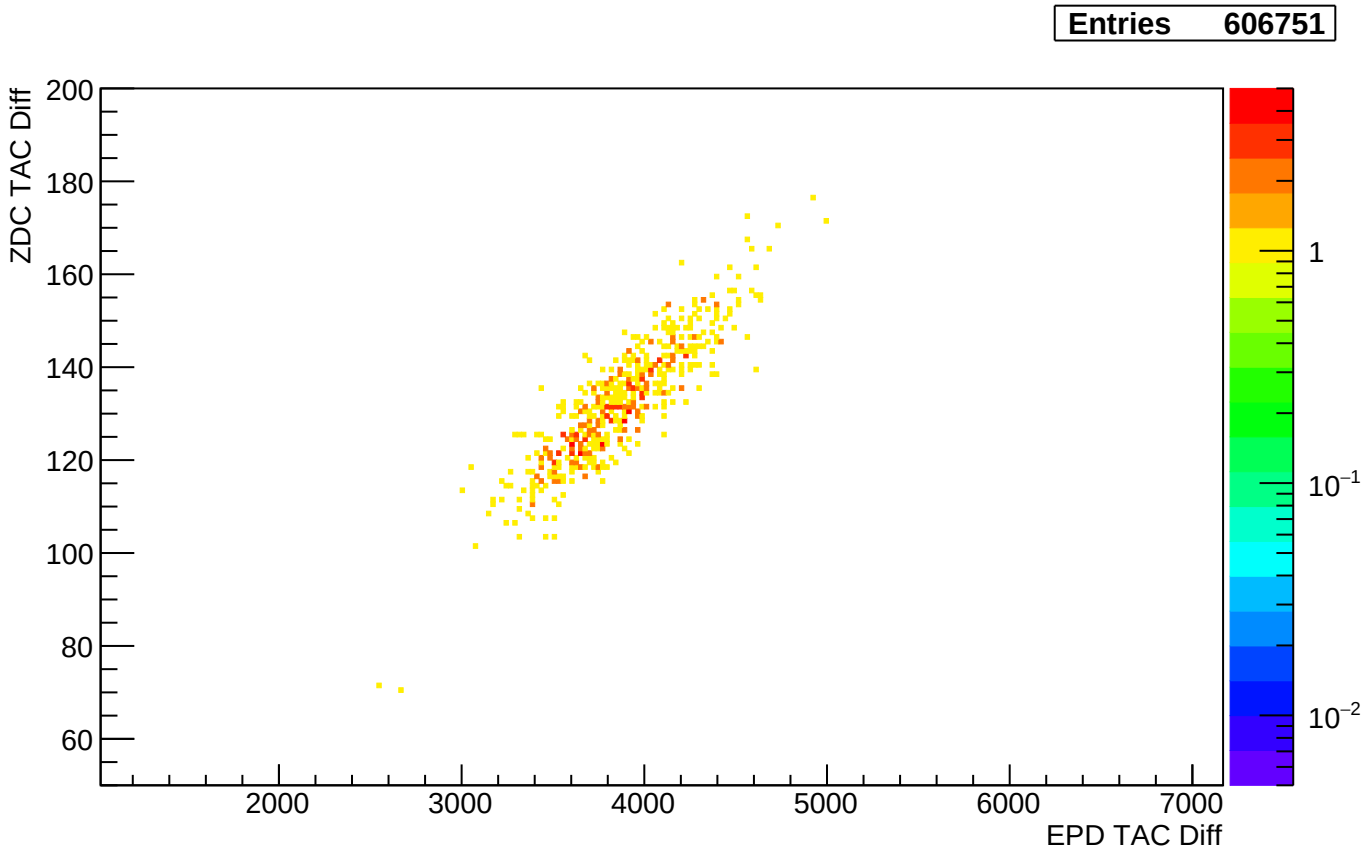

Entries 606751
TOF-Mult
BBC-S-West ADC Sum

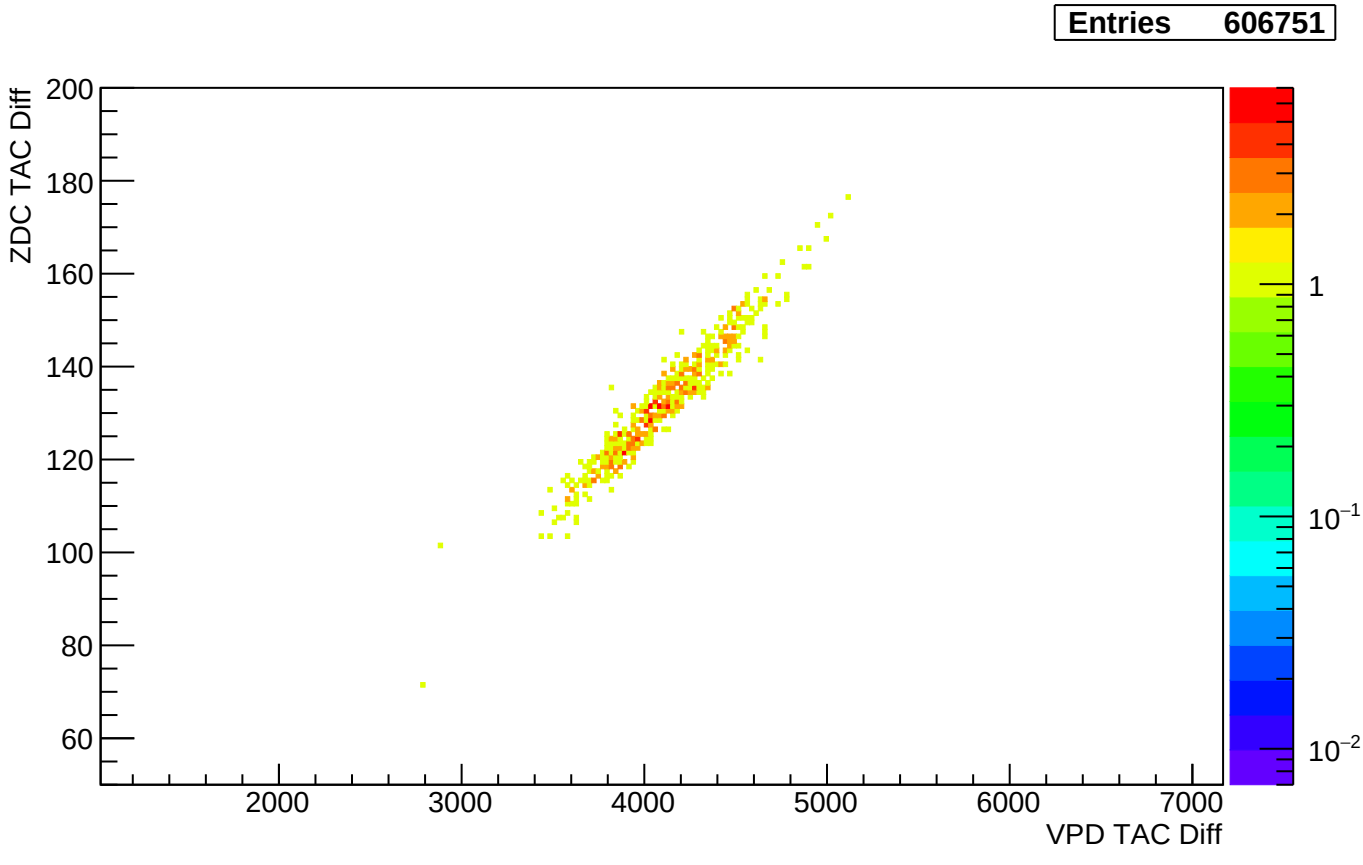

Entries 606751
TOF-Mult
EPD-East Hit Cnt

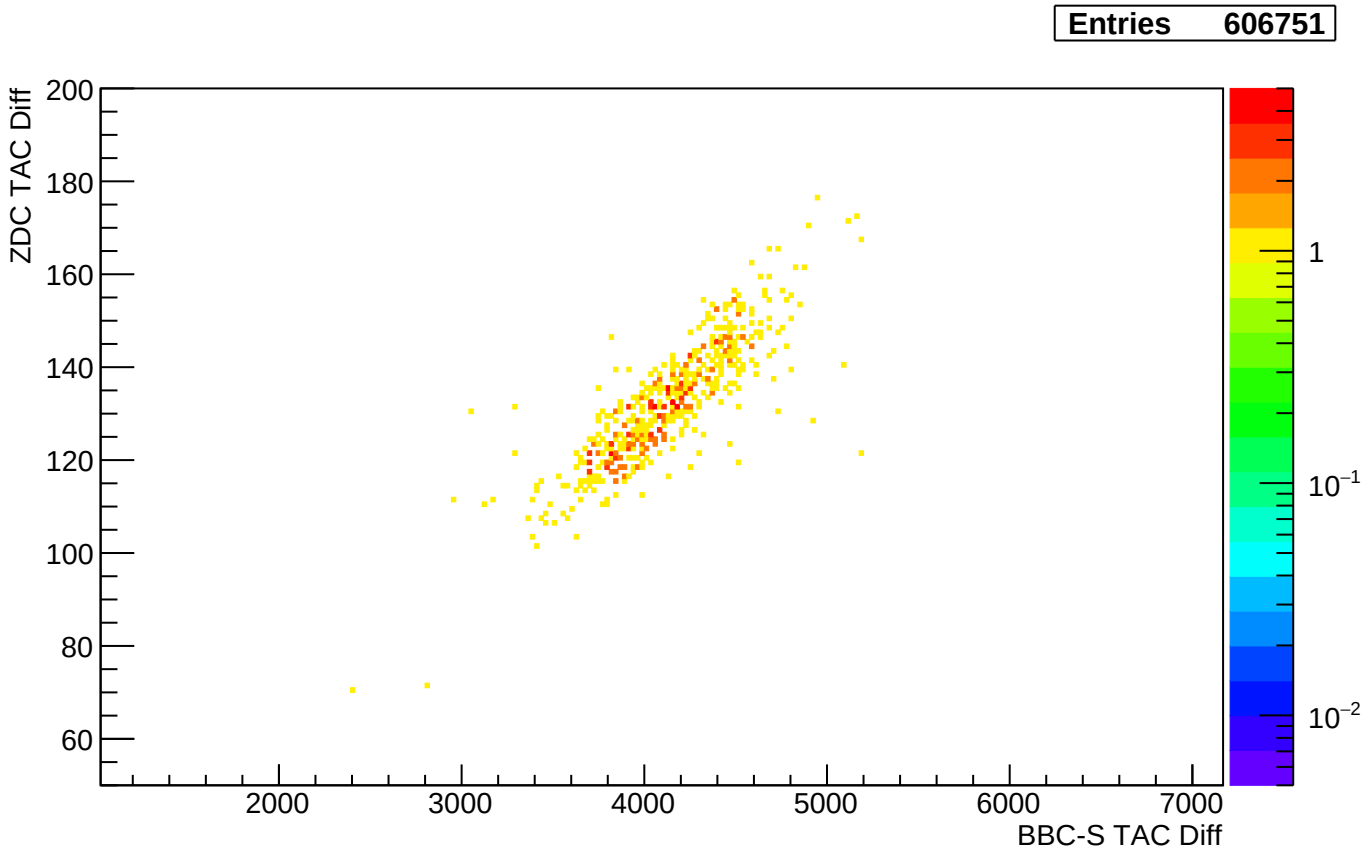

Entries 606751
TOF-Mult
EPD-West Hit Cnt

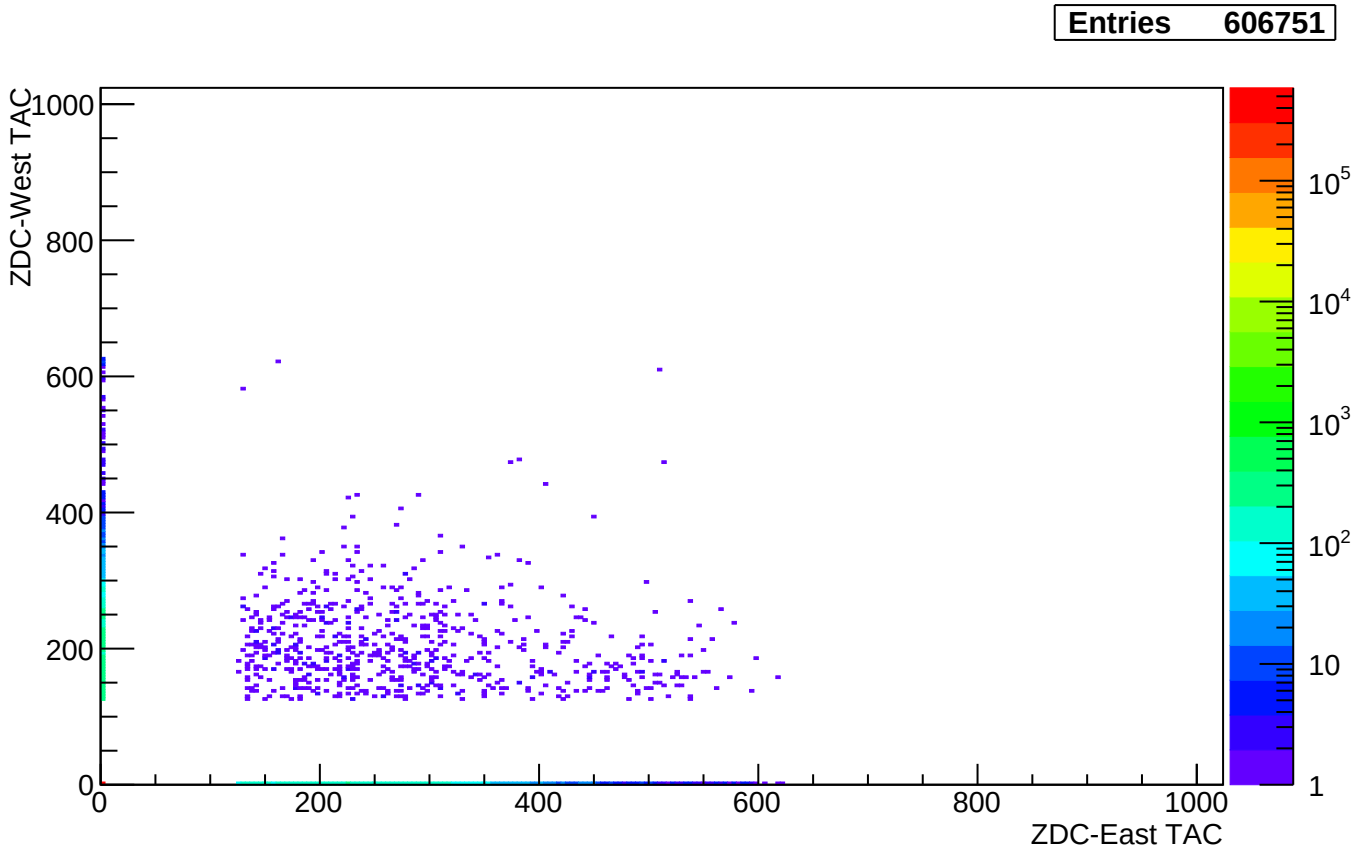

Entries 606751
TOF-Mult
VPD-East ADC Sum

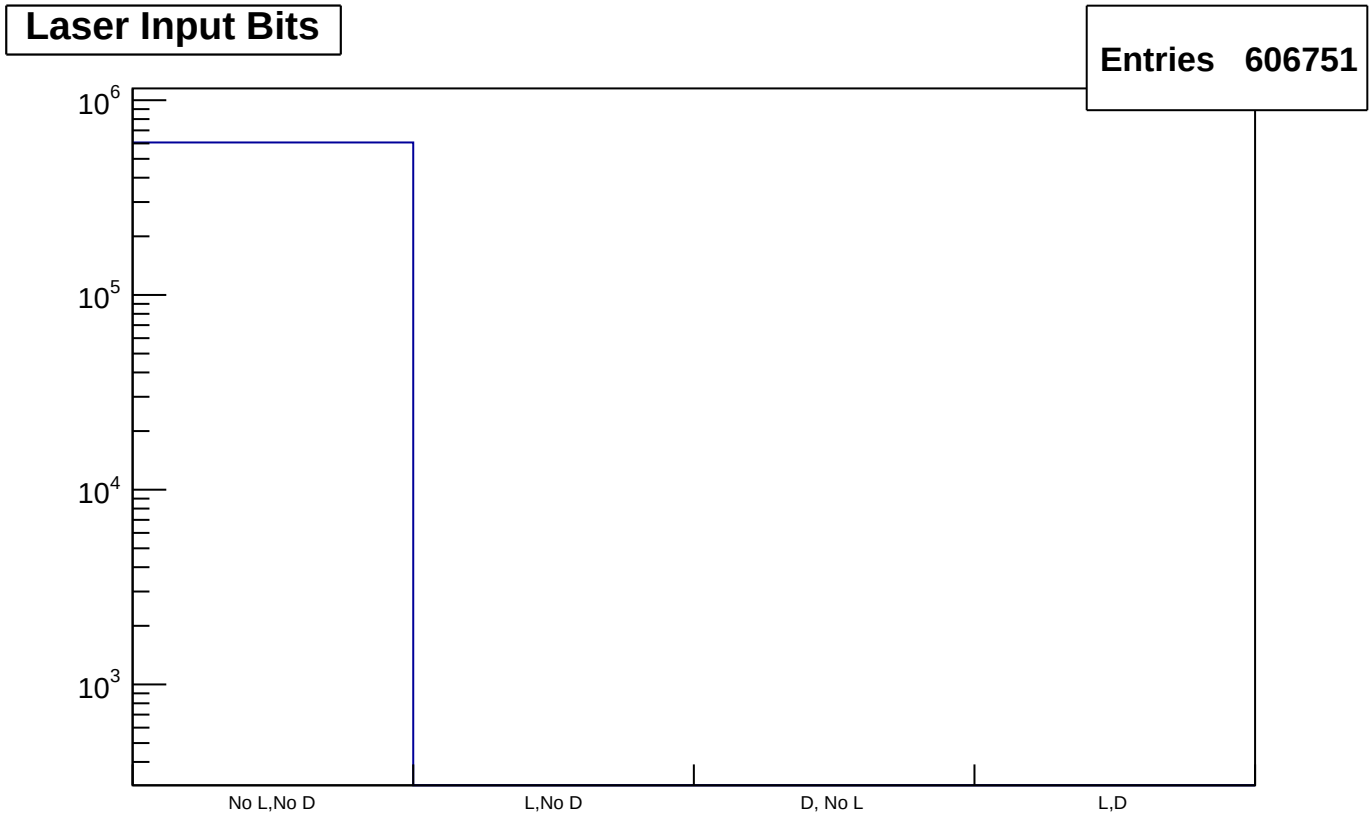

Entries 606751
TOF-Mult
VPD-West ADC Sum

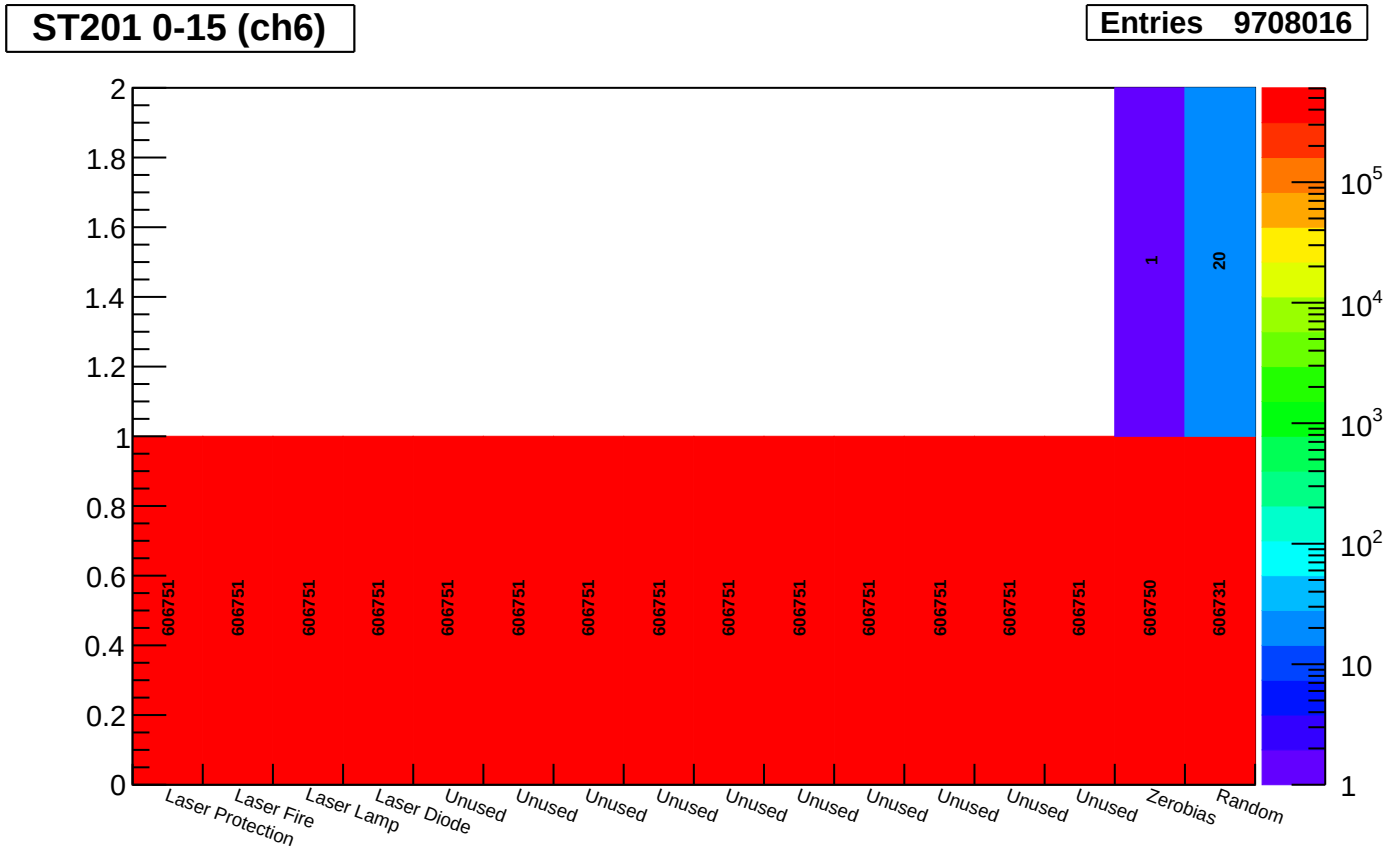

Entries 606751
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

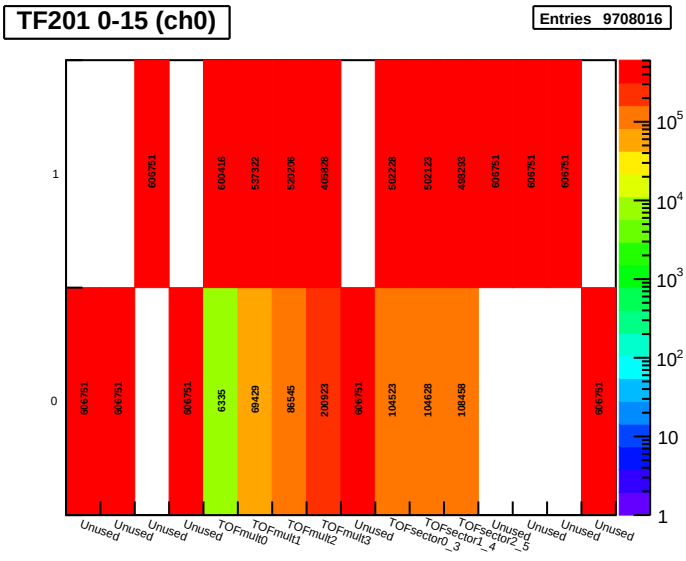

Entries 606751
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

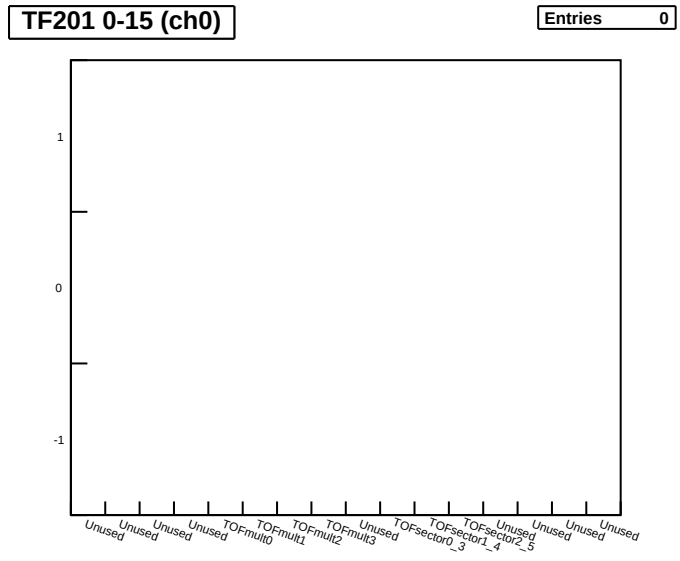

Entries 606751
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

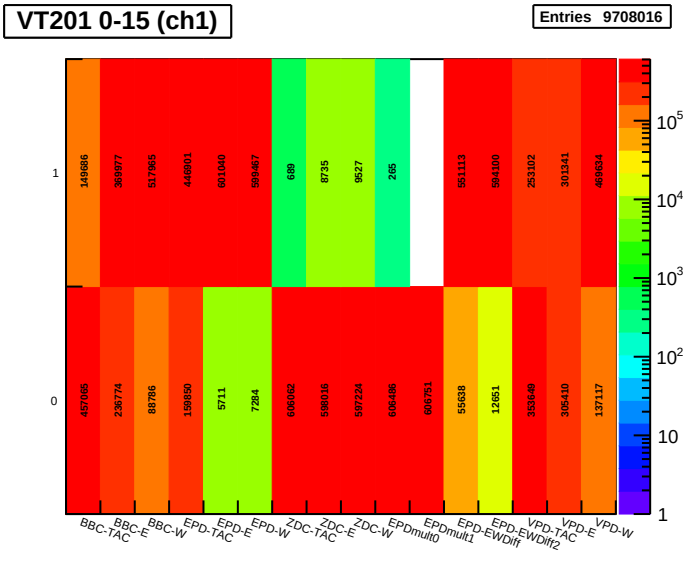

Entries 606751
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

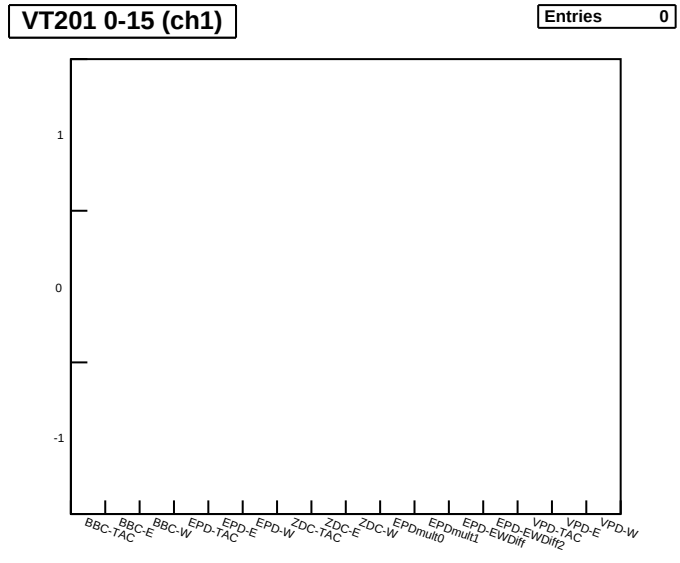

Laser Input Bits
Entries 606751
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

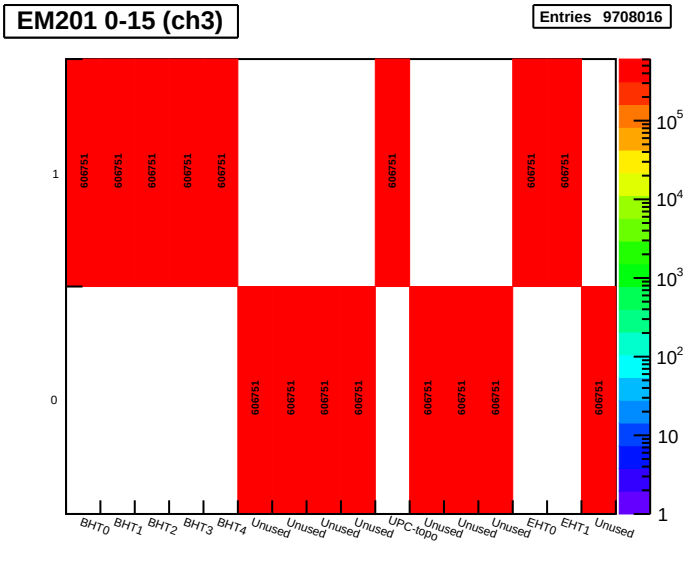

ST201 0-15 (ch6)
Entries 9708016
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606750
606731
1
20
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

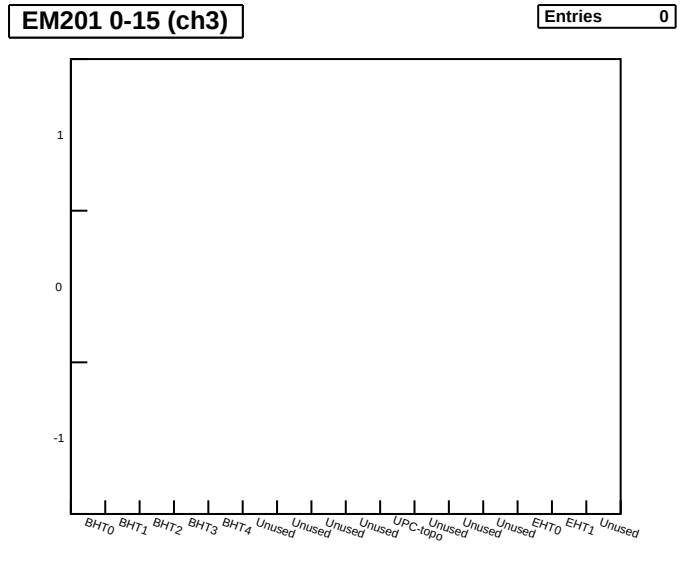

TF201 0-15 (ch0)
Entries 9708016
606751
600416
537322
520206
405828
502228
502123
498293
606751
606751
606751
606751
606751
6335
69429
86545
200923
606751
104523
104628
108458
606751
1
0
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 9708016
149686
369977
517965
446901
601040
599467
689
8735
9527
265
551113
594100
253102
301341
469634
457065
236774
88786
159850
5711
7284
606062
598016
597224
606486
606751
55638
12651
353649
305410
137117
1
0
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 9708016
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
606751
1
0
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