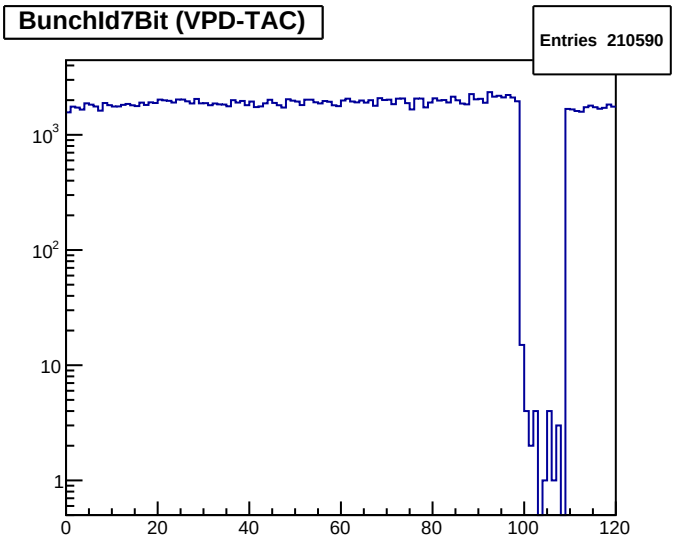
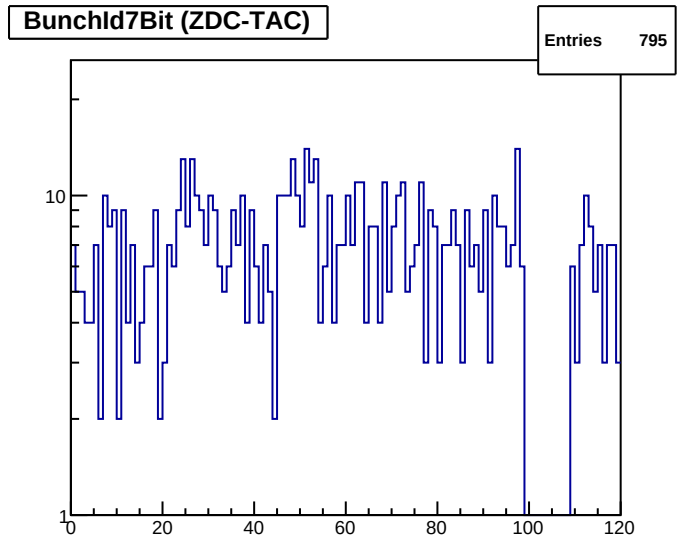
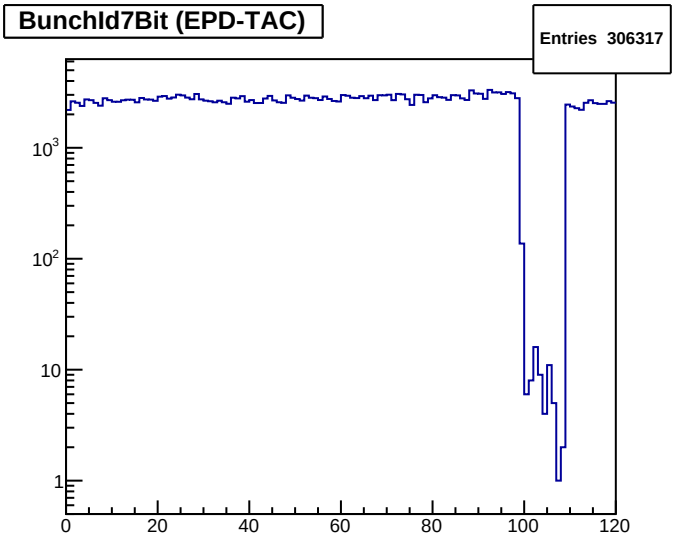
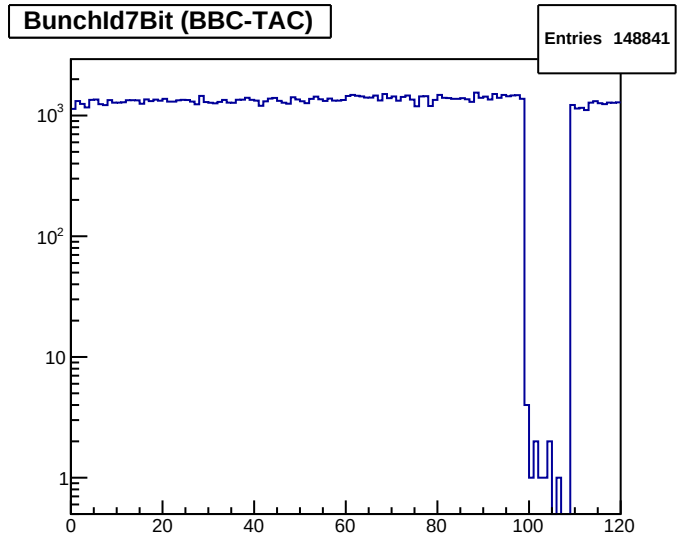
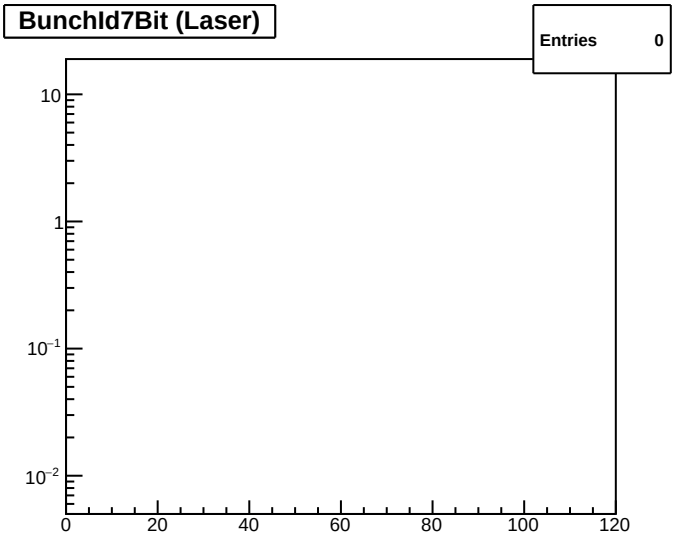
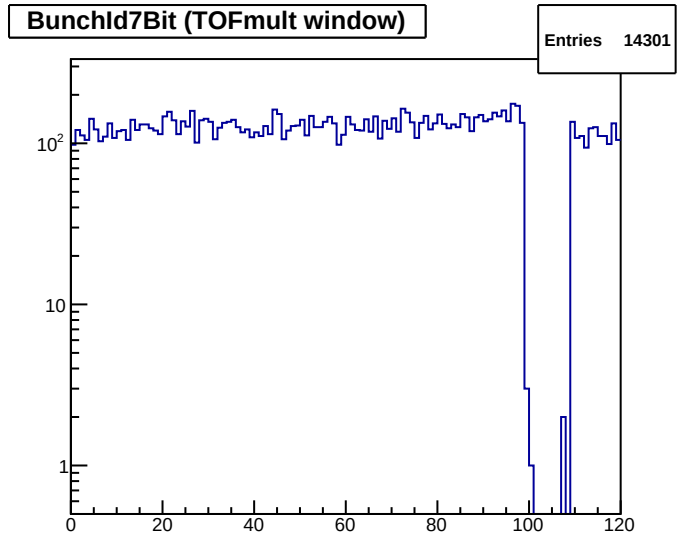

BunchId7Bit (VPD-TAC)
Entries 210590

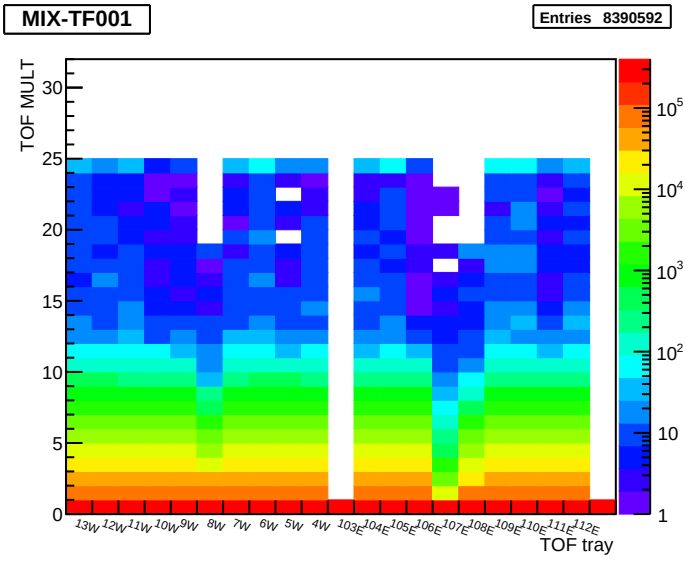

BunchId7Bit (ZDC-TAC)
Entries 795

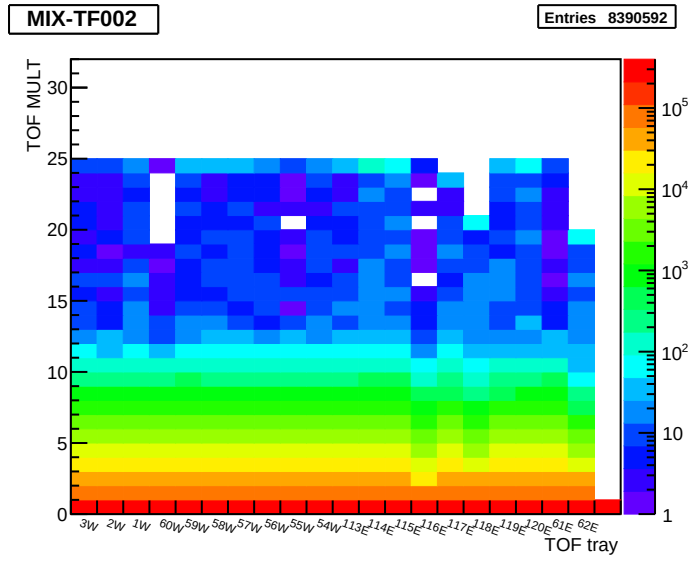

BunchId7Bit (EPD-TAC)
Entries 306317

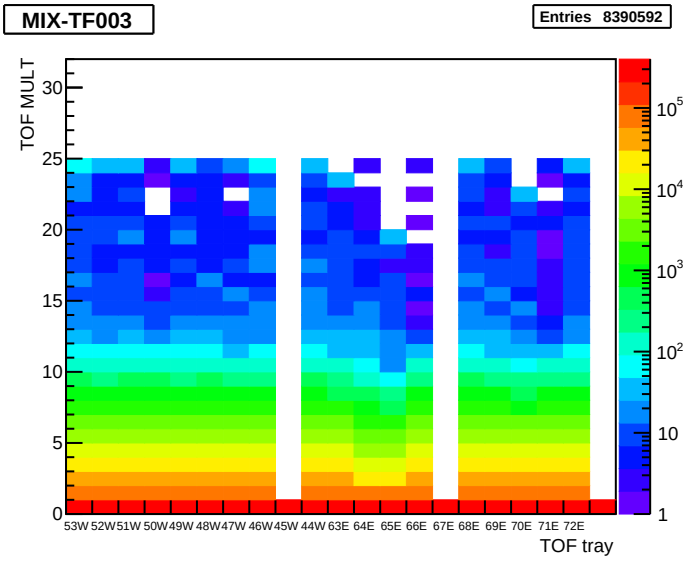

BunchId7Bit (BBC-TAC)
Entries 148841

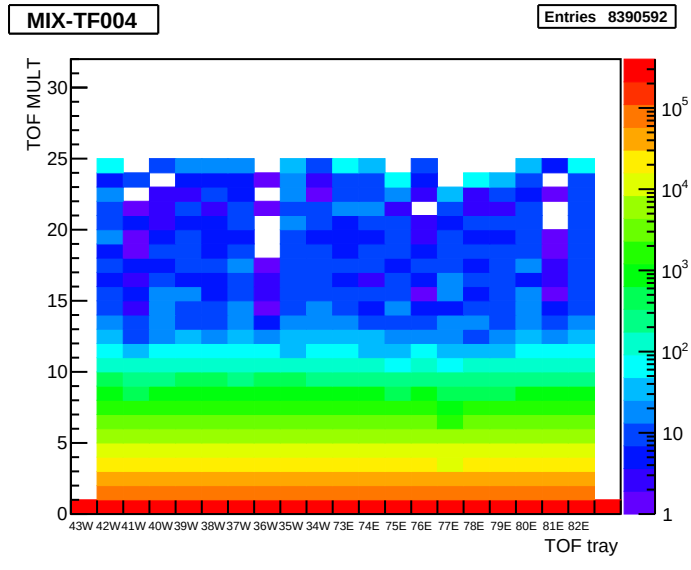

BunchId7Bit (Laser)
Entries 0

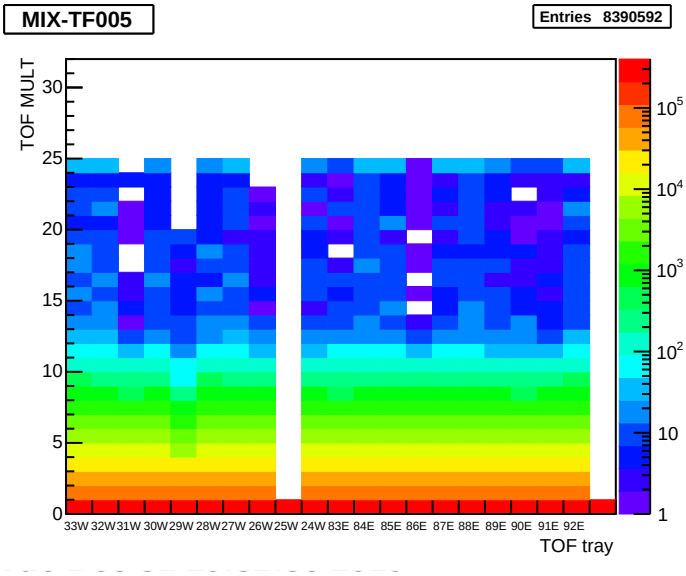

BunchId7Bit (TOFmult window)
Entries 14301

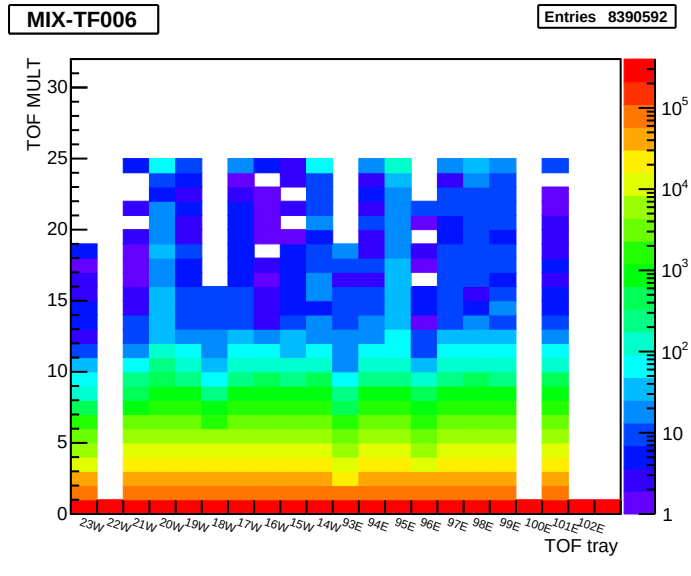

MIX-TF001
Entries 8390592
TOF MULT
TOF tray

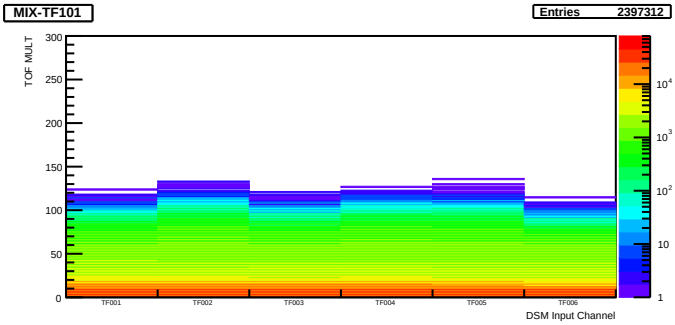

MIX-TF002
Entries 8390592
TOF MULT
TOF tray

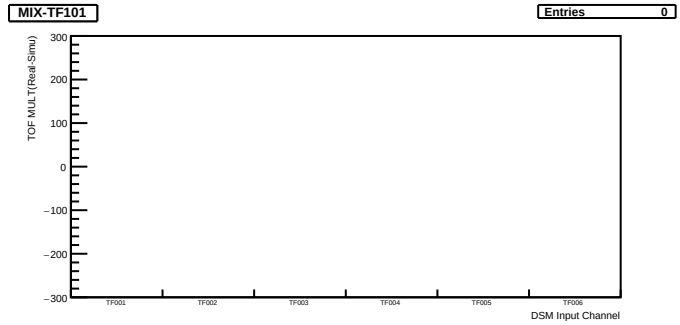

MIX-TF003
Entries 8390592
TOF MULT
TOF tray

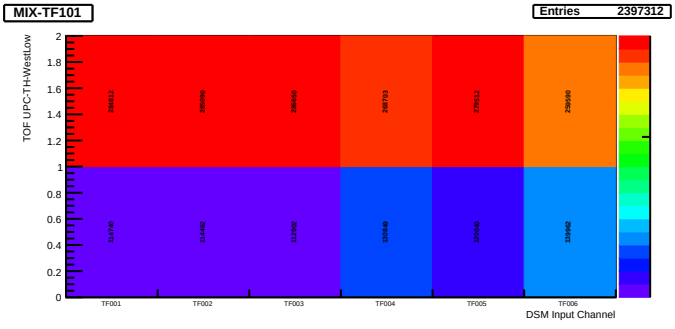

MIX-TF004
Entries 8390592
TOF MULT
TOF tray

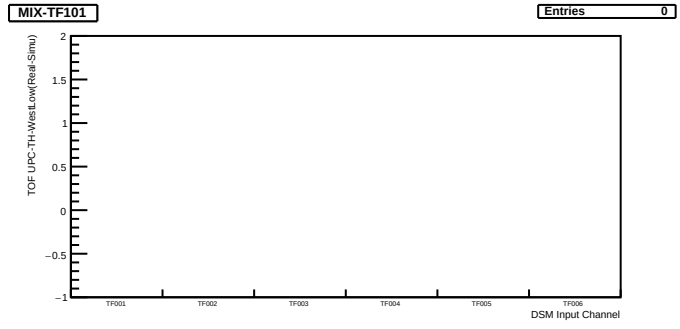

MIX-TF005
Entries 8390592
TOF MULT
TOF tray

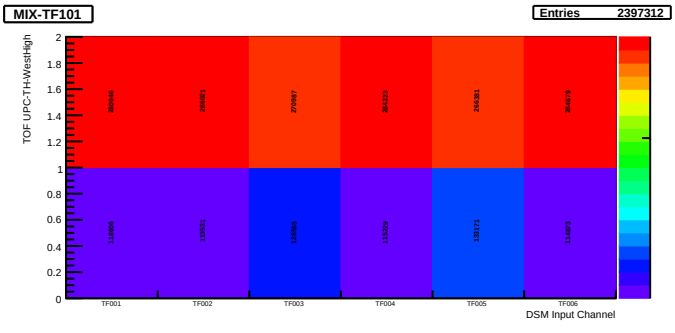

MIX-TF006
Entries 8390592
TOF MULT
TOF tray

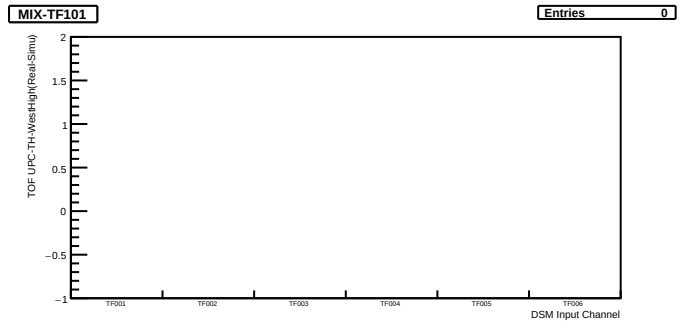

MIX-TF101
Entries 2397312
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

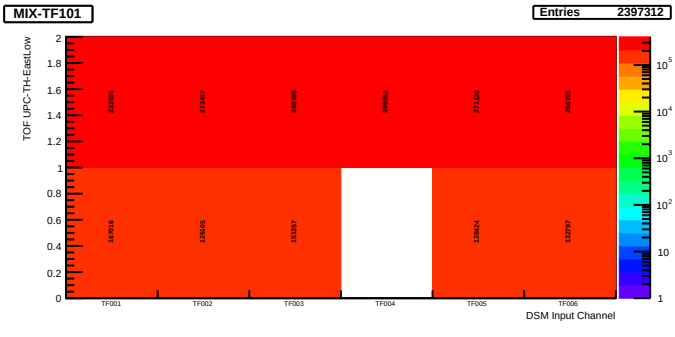

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

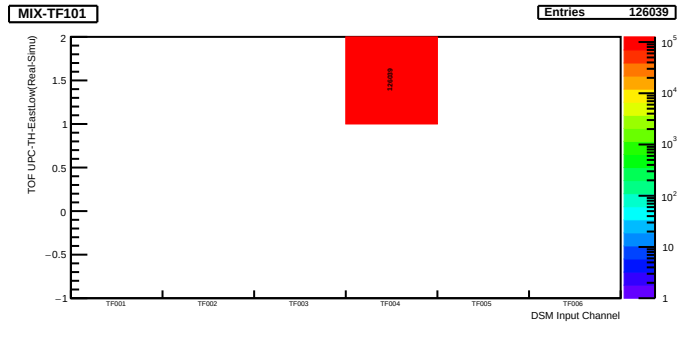

MIX-TF101
Entries 2397312
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

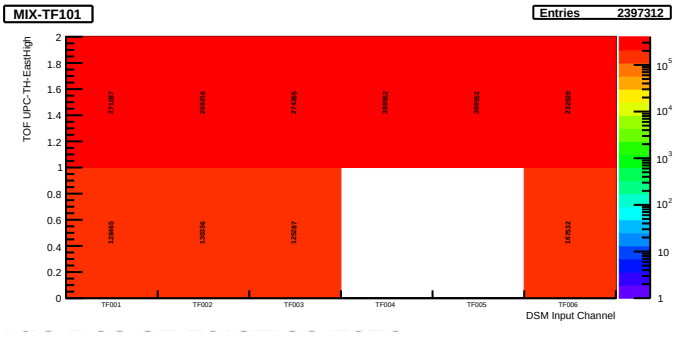

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

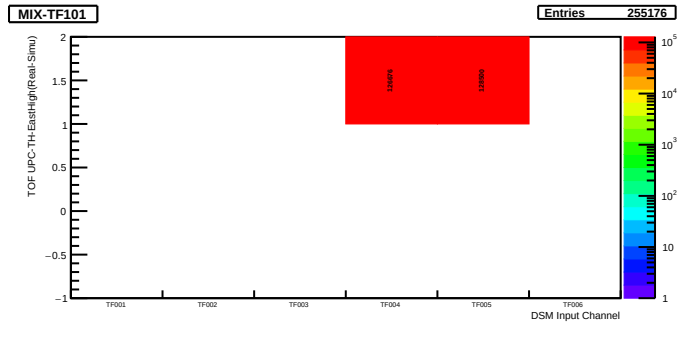

MIX-TF101
Entries 2397312
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

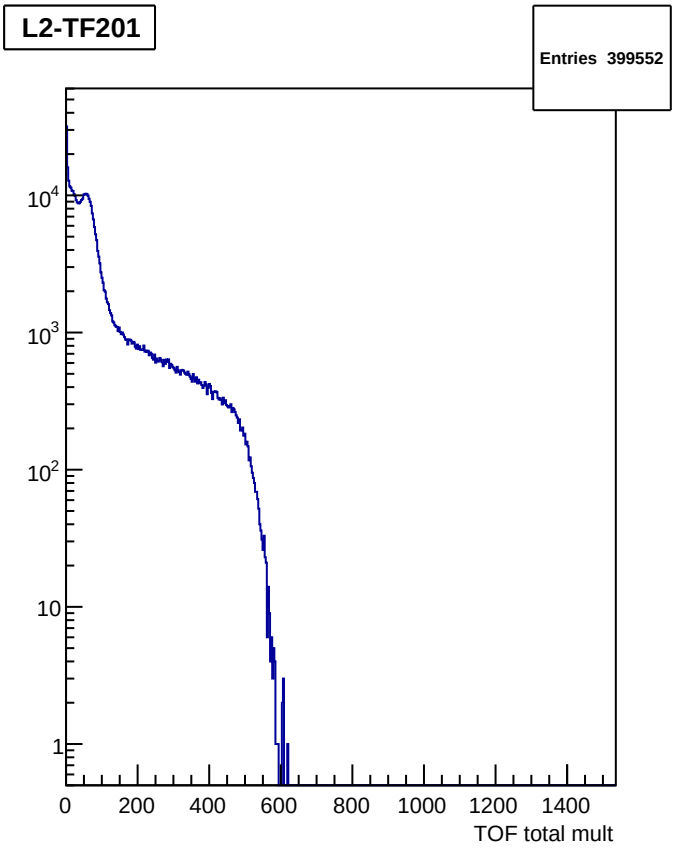

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

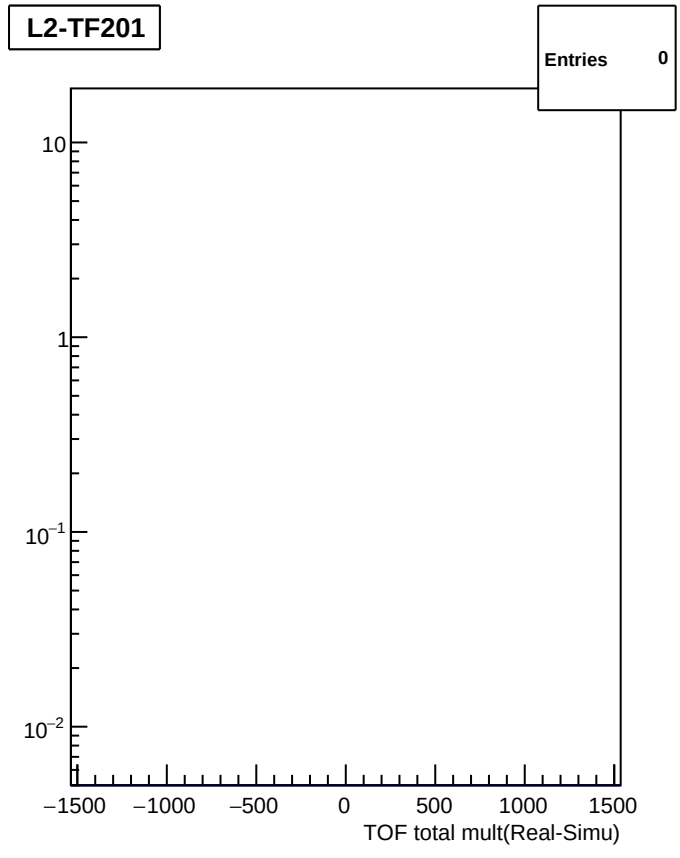

MIX-TF101
Entries 2397312
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

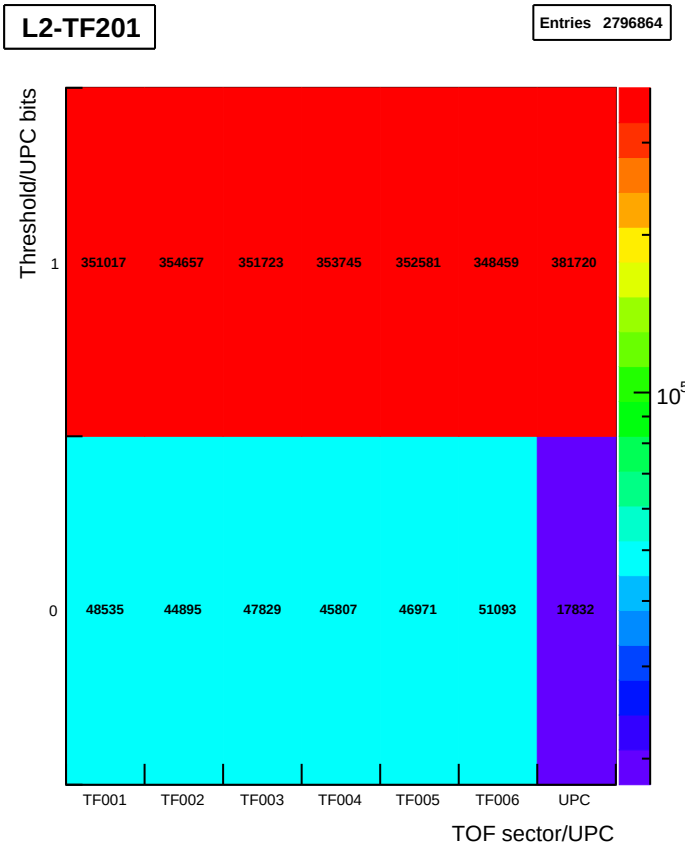

MIX-TF101
Entries 126039
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

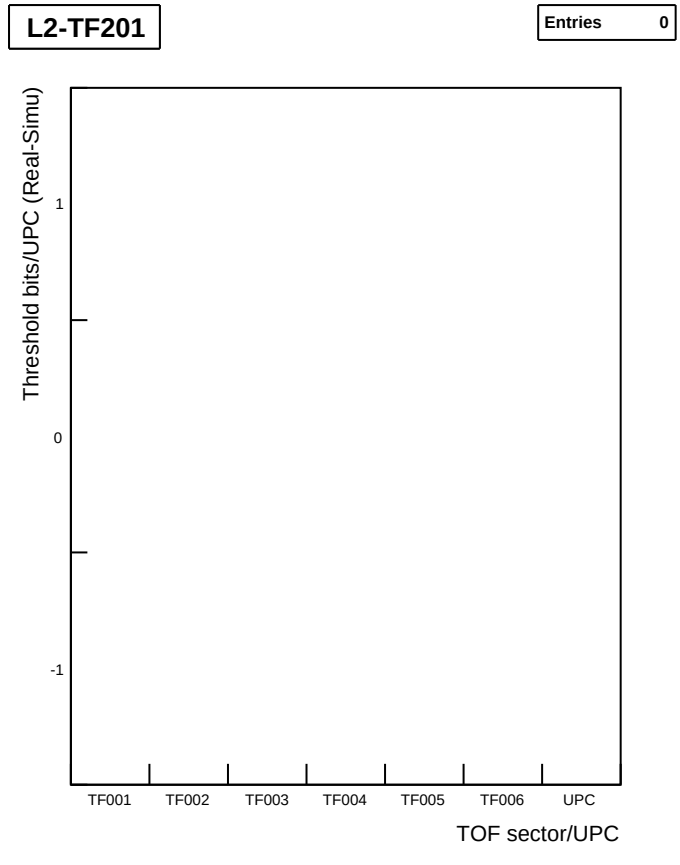

MIX-TF101
Entries 2397312
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

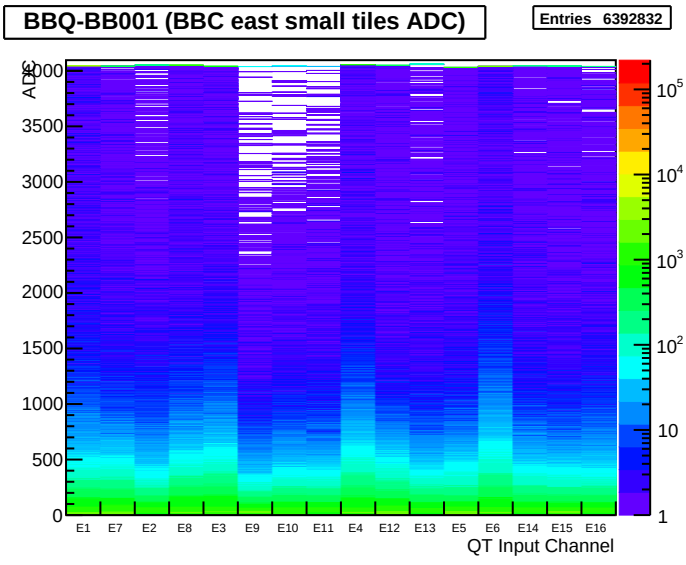

MIX-TF101
Entries 255176
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

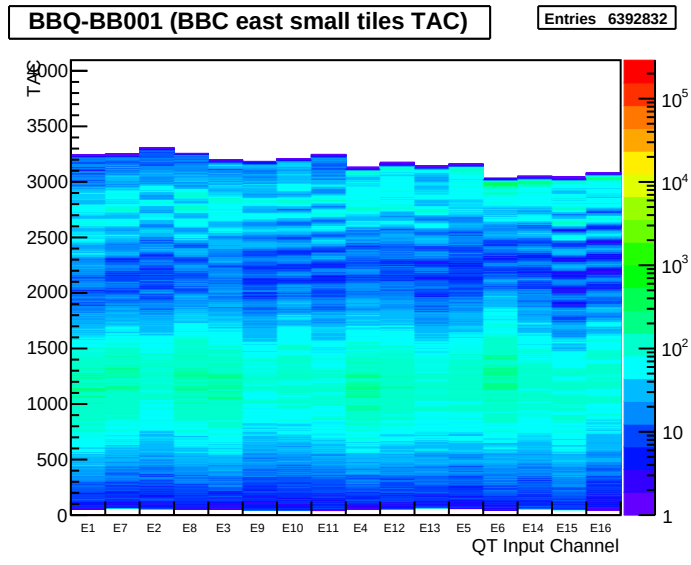

L2-TF201
Entries 399552
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

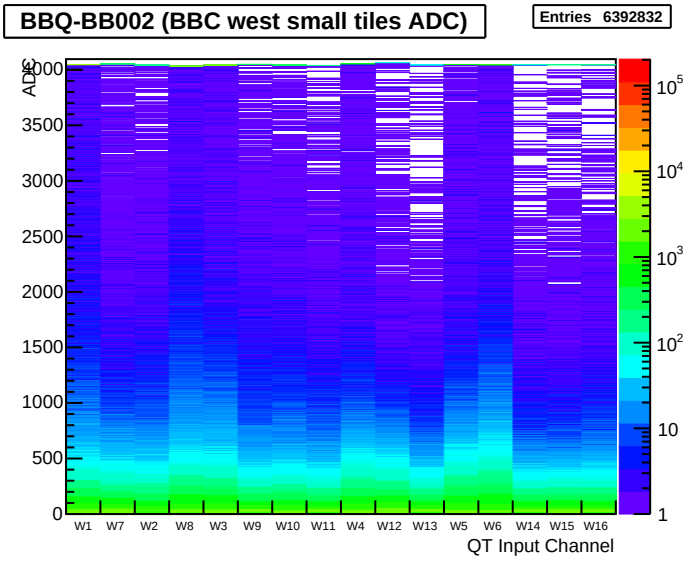

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

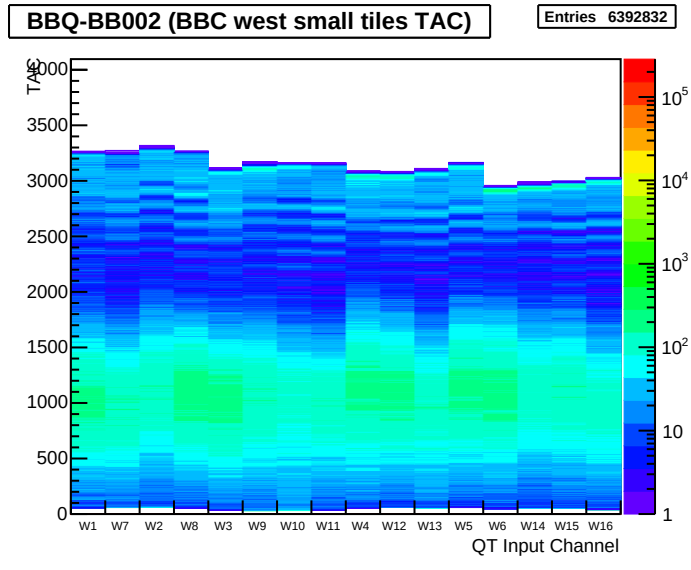

L2-TF201
Entries 2796864
Threshold/UPC bits
1
0
351017
354657
351723
353745
352581
348459
381720
48535
44895
47829
45807
46971
51093
17832
10^5
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

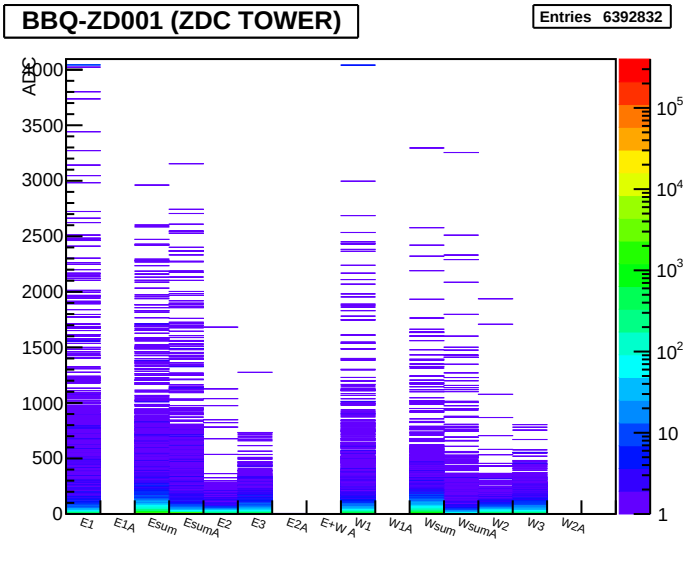

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

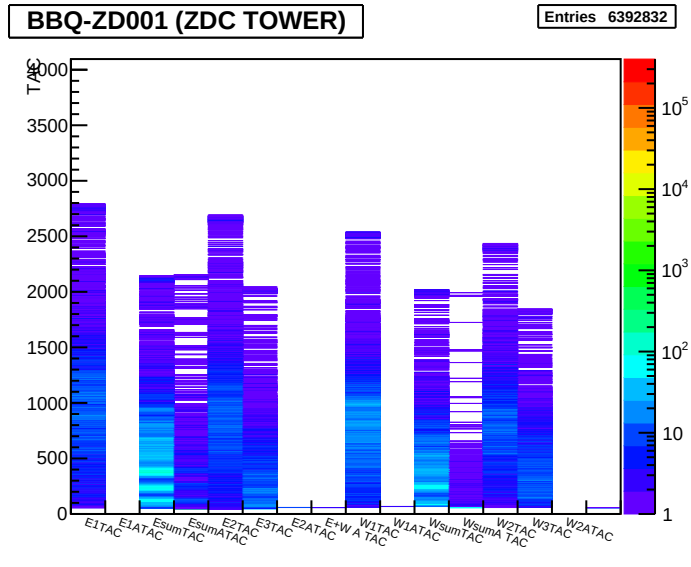

BBQ-BB001 (BBC east small tiles ADC)
Entries 6392832
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

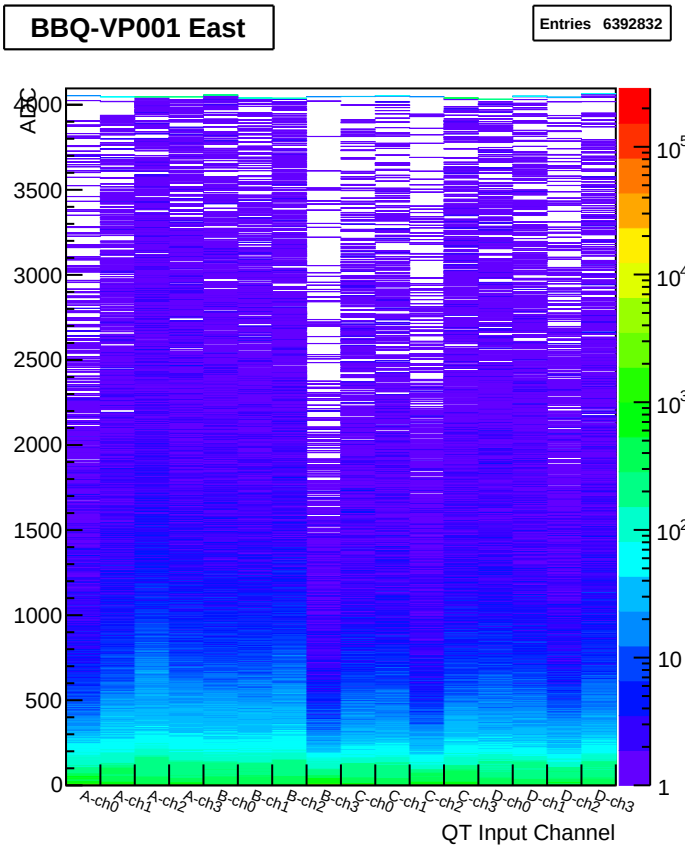

BBQ-BB001 (BBC east small tiles TAC)
Entries 6392832
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

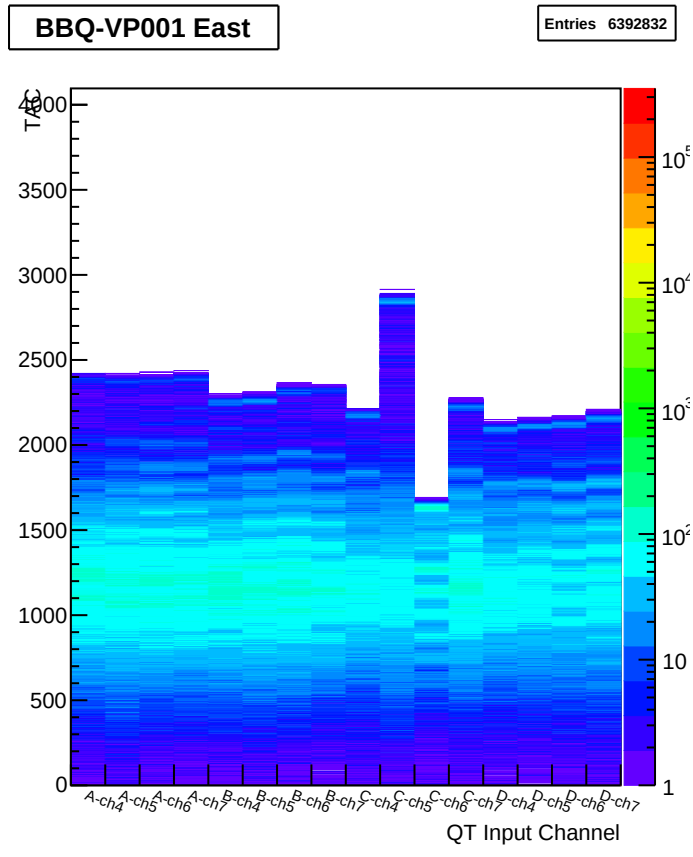

BBQ-BB002 (BBC west small tiles ADC)
Entries 6392832
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

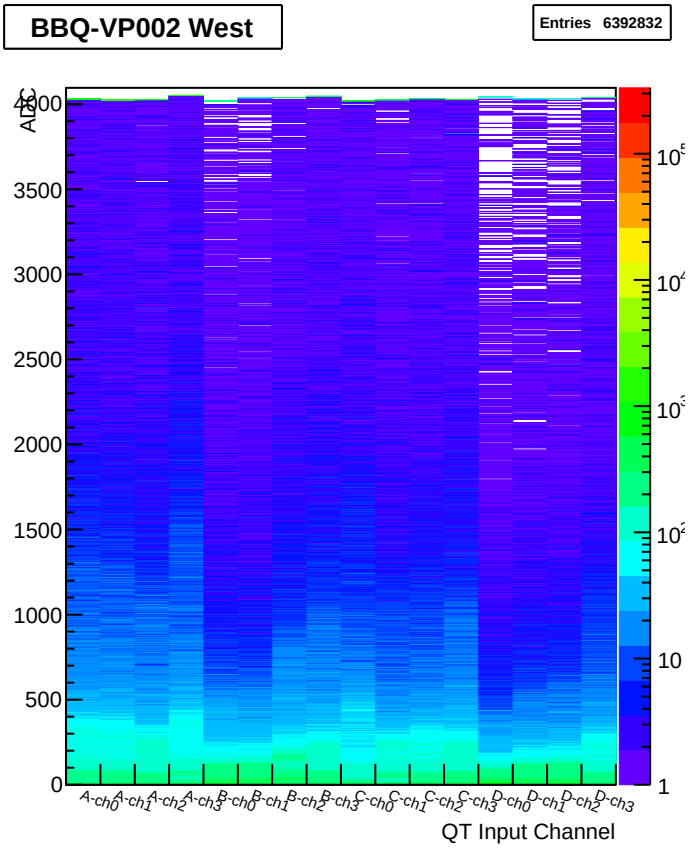

BBQ-BB002 (BBC west small tiles TAC)
Entries 6392832
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

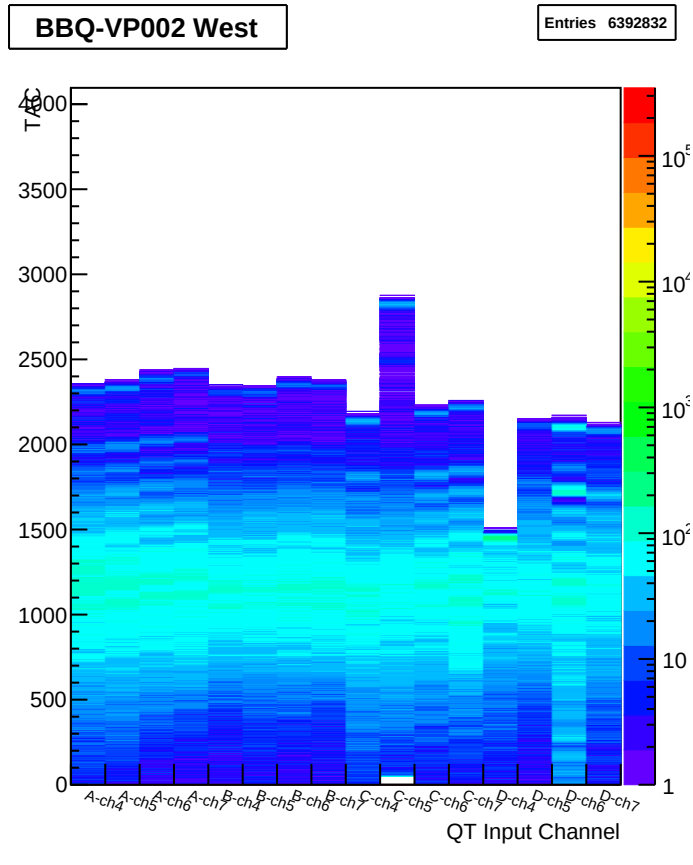

BBQ-ZD001 (ZDC TOWER)
Entries 6392832
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

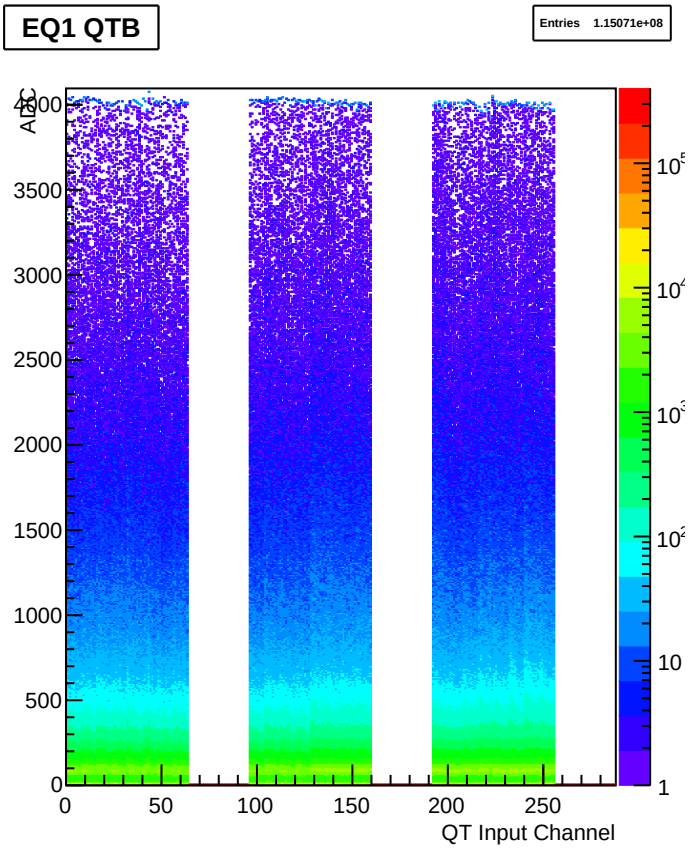

BBQ-ZD001 (ZDC TOWER)
Entries 6392832
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

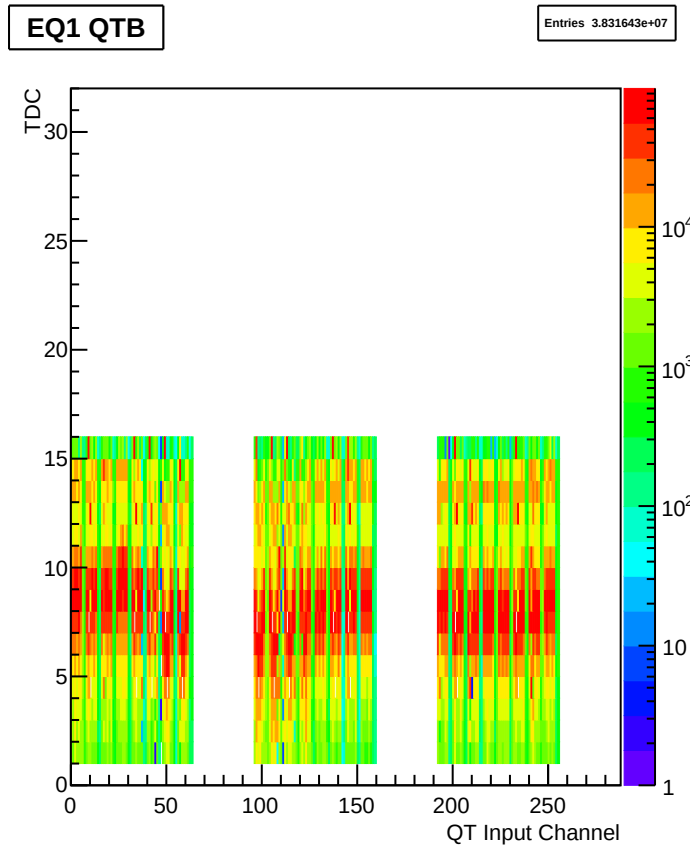

BBQ-VP001 East
Entries 6392832
ADC
QT Input Channel

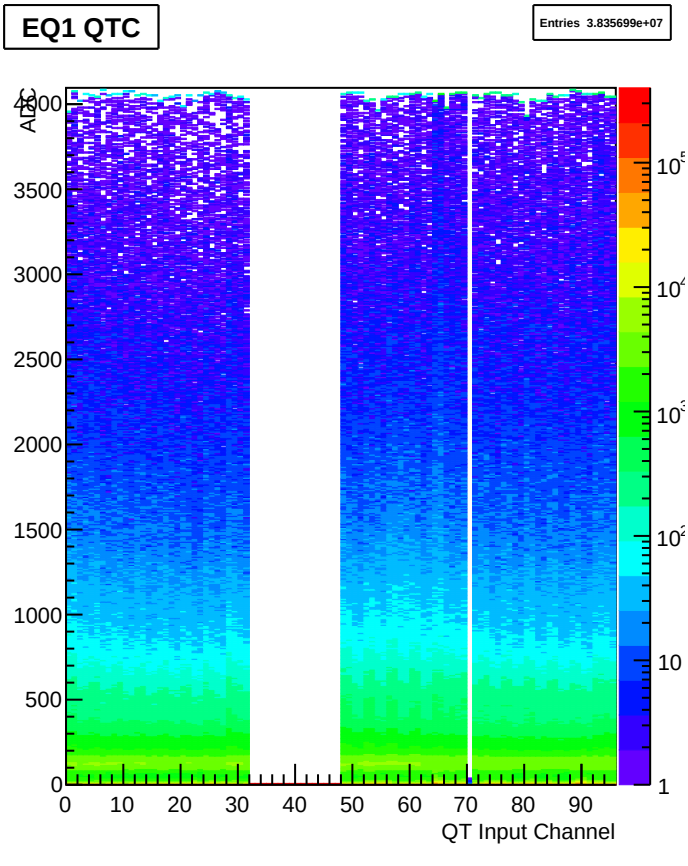

BBQ-VP001 East
Entries 6392832
ADC
QT Input Channel

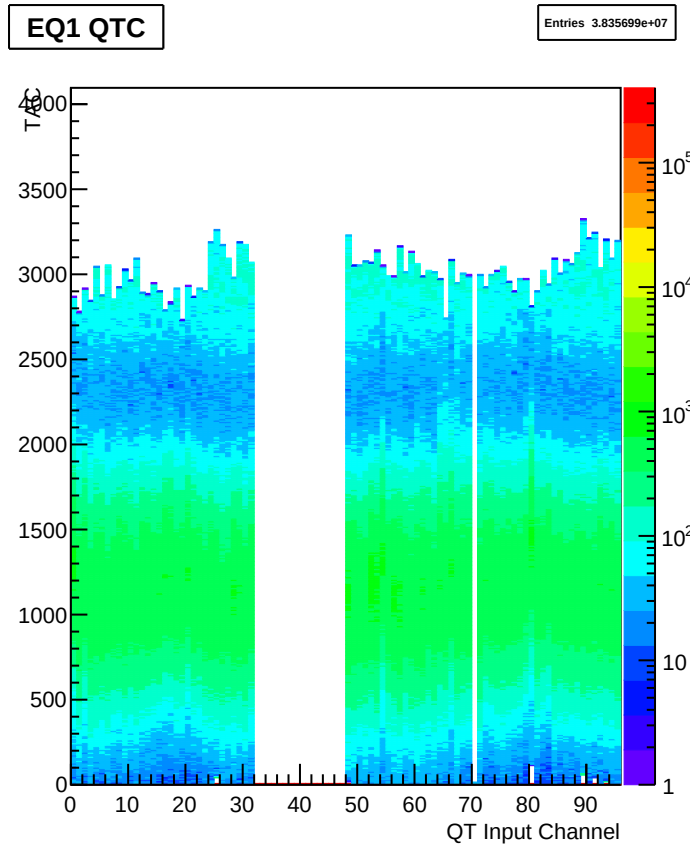

BBQ-VP002 West
Entries 6392832
ADC
QT Input Channel

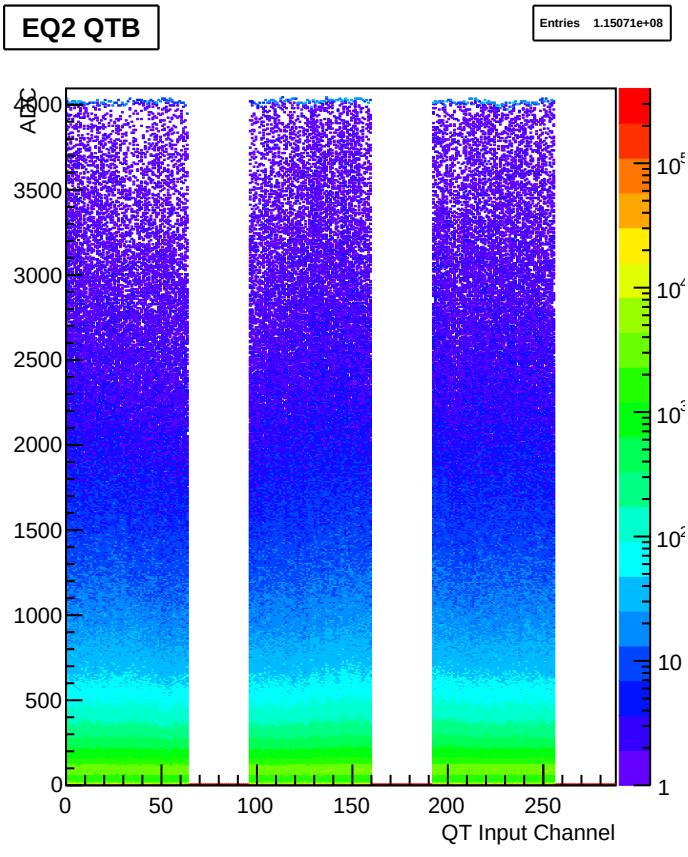

BBQ-VP002 West
Entries 6392832
ADC
QT Input Channel

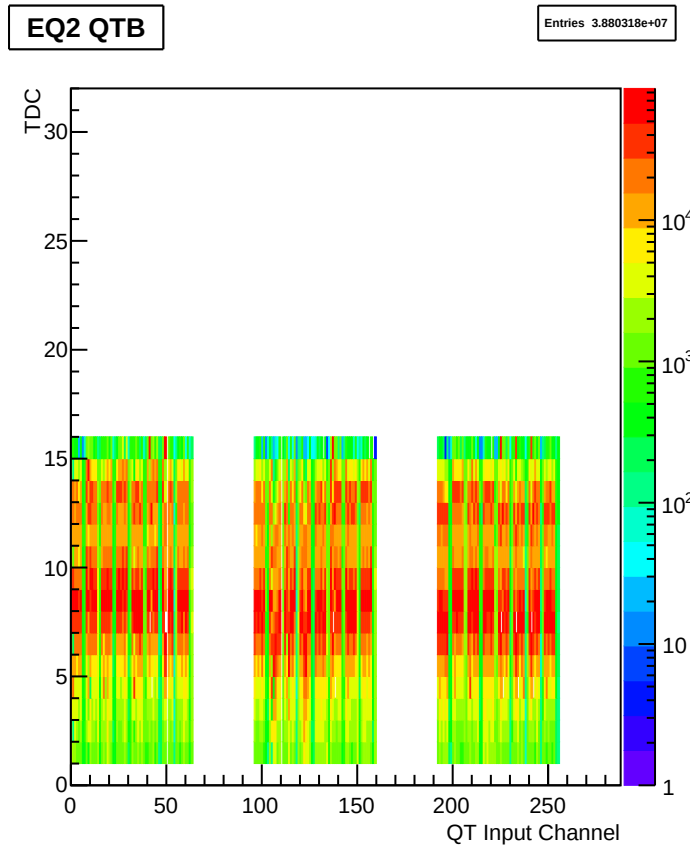

EQ1 QTB
Entries 1.15071e+08
ADC
QT Input Channel

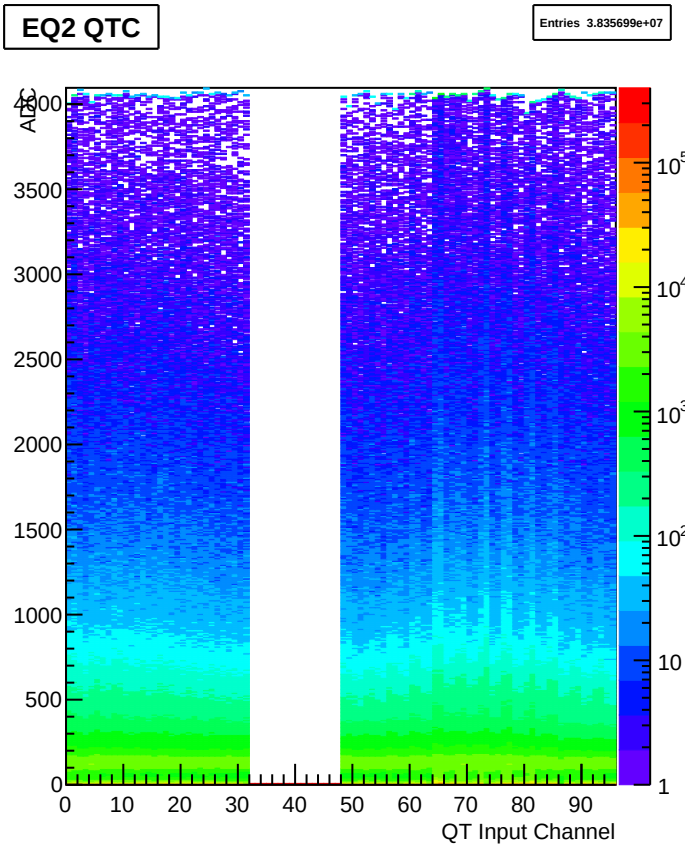

EQ1 QTB
Entries 3.831643e+07
TDC
QT Input Channel

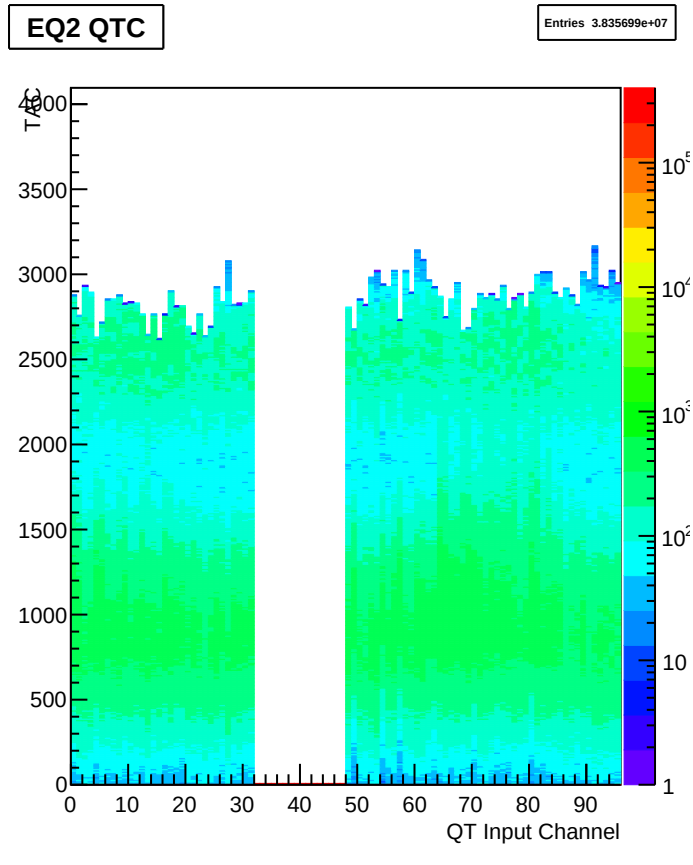

EQ1 QTC
Entries 3.835699e+07
ADC
QT Input Channel

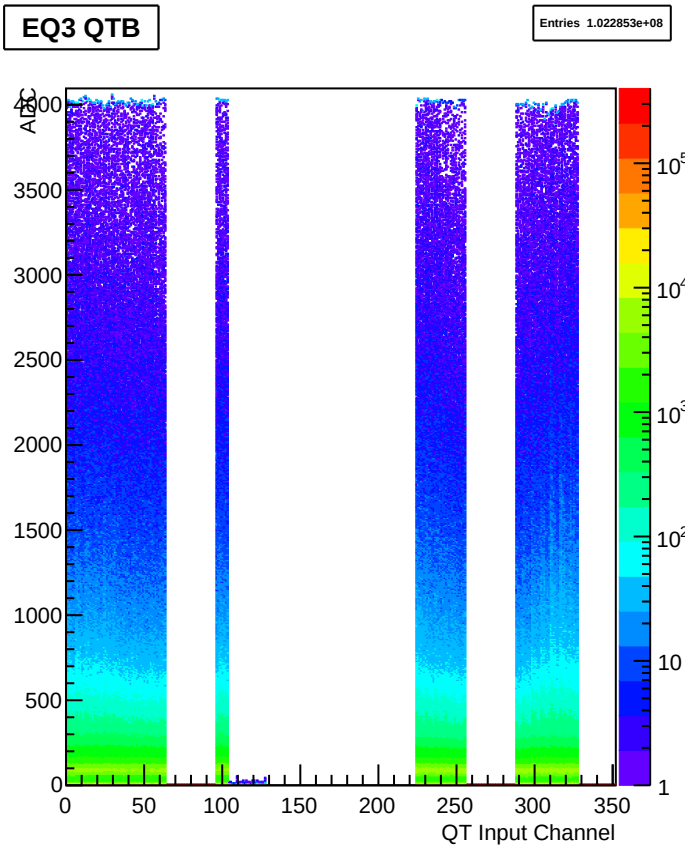

EQ1 QTC
Entries 3.835699e+07
TADC
QT Input Channel

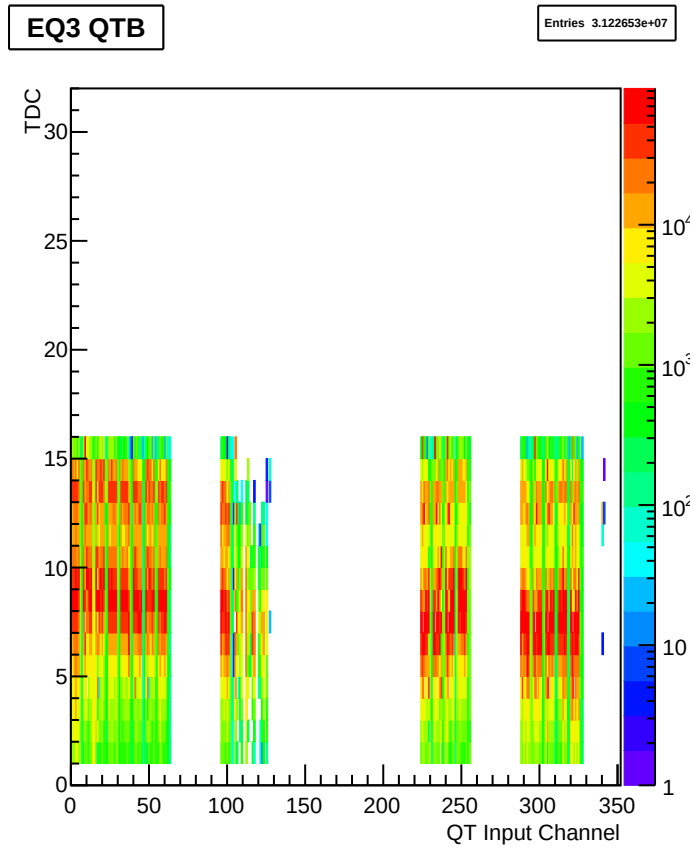

EQ2 QTB
Entries 1.15071e+08
ADC
QT Input Channel

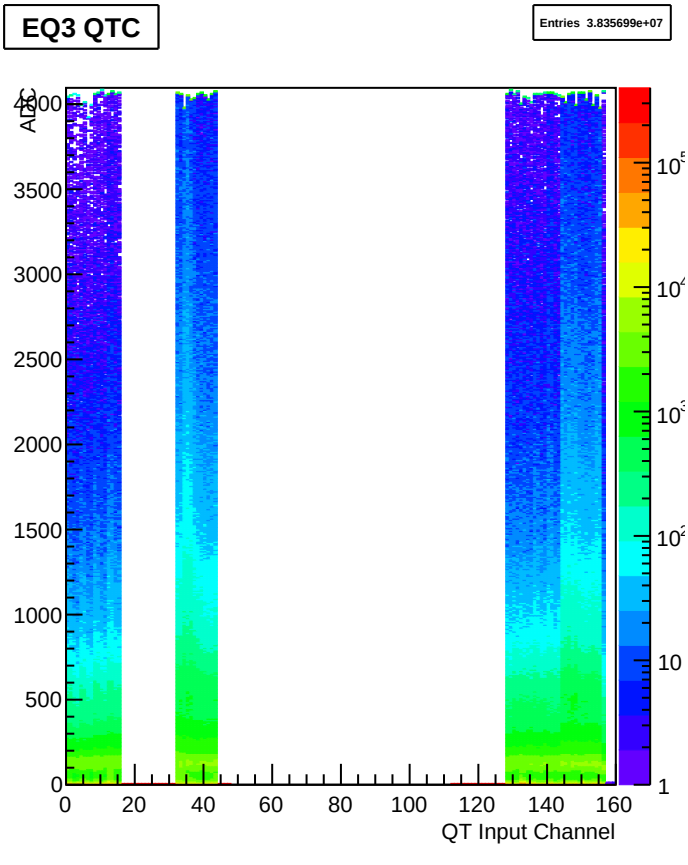

EQ2 QTB
Entries 3.880318e+07
TDC
QT Input Channel

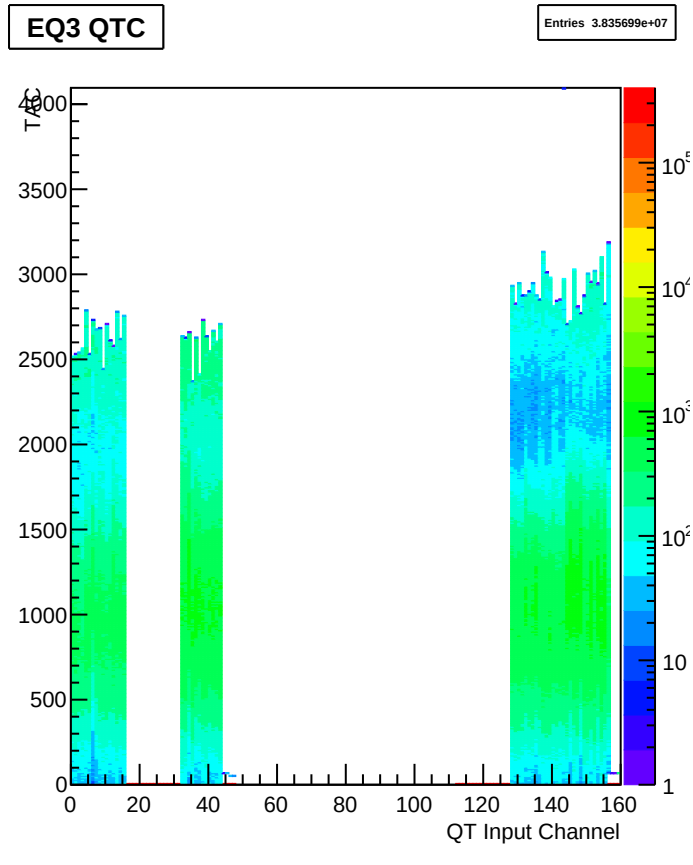

EQ2 QTC
Entries 3.835699e+07
ADC
QT Input Channel

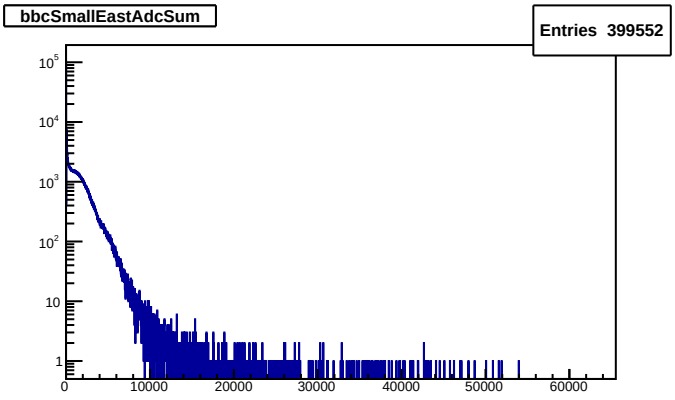

EQ2 QTC
Entries 3.835699e+07
TADC
QT Input Channel

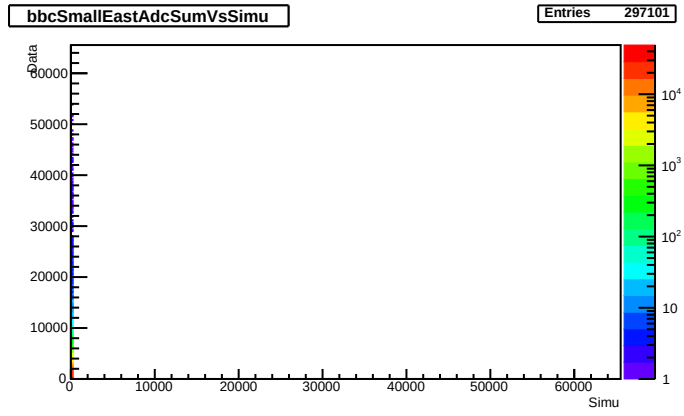

EQ3 QTB
Entries 1.022853e+08
ADC
QT Input Channel

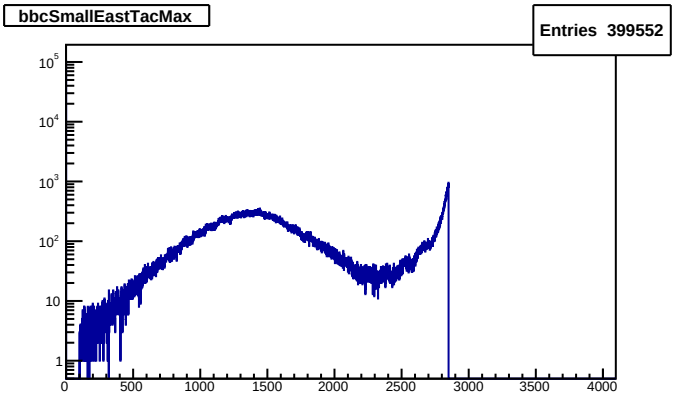

EQ3 QTB
Entries 3.122653e+07
TDC
QT Input Channel

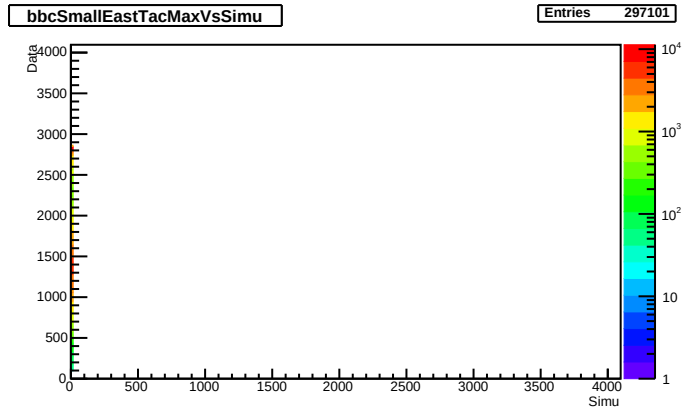

EQ3 QTC
Entries 3.835699e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.835699e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 399552


bbcSmallEastAdcSumVsSimu
Entries 297101
Data
Simu


bbcSmallEastTacMax
Entries 399552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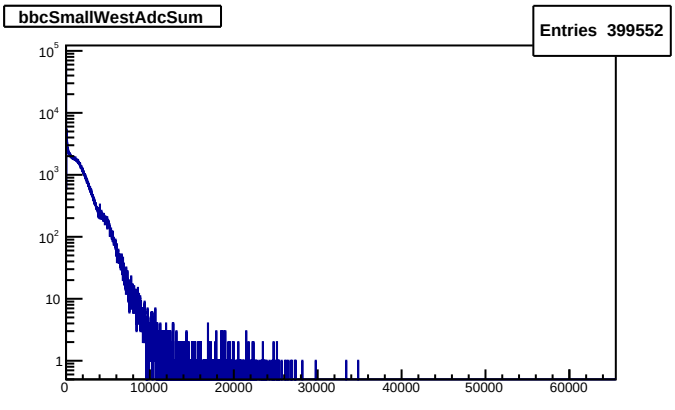
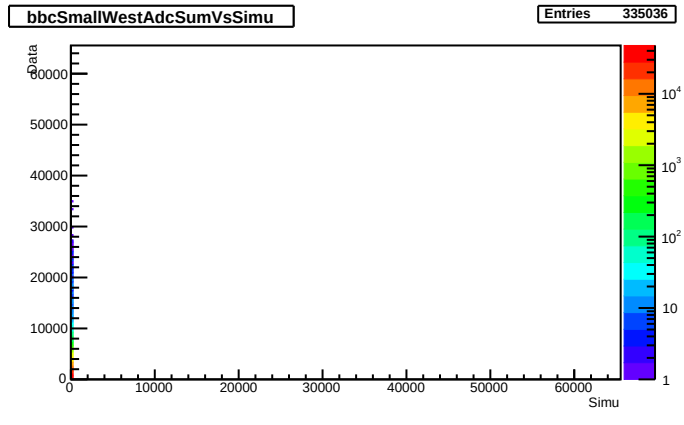
Entries 297101
Data
Simu


bbcSmallWestAdcSum
Entries 399552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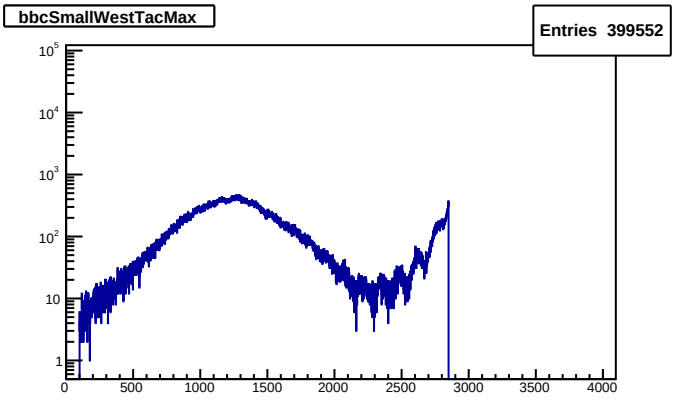
Entries 335036
Data
Simu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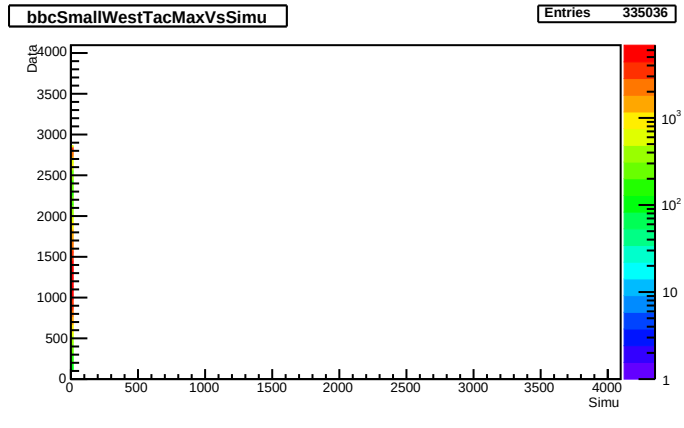
Entries 399552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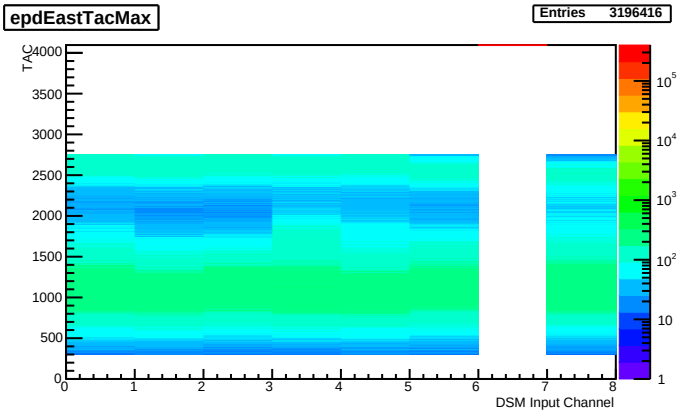
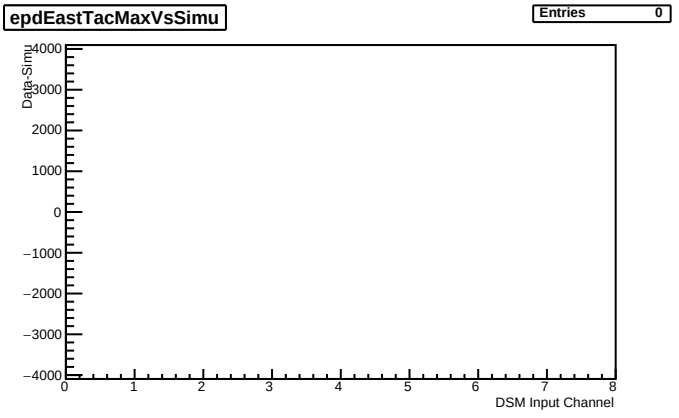
Entries 335036
Data
Simu


epdEastTacMax
Entries 3196416
TAC
DSM Input Channel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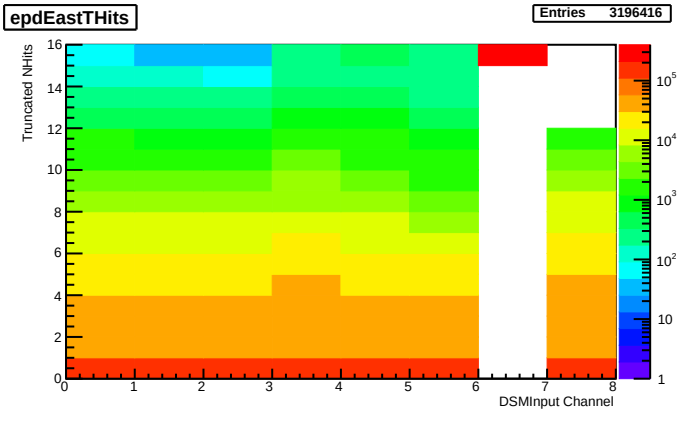
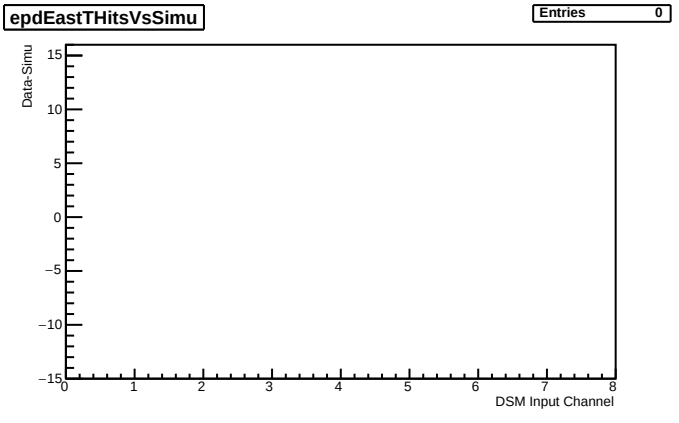
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3196416
Truncated NHits
DSMInput Channel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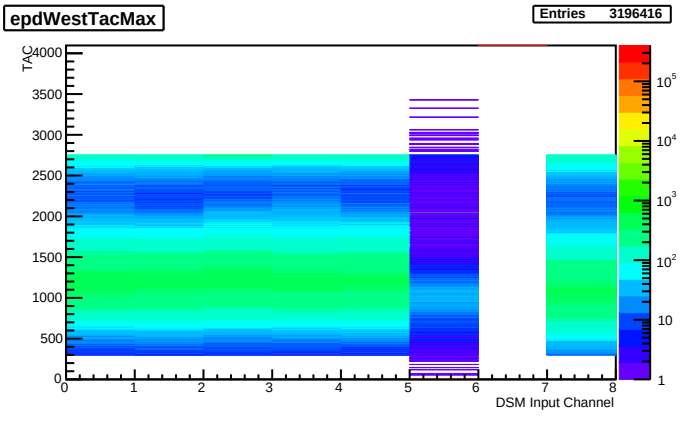
Data-Simu
DSM Input Channel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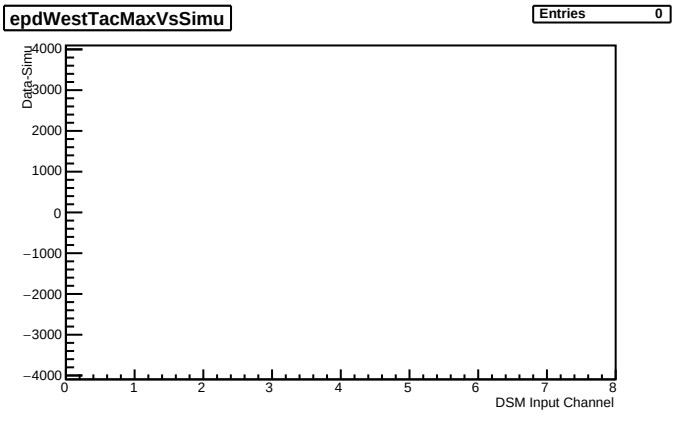
TAC
DSM Input Channel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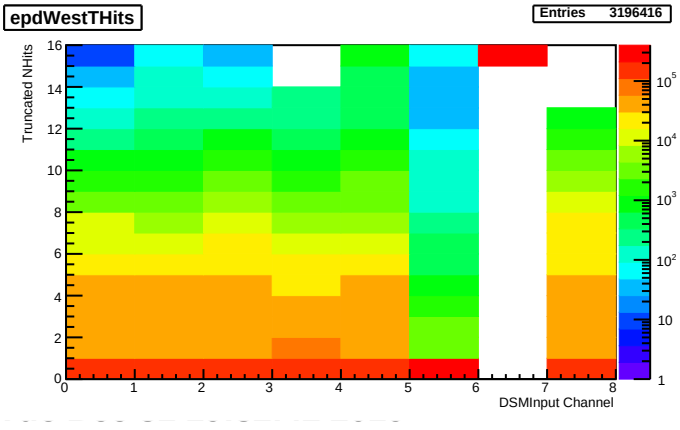
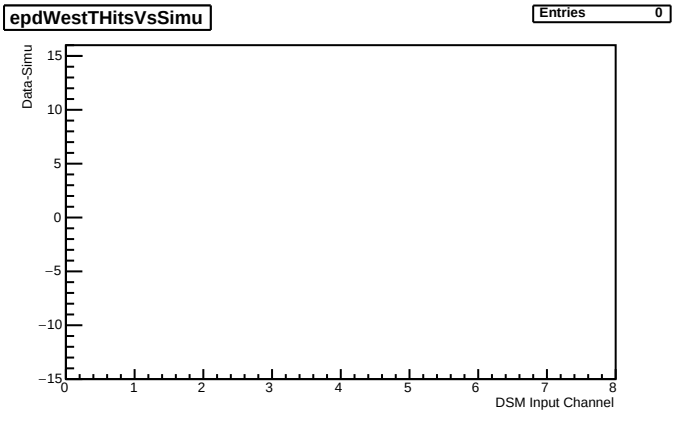
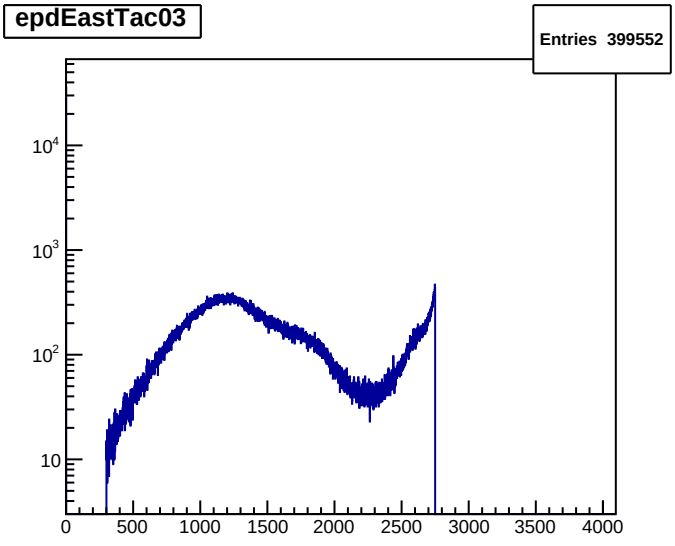
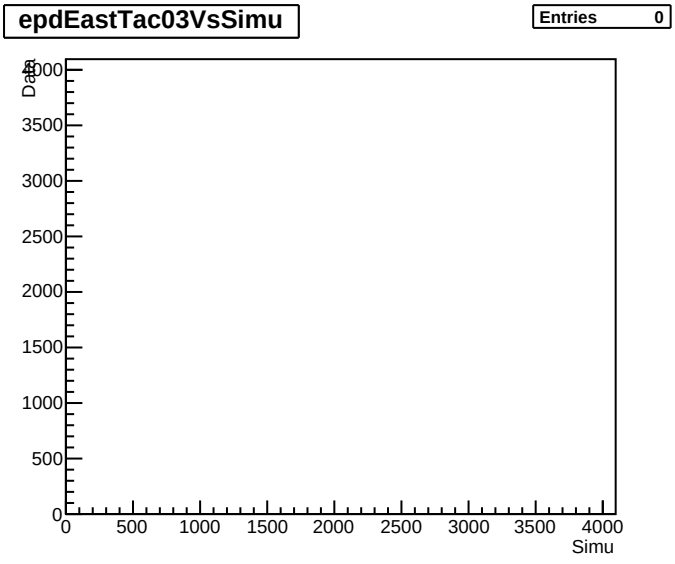
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3196416
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 399552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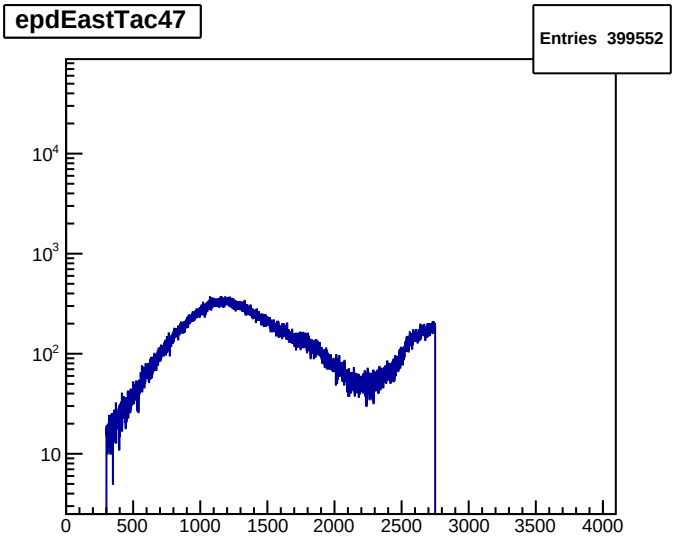
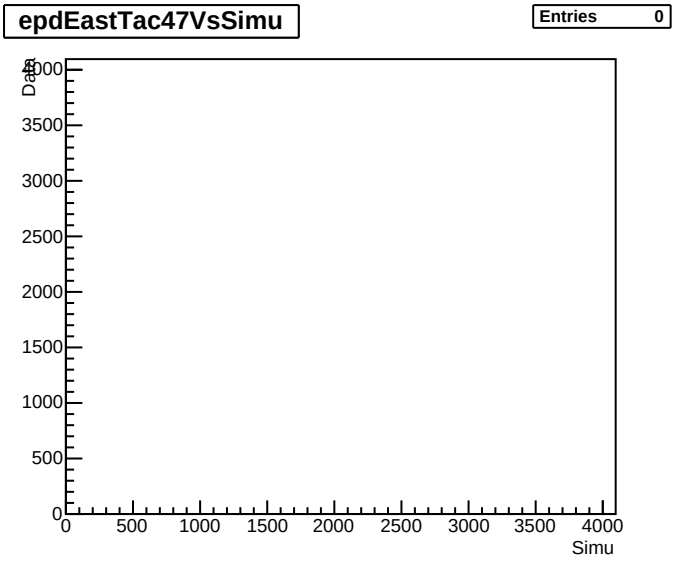
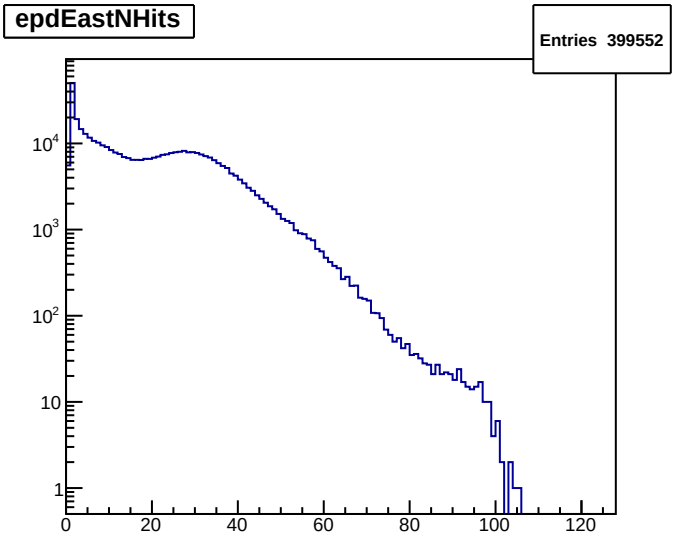
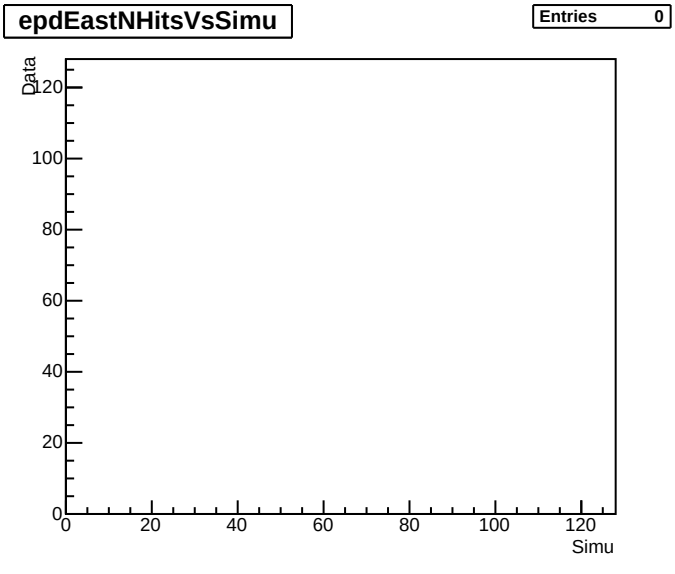
Entries 0
Data
Simu


epdEastTac47
Entries 399552


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 399552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Data
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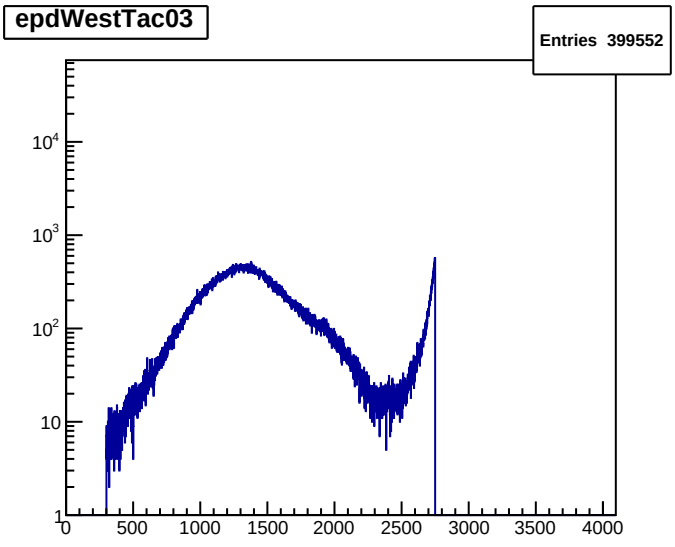
epdWestTac03
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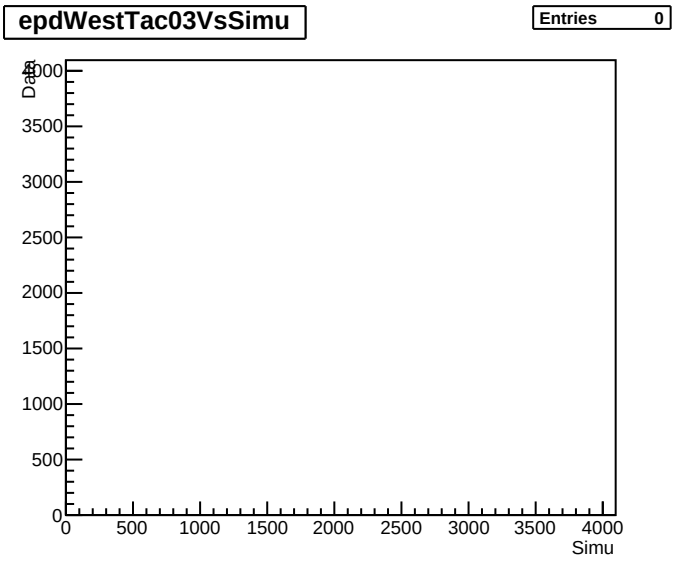
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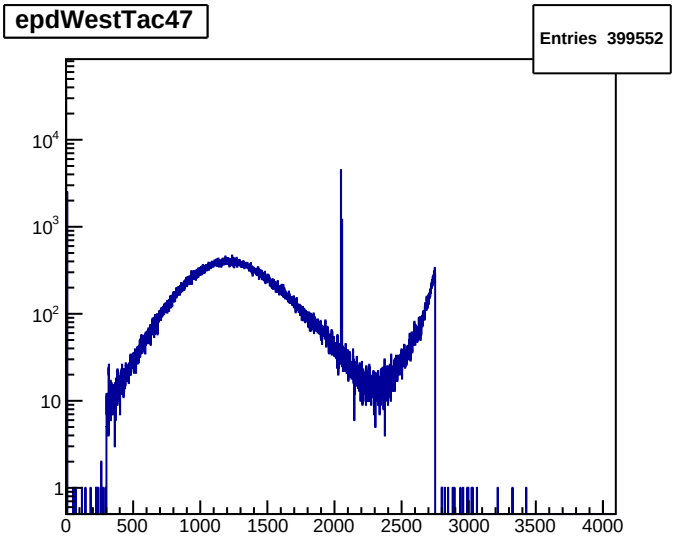
Data
Simu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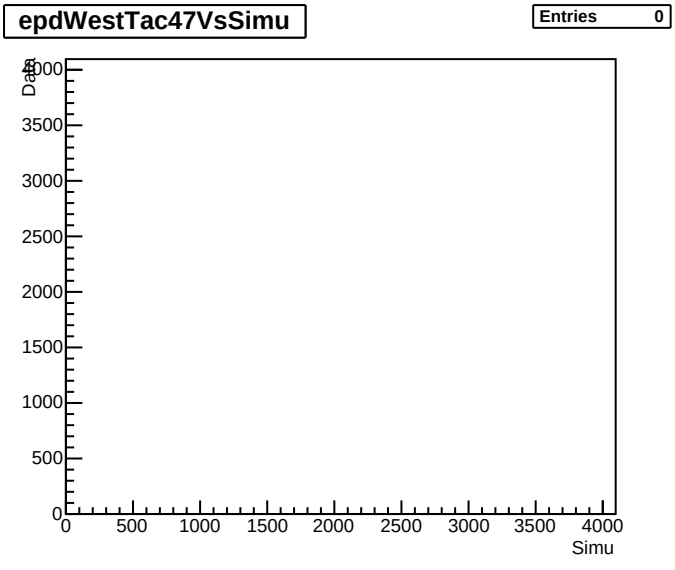
Entries 399552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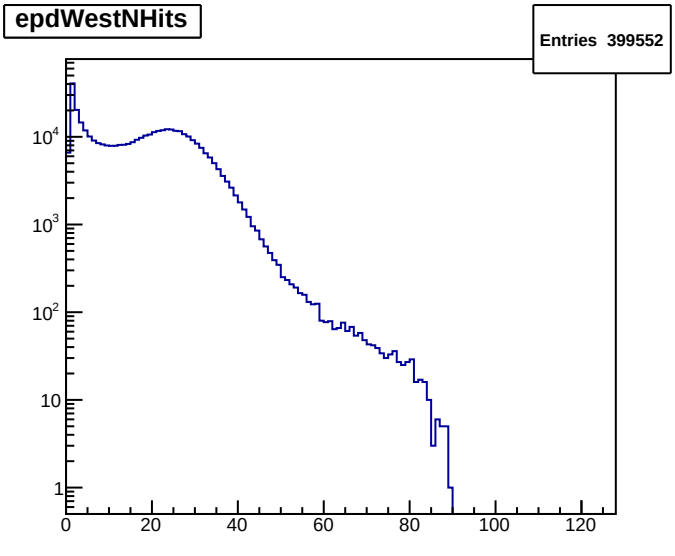
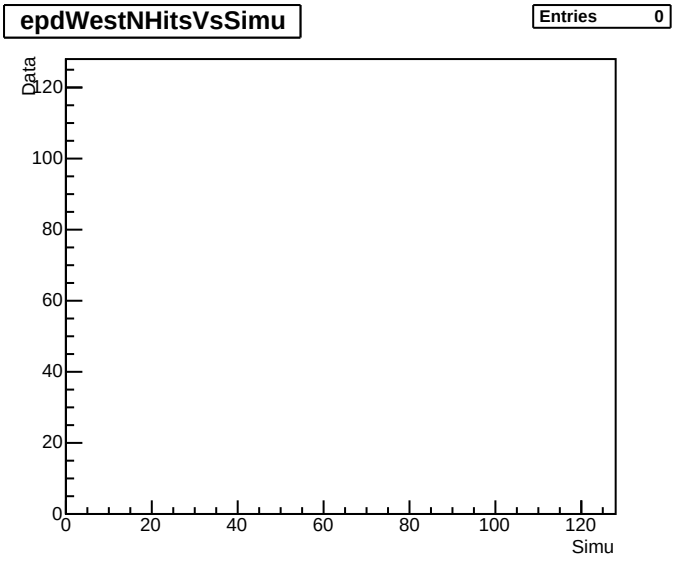
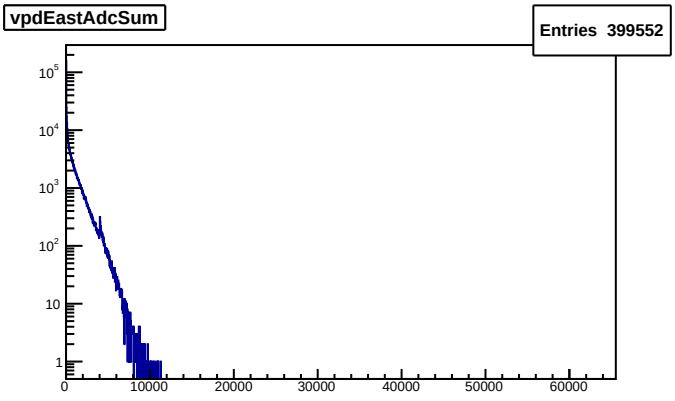
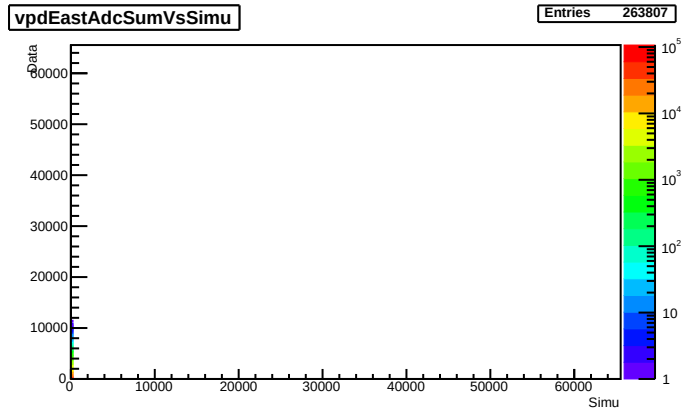
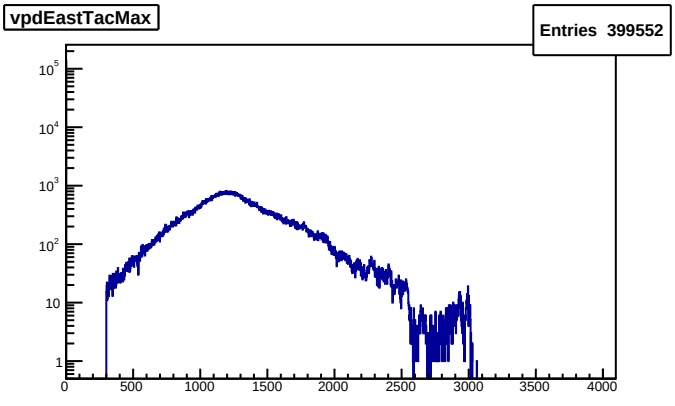
Entries 0
Data
Simu

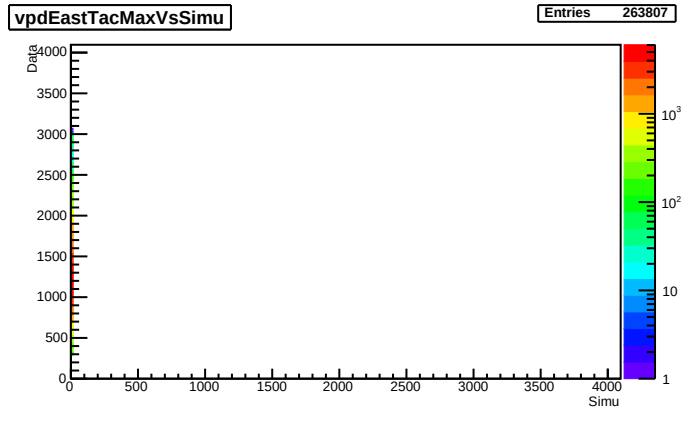

epdWestNHits
Entries 399552

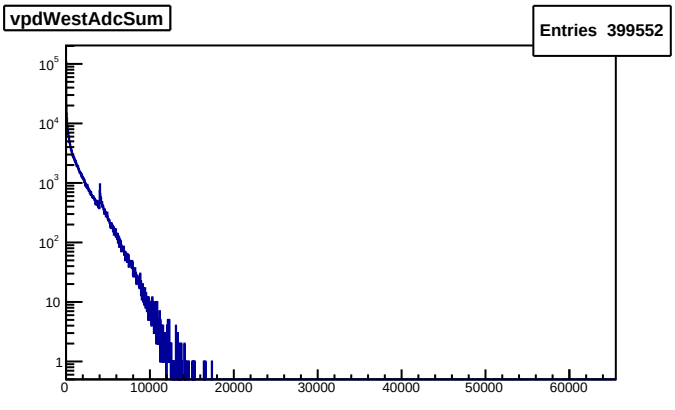

epdWestNHitsVsSimu
Entries 0
Data
Simu

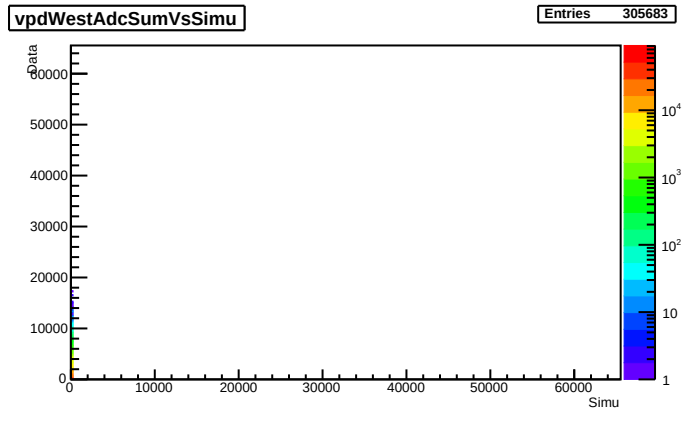

vpdEastAdcSum
Entries 399552

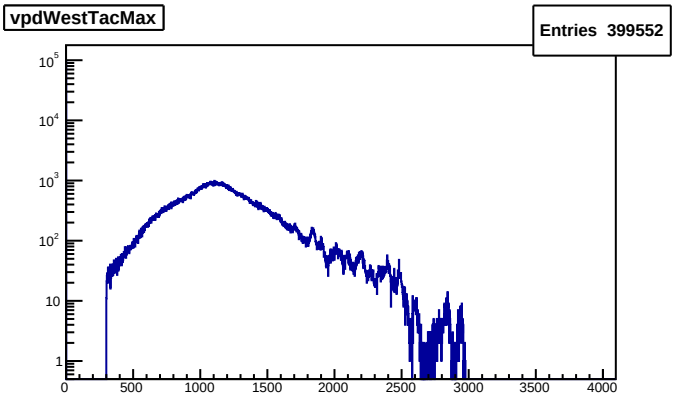

vpdEastAdcSumVsSimu
Entries 263807
Data
Simu

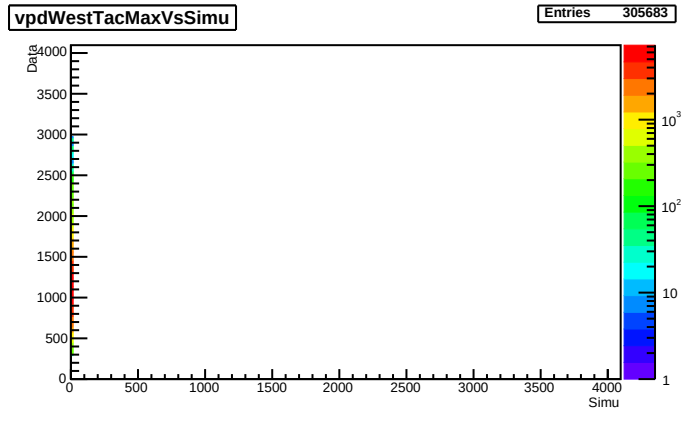

vpdEastTacMax
Entries 399552

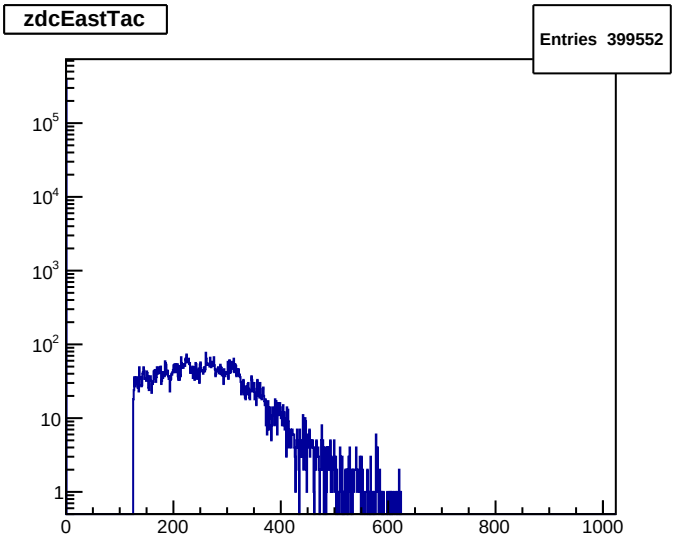

vpdEastTacMaxVsSimu
Entries 263807
Data
Simu

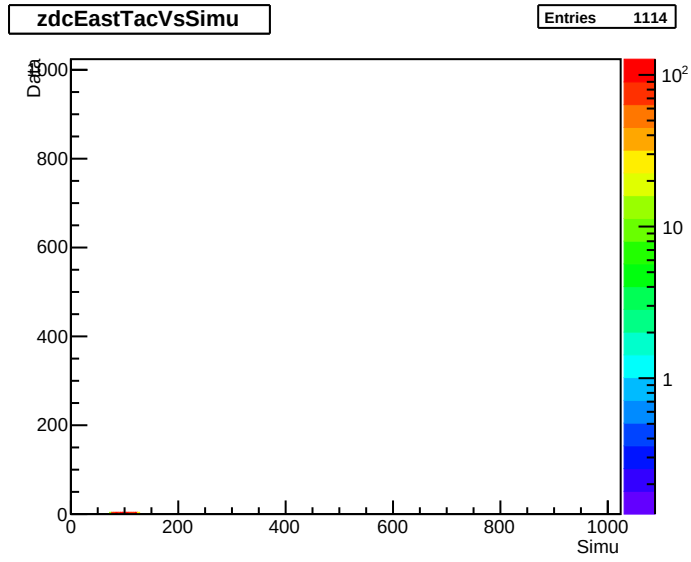

vpdWestAdcSum
Entries 399552

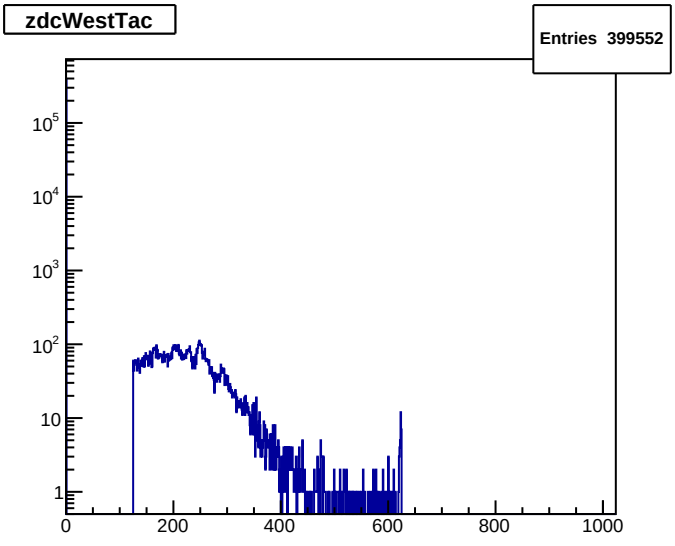

vpdWestAdcSumVsSimu
Entries 305683
Data
Simu

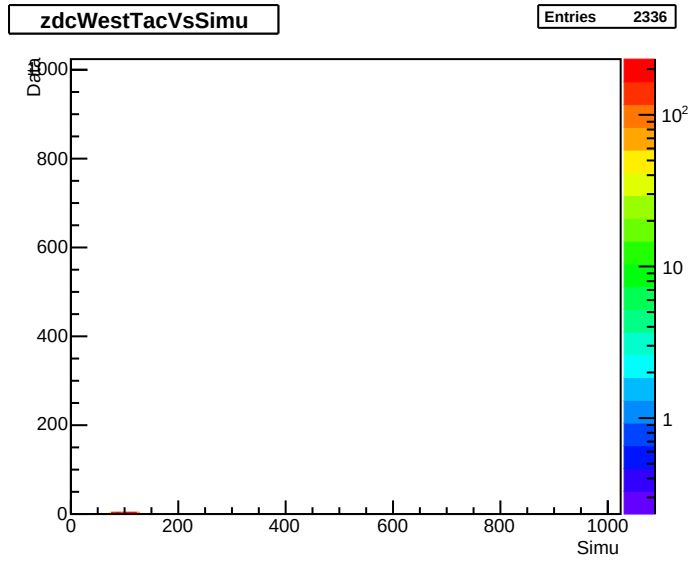

vpdWestTacMax
Entries 399552

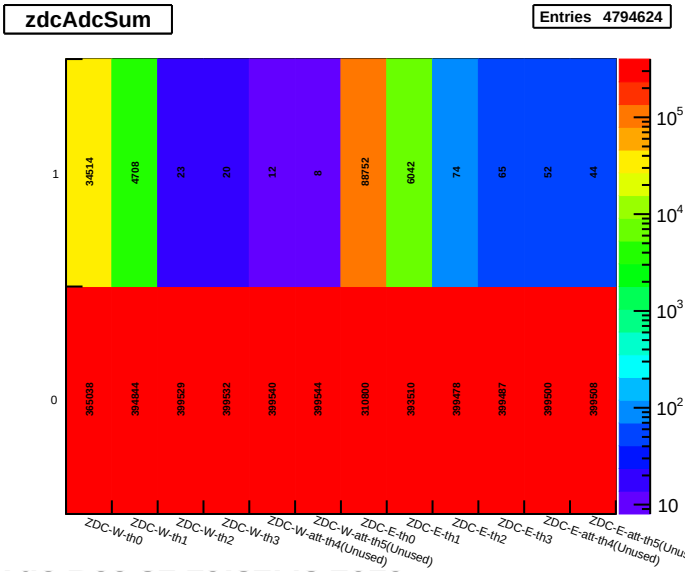

vpdWestTacMaxVsSimu
Entries 305683
Data
Simu

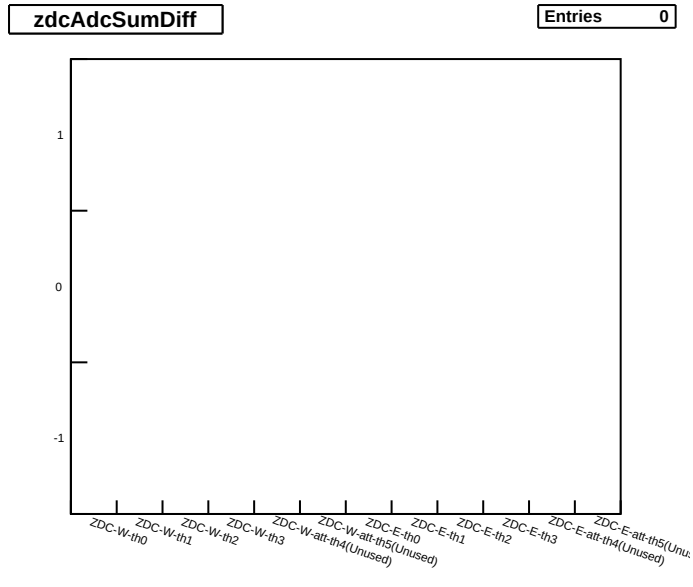

zdcEastTac
Entries 399552

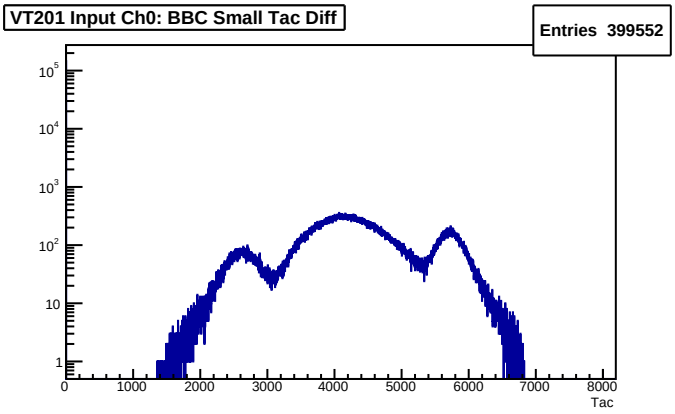

zdcEastTacVsSimu
Entries 1114
Data
Simu

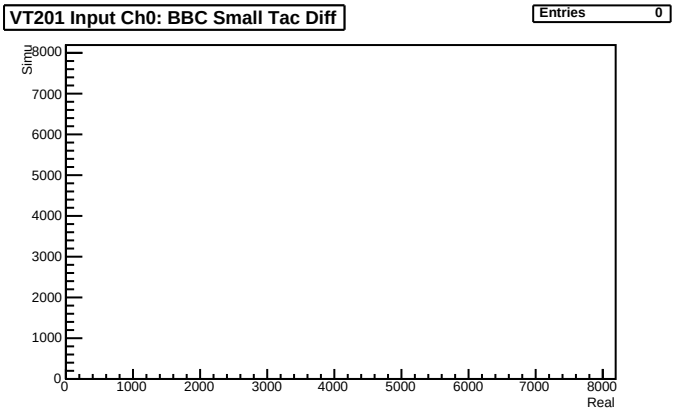

zdcWestTac
Entries 399552

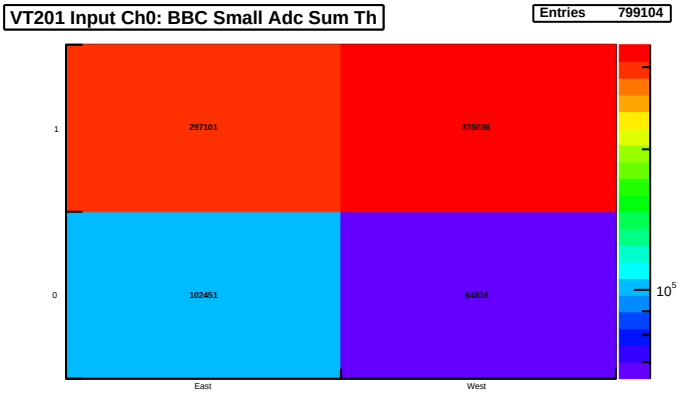

zdcWestTacVsSimu
Entries 2336
Data
Simu

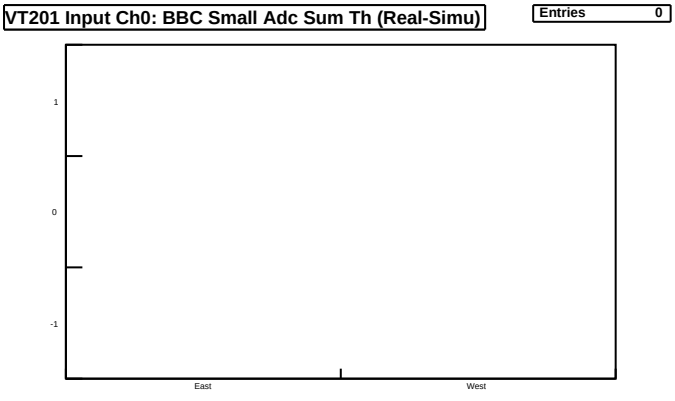

zdcAdcSum
Entries 4794624
34514
4708
23
20
12
8
88752
6042
74
65
52
44
365038
394844
399529
399532
399540
399544
310800
393510
399478
399487
399500
399508
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

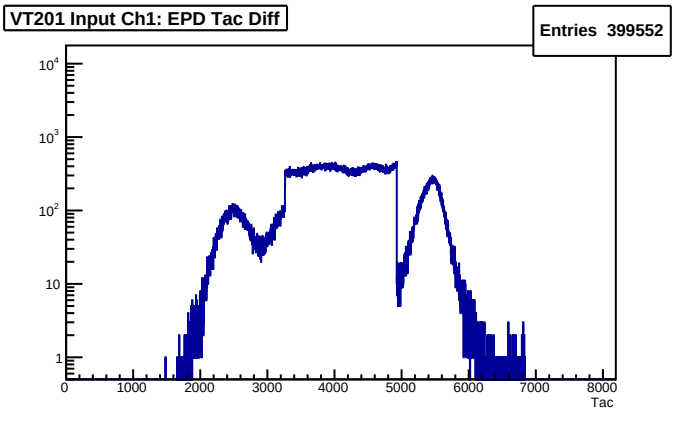

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

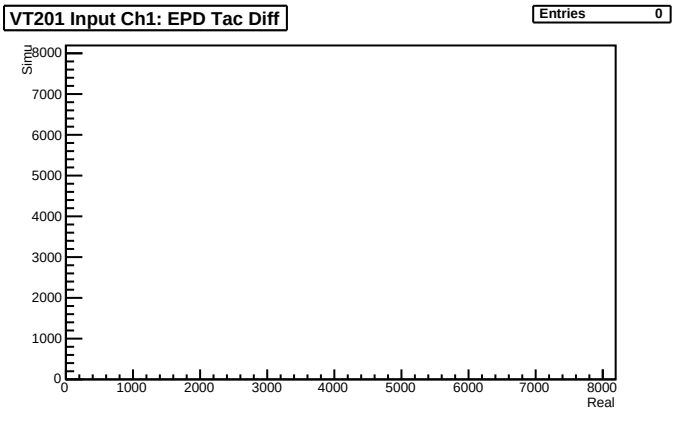

VT201 Input Ch0: BBC Small Tac Diff
Entries 399552
Tac

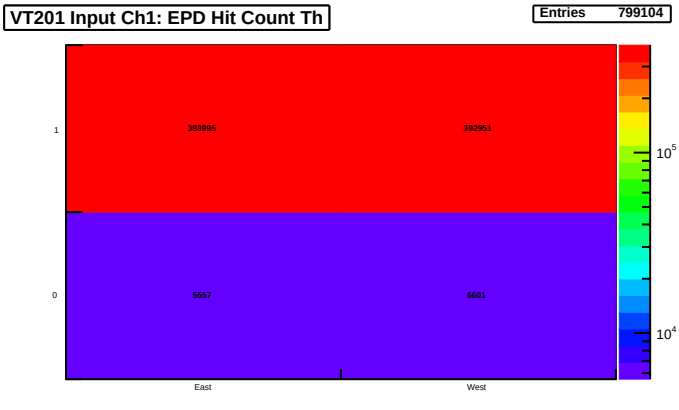

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

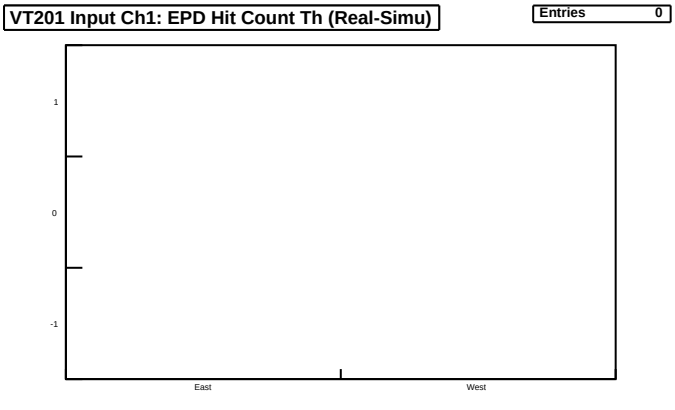

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 799104
297101
335036
102451
64516
East
West

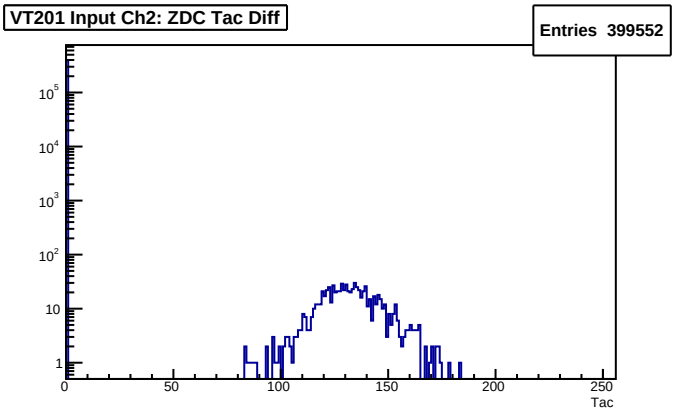

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

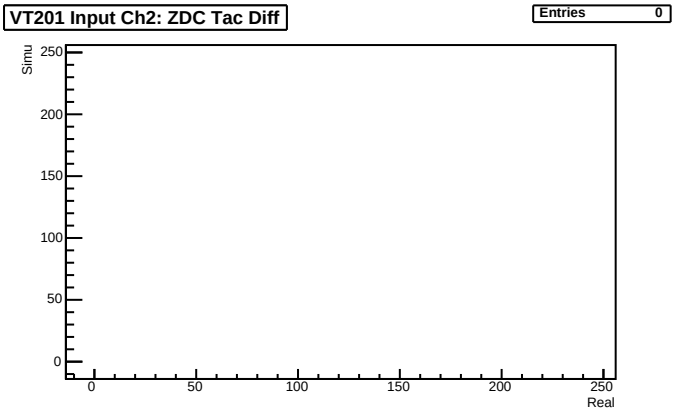

VT201 Input Ch1: EPD Tac Diff
Entries 399552
Tac

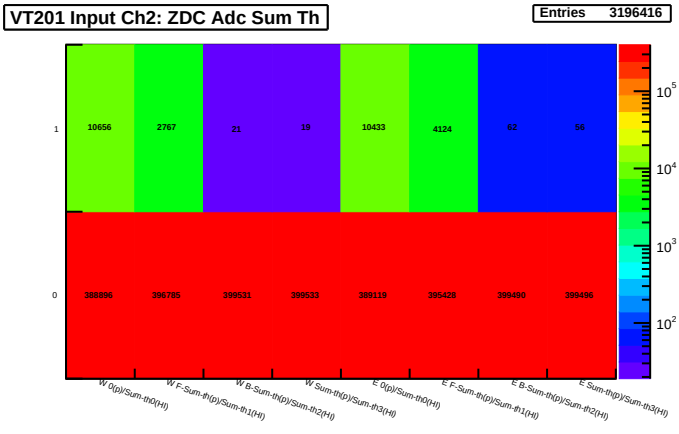

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

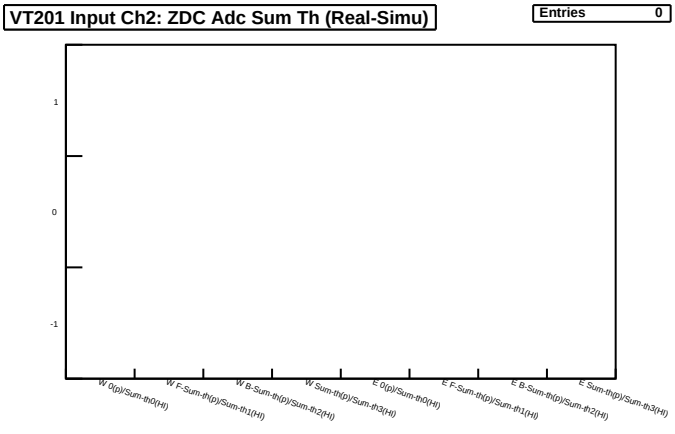

VT201 Input Ch1: EPD Hit Count Th
Entries 799104
393995
392951
5557
6601
East
West

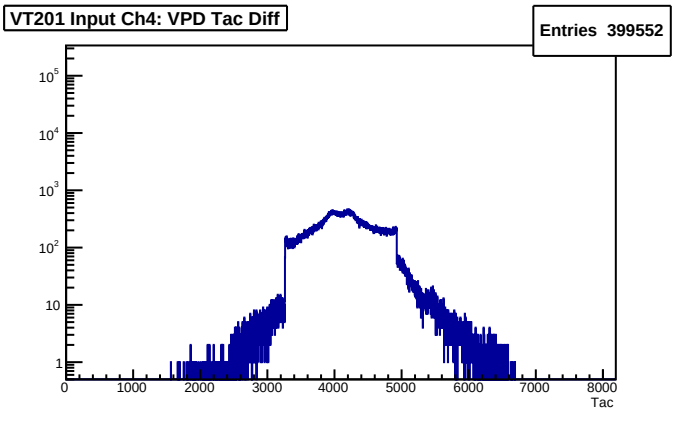

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

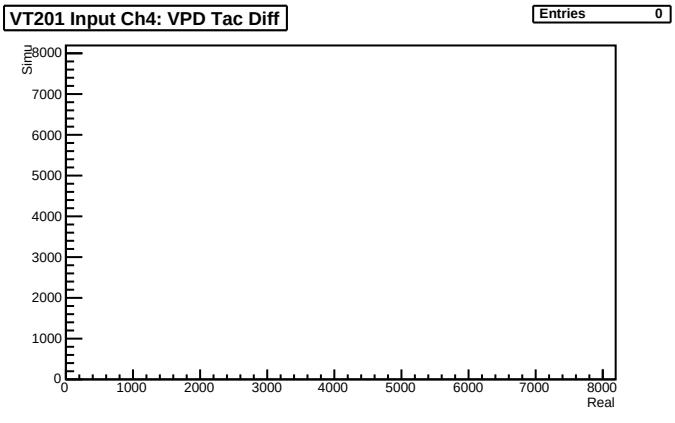

VT201 Input Ch2: ZDC Tac Diff
Entries 399552
Tac

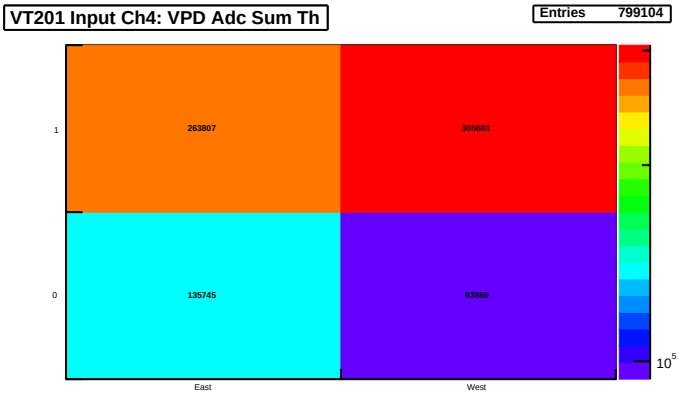

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

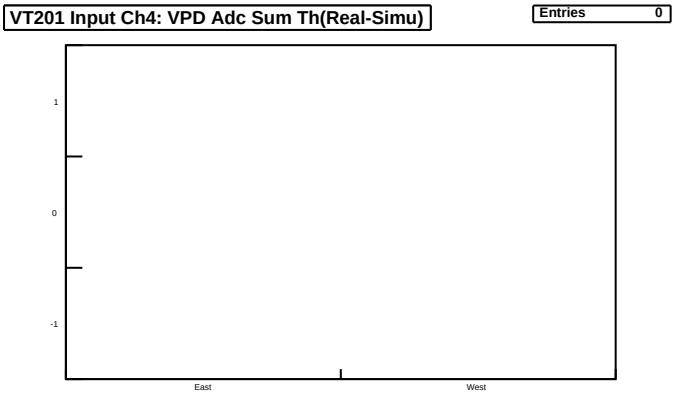

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3196416
10656
2767
21
19
10433
4124
62
56
388896
396785
399531
399533
389119
395428
399490
399496
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

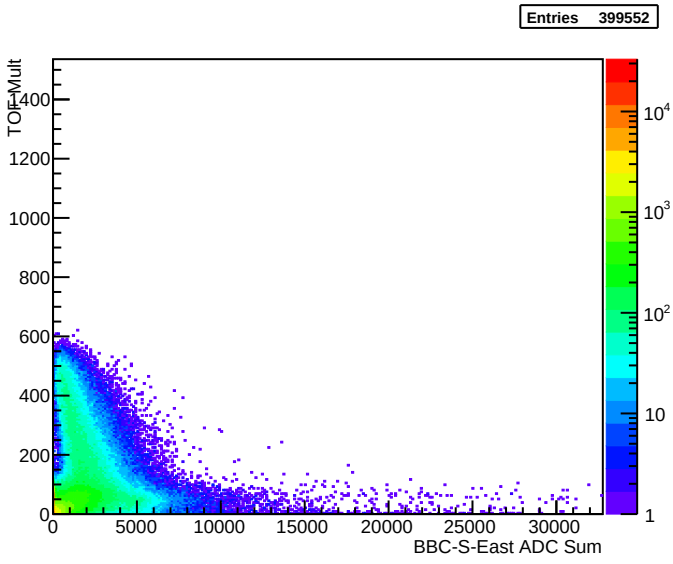

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

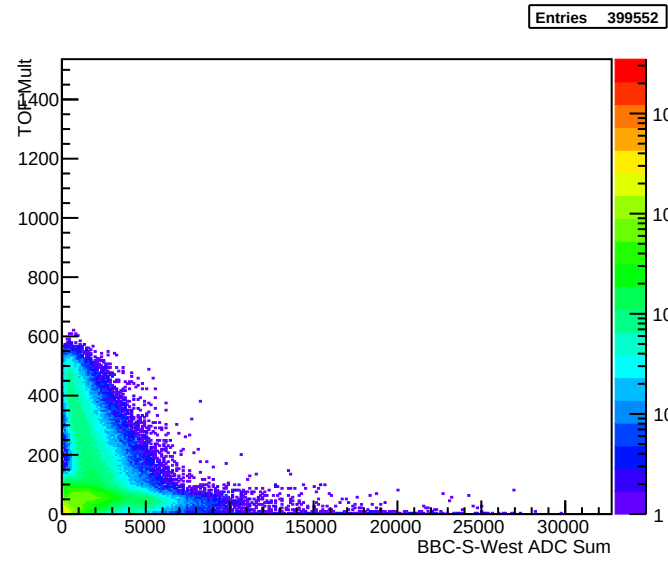

VT201 Input Ch4: VPD Tac Diff
Entries 399552
Tac

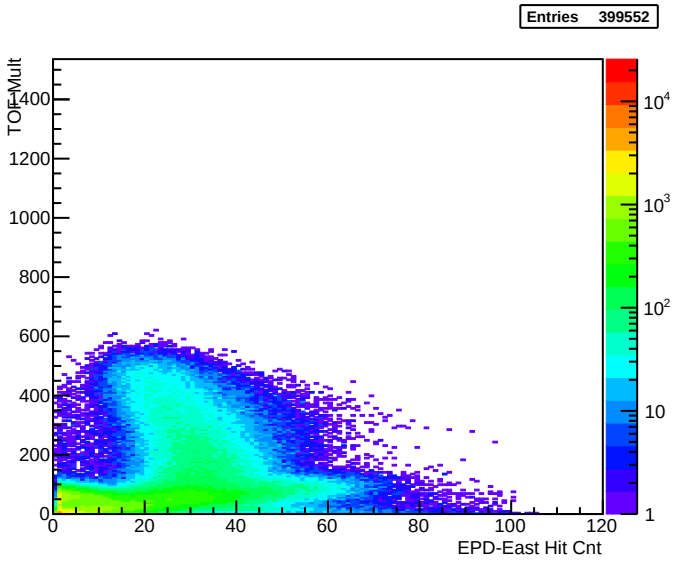

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

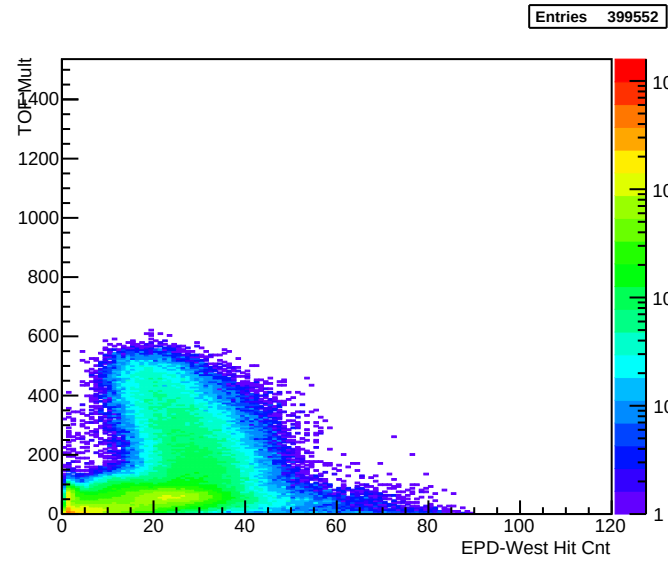

VT201 Input Ch4: VPD Adc Sum Th
Entries 799104
263807
305683
135745
93869
East
West

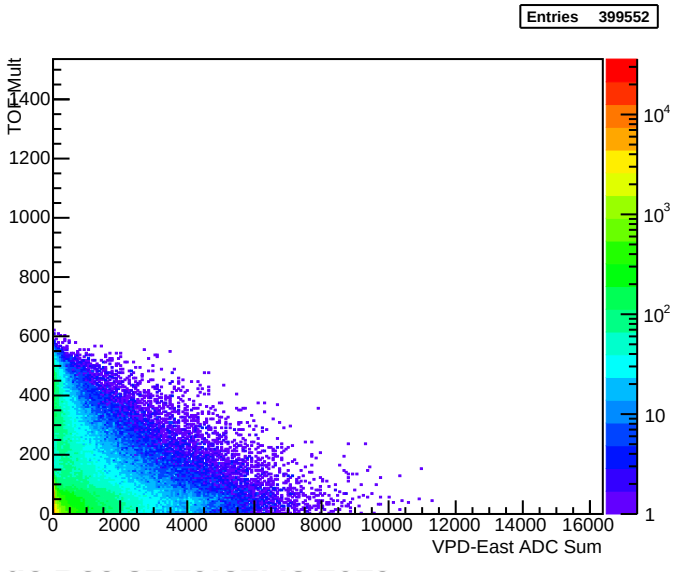

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

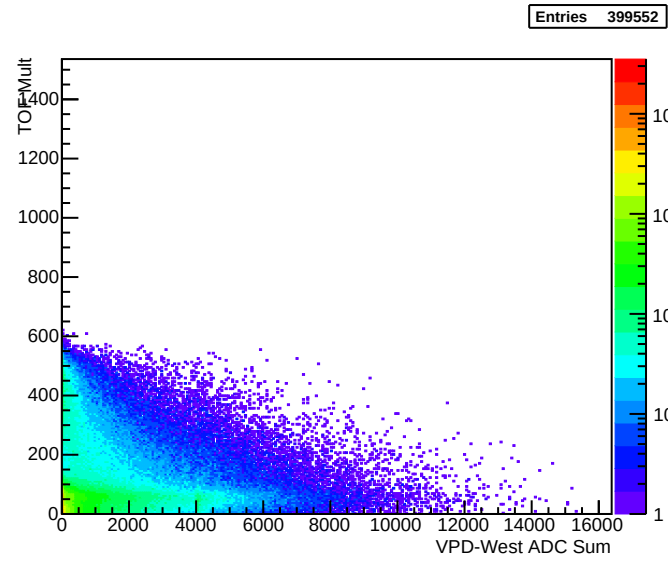

Entries 399552
TOF-Mult
BBC-S-East ADC Sum

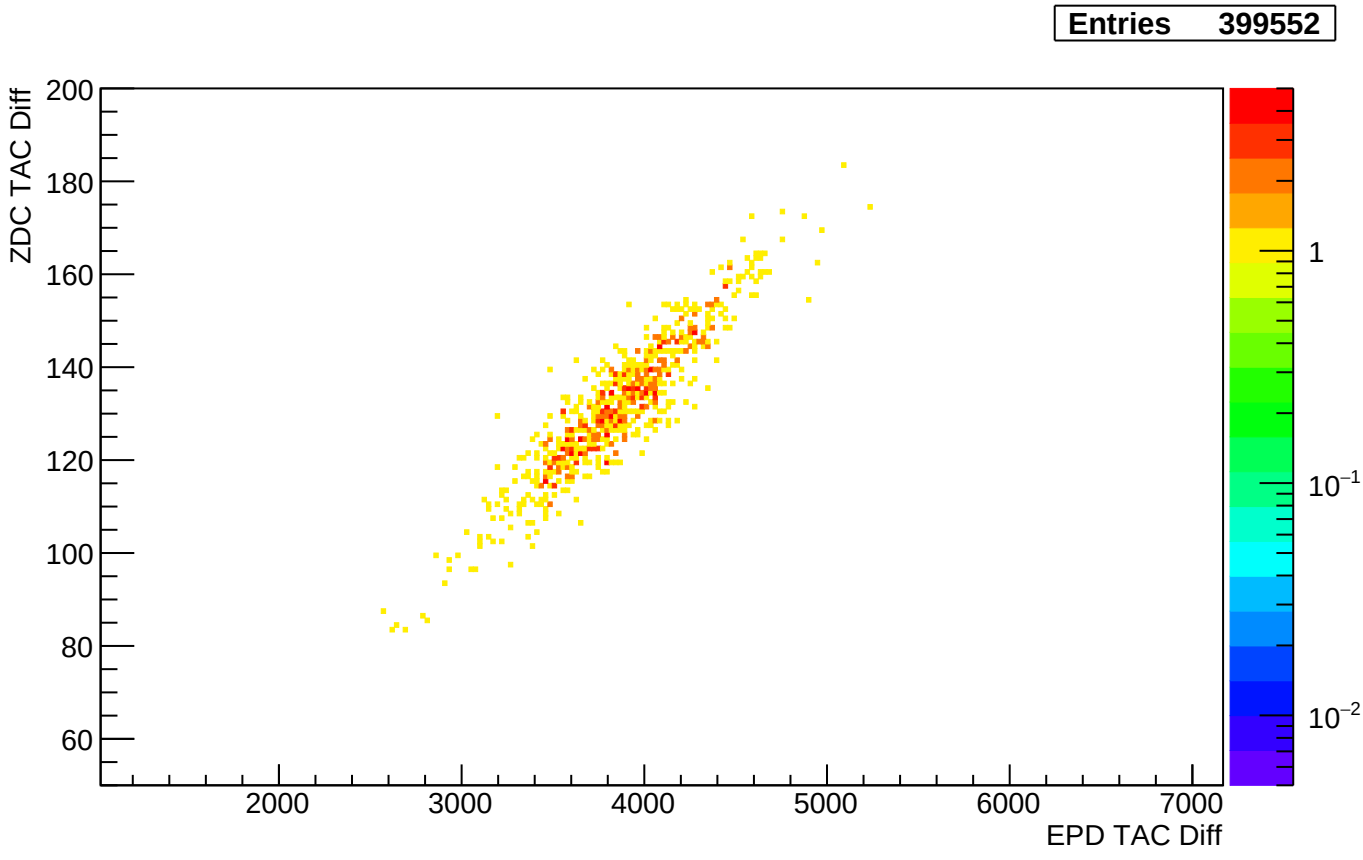

Entries 399552
TOF-Mult
BBC-S-West ADC Sum

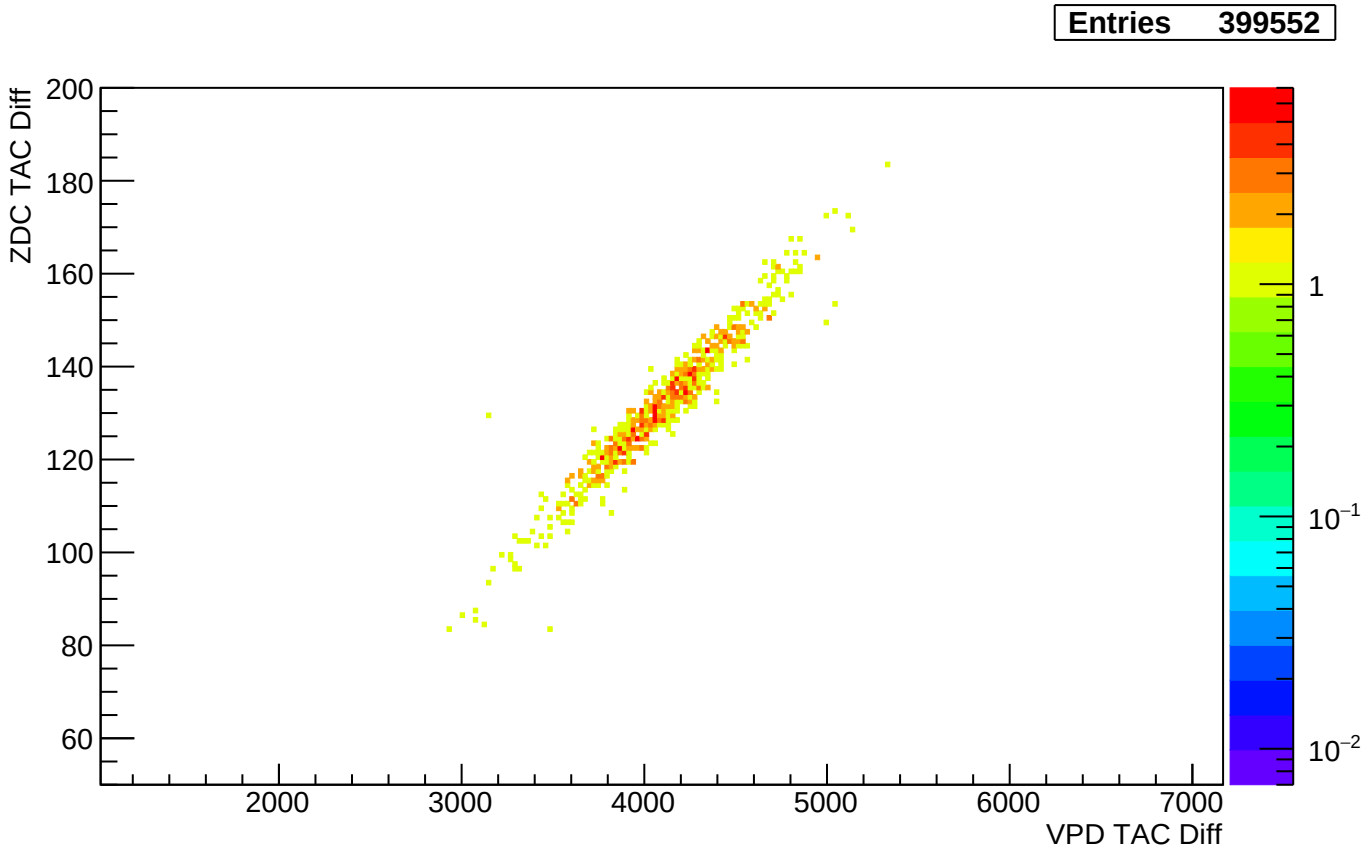

Entries 399552
TOF-Mult
EPD-East Hit Cnt

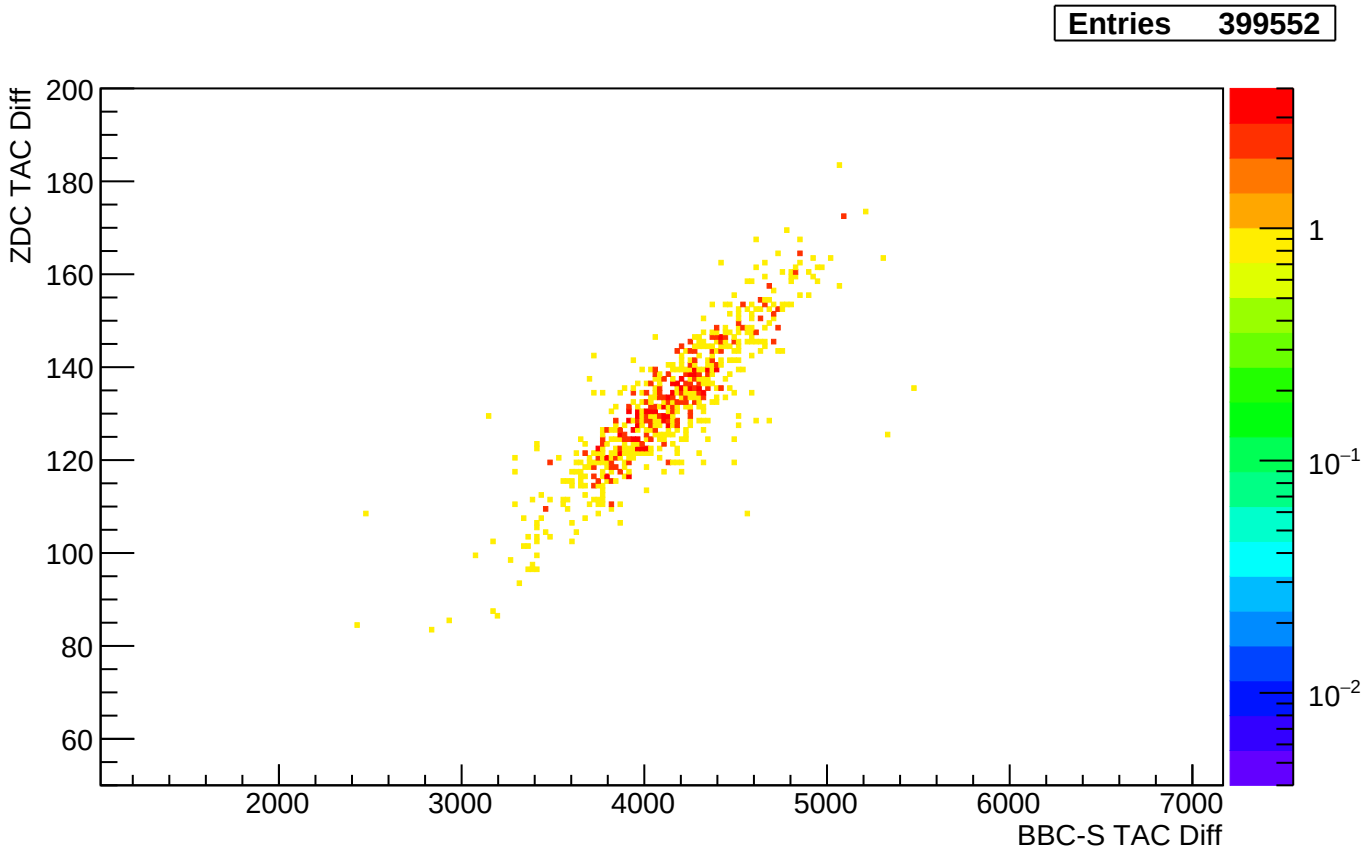

Entries 399552
TOF-Mult
EPD-West Hit Cnt

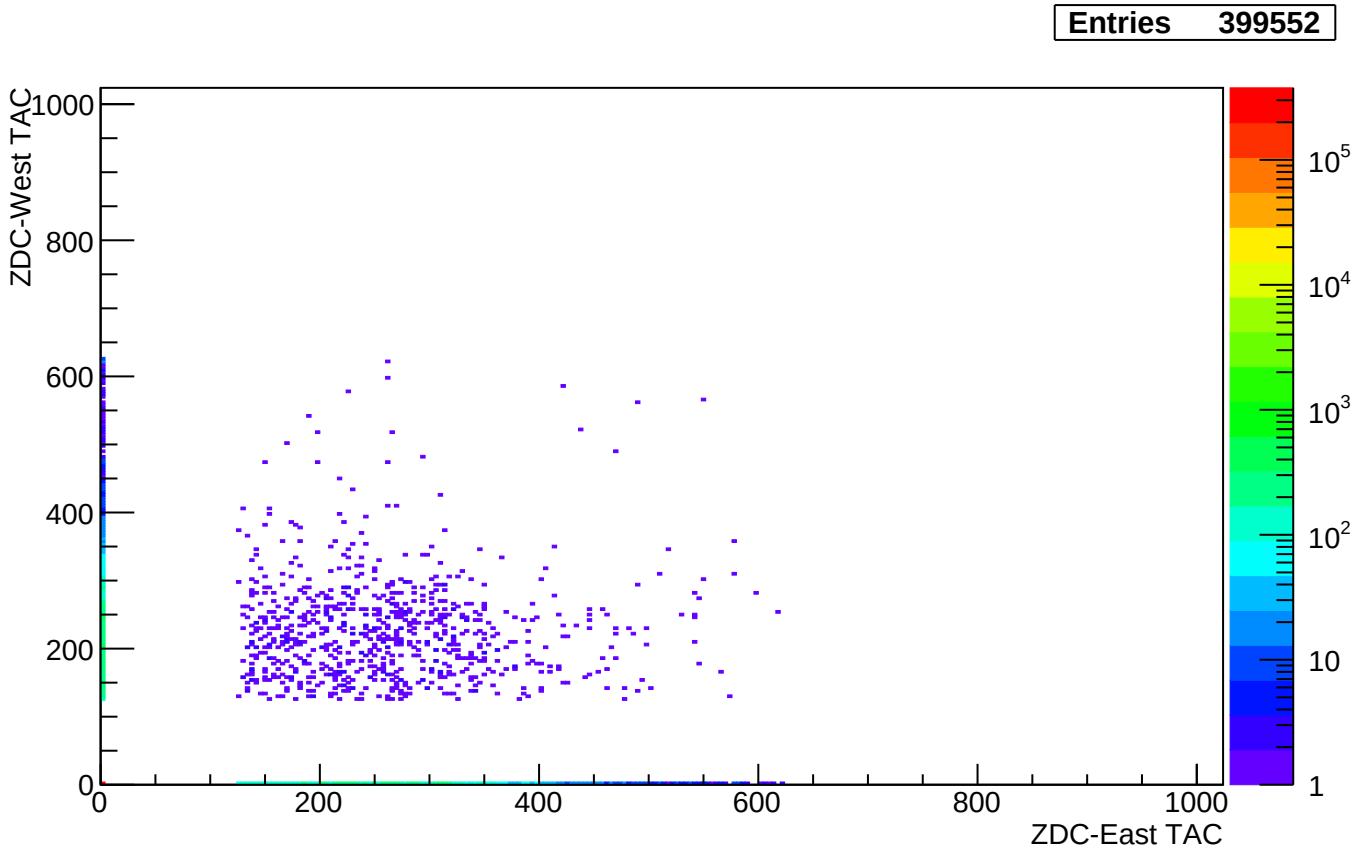

Entries 399552
TOF-Mult
VPD-East ADC Sum

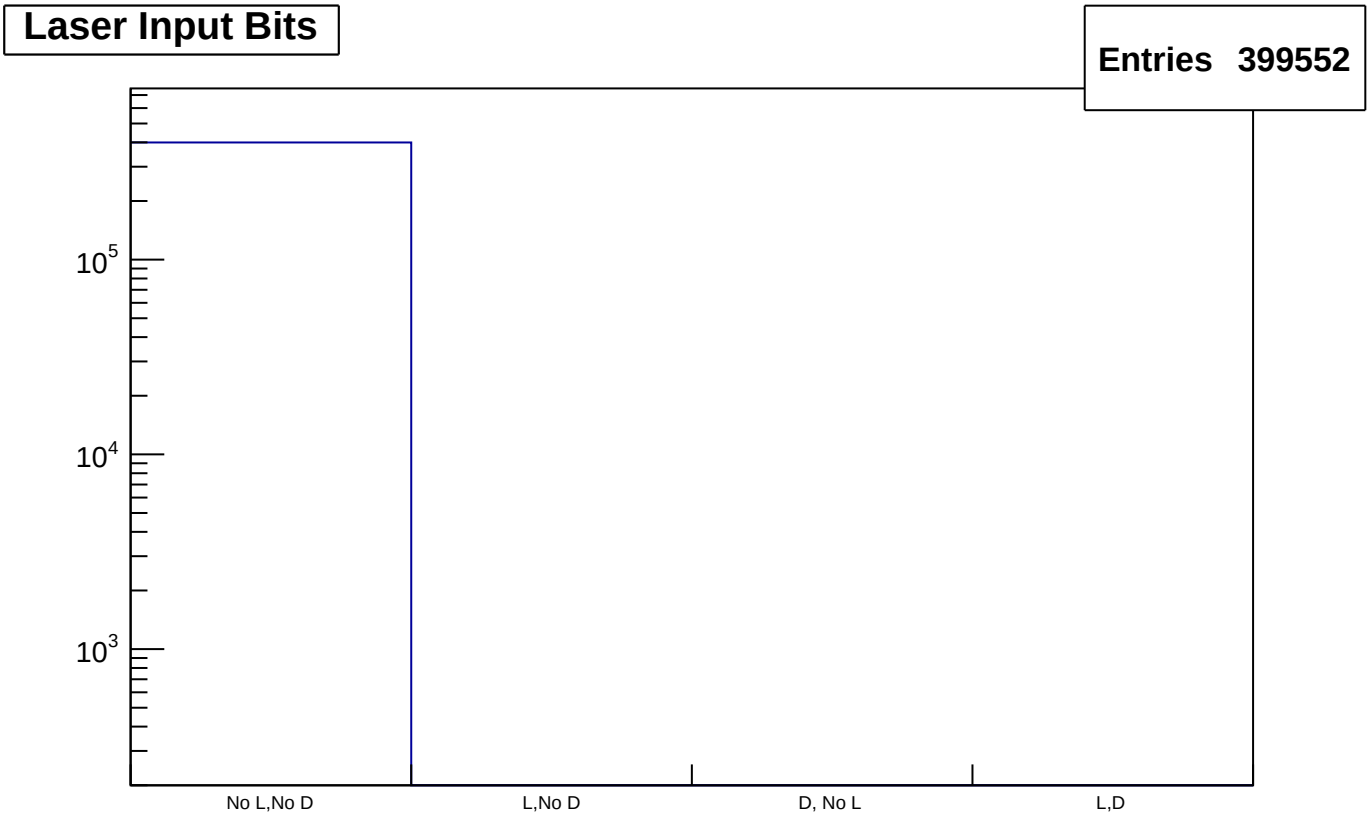

Entries 399552
TOF-Mult
VPD-West ADC Sum

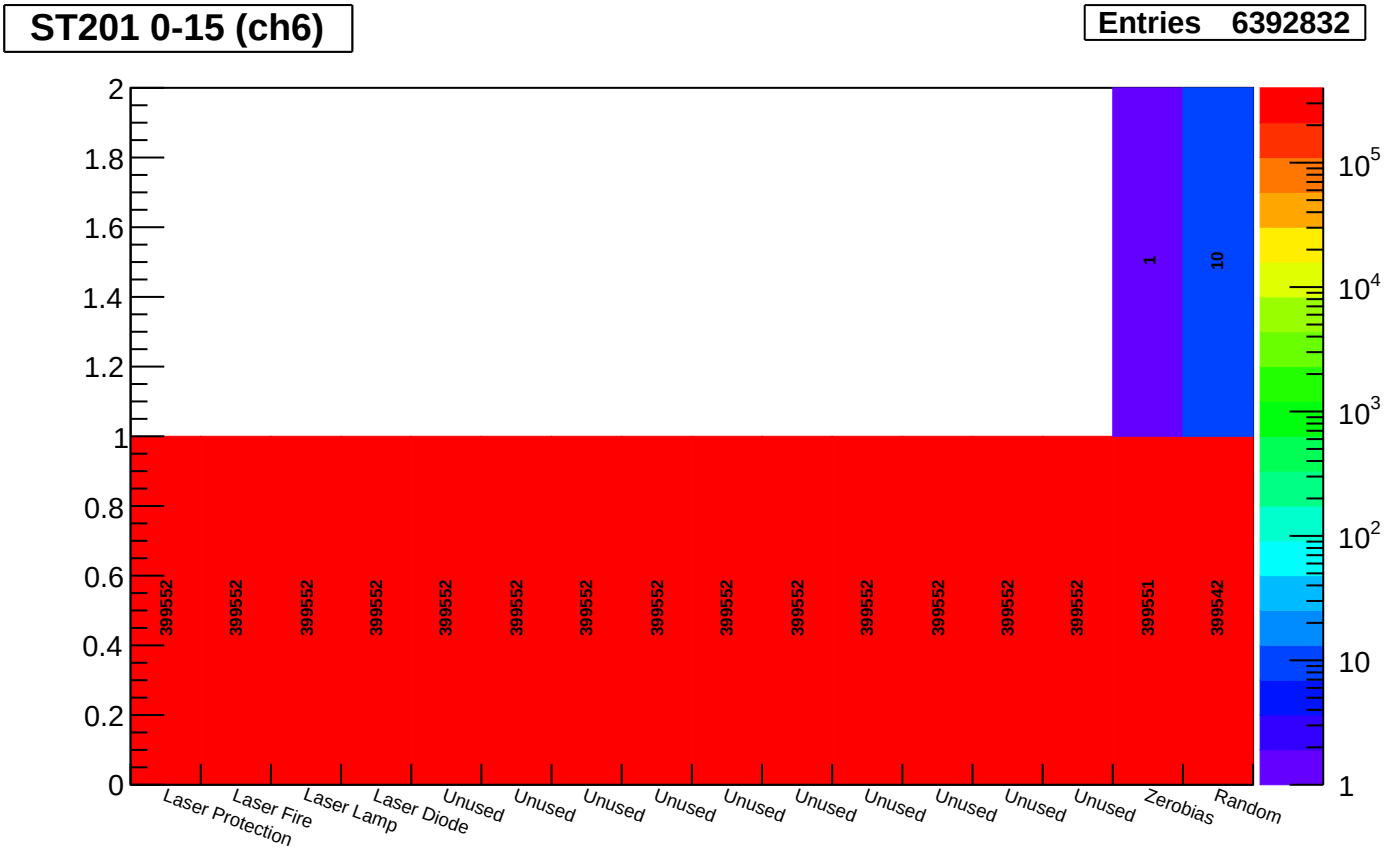

Entries 399552
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

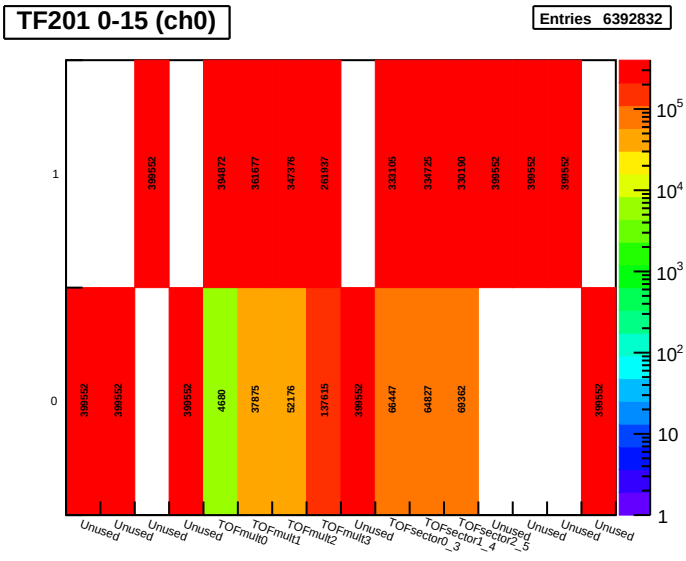

Entries 399552
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

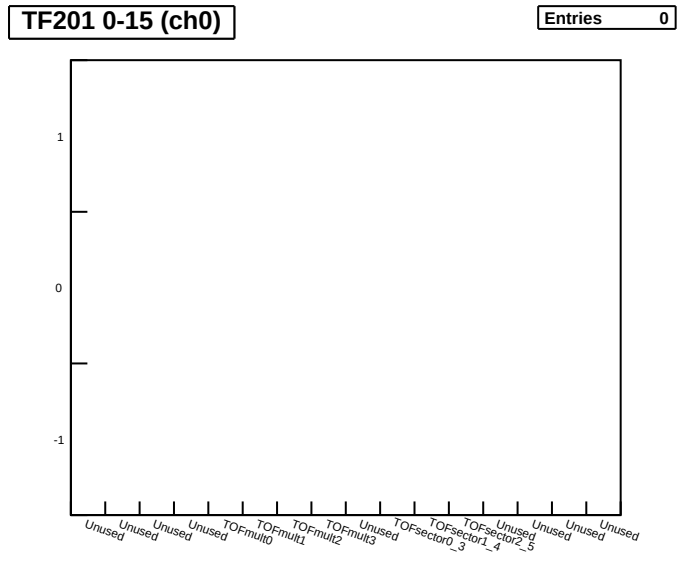

Entries 399552
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

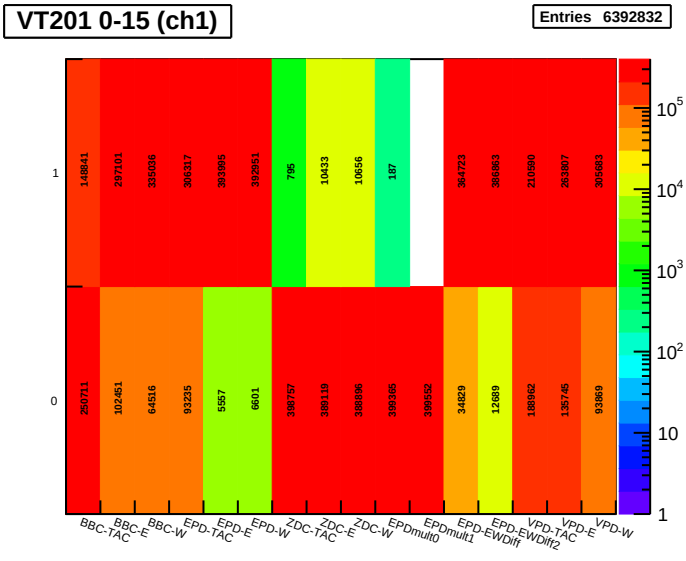

Entries 399552
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

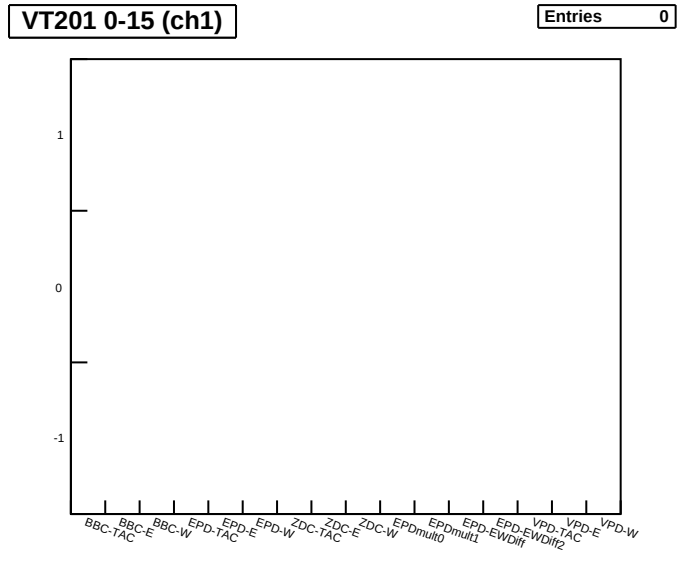

Laser Input Bits
Entries 399552
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

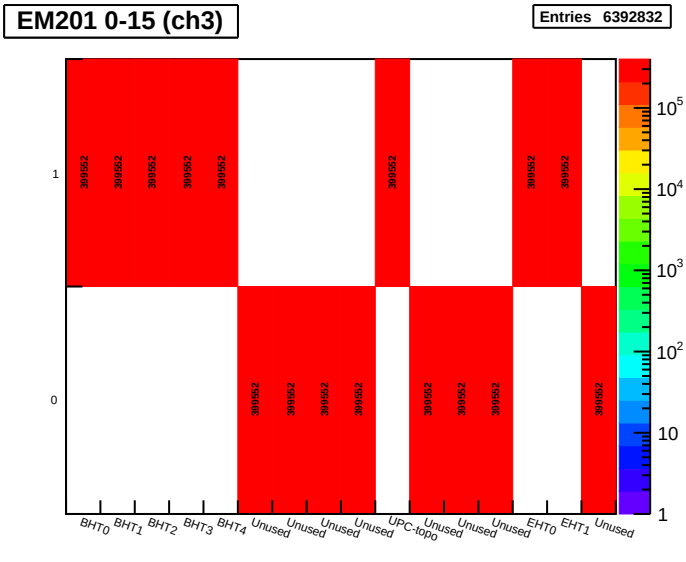

ST201 0-15 (ch6)
Entries 6392832
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
399552
399552
399552
399552
399552
399552
399552
399552
399552
399552
399552
399552
399552
399552
399551
399542
1
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

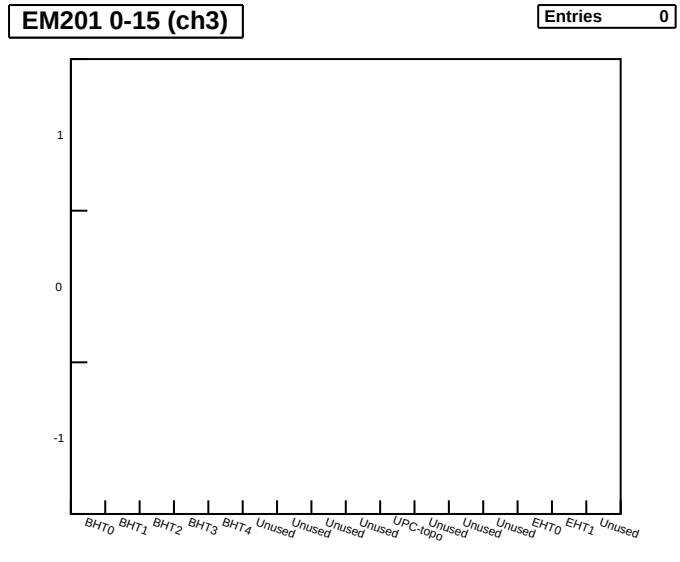

TF201 0-15 (ch0)
Entries 6392832
1
0
399552
334872
301677
347376
261937
333105
334725
330190
399552
399552
399552
399552
399552
4680
37875
52176
137615
66447
64827
69362
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 6392832
1
0
148841
297101
335036
306317
393995
392951
795
10433
10556
187
364723
386863
210590
263807
305683
250711
102451
64516
93235
5557
6601
398757
388119
388896
399365
399552
34829
12689
188962
135745
93869
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 6392832
1
0
399552
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