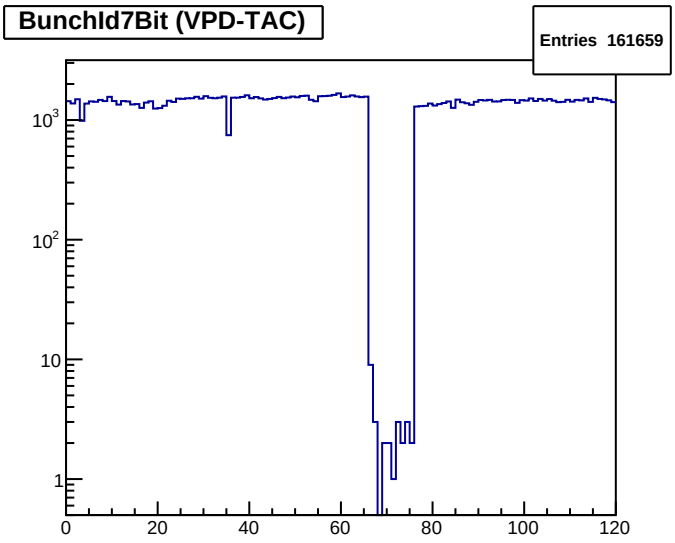
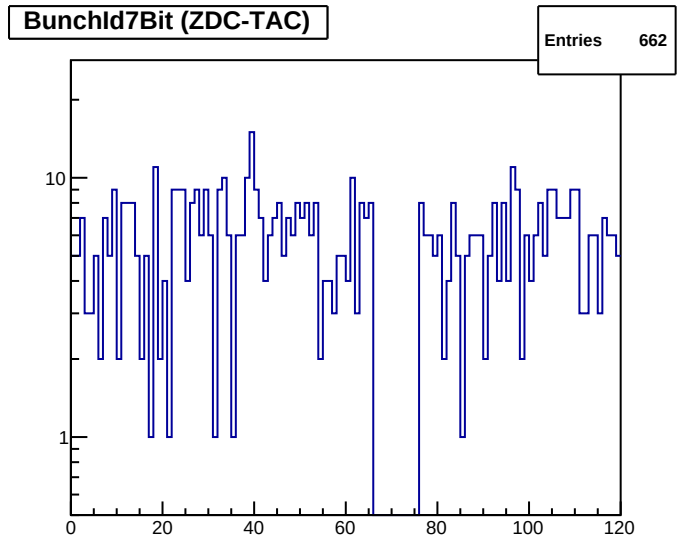
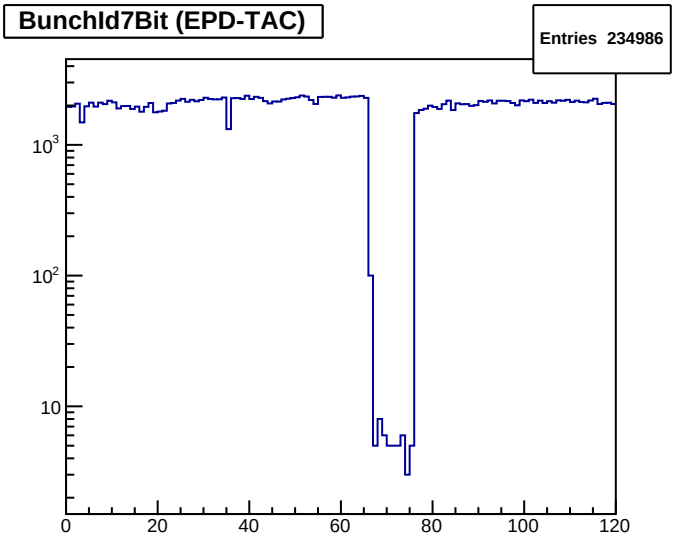
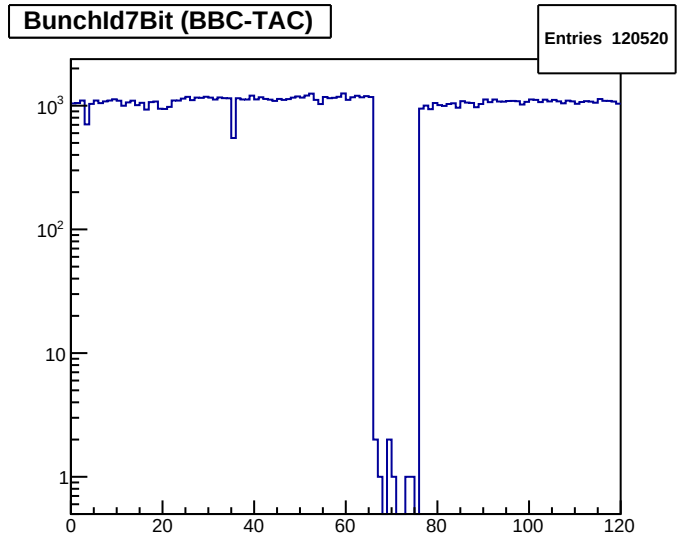
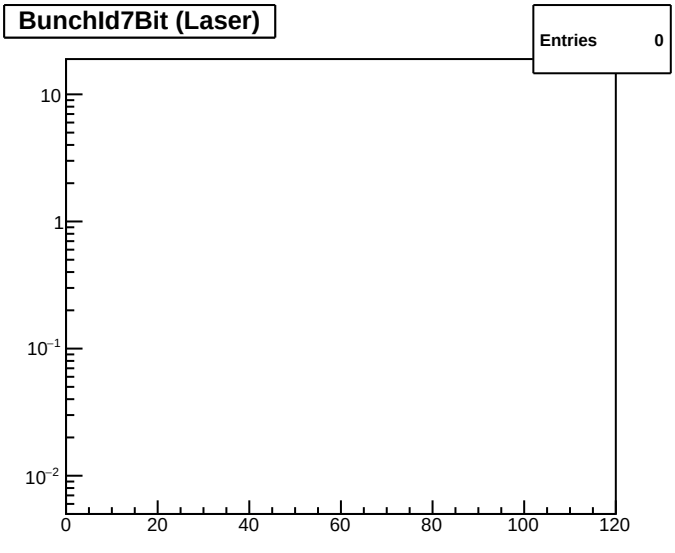
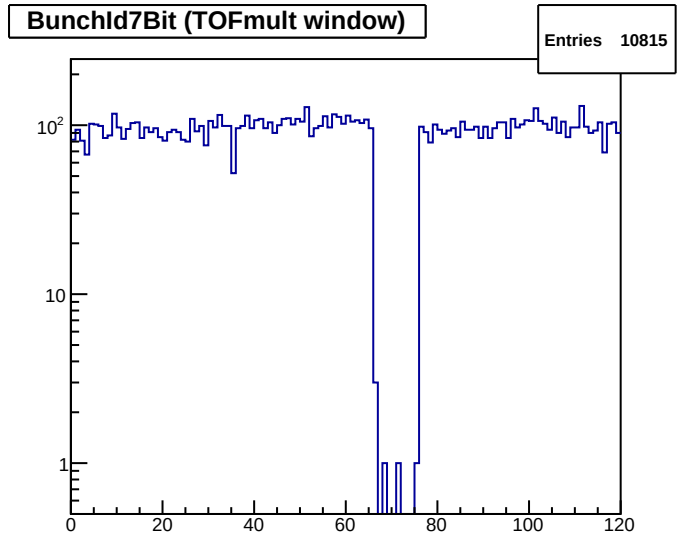

BunchId7Bit (VPD-TAC)
Entries 161659

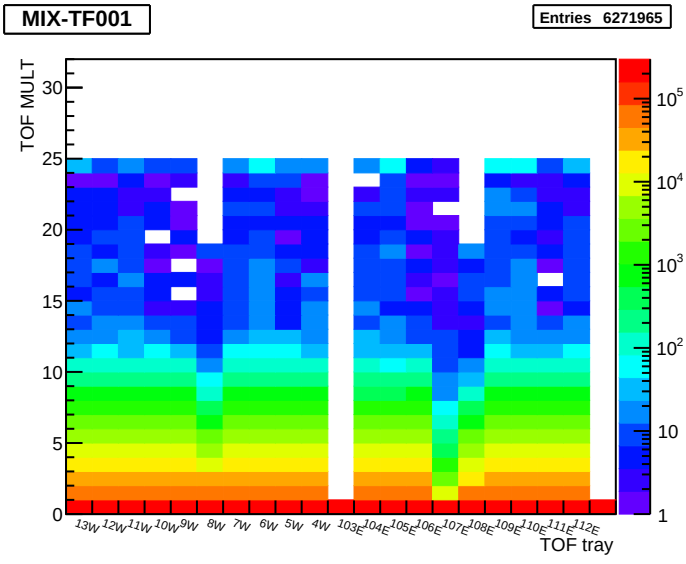

BunchId7Bit (ZDC-TAC)
Entries 662

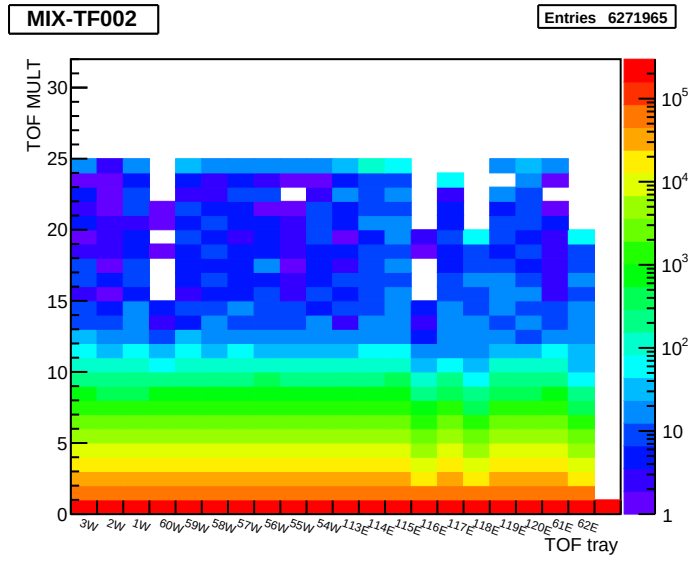

BunchId7Bit (EPD-TAC)
Entries 234986

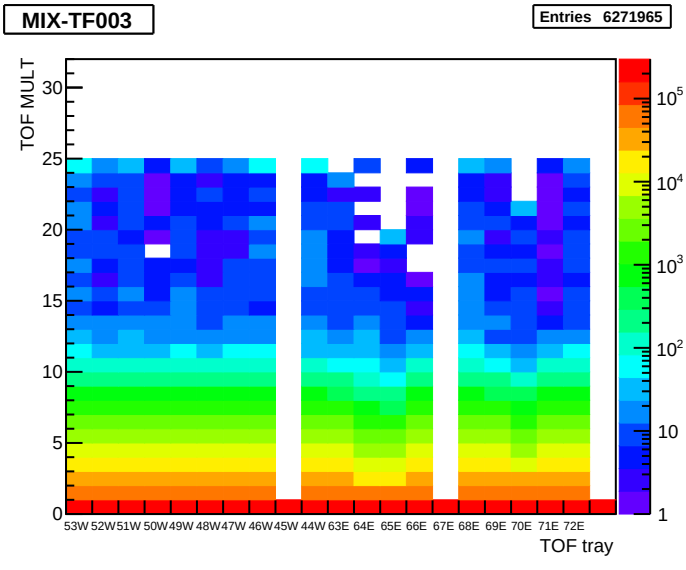

BunchId7Bit (BBC-TAC)
Entries 120520

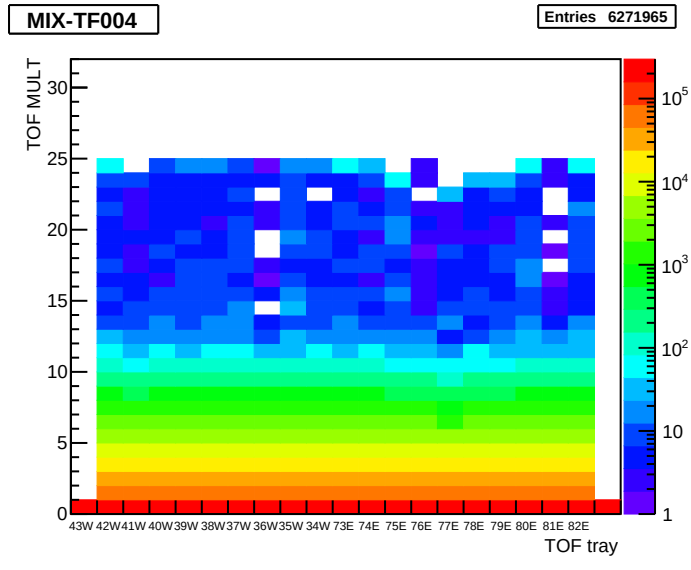

BunchId7Bit (Laser)
Entries 0

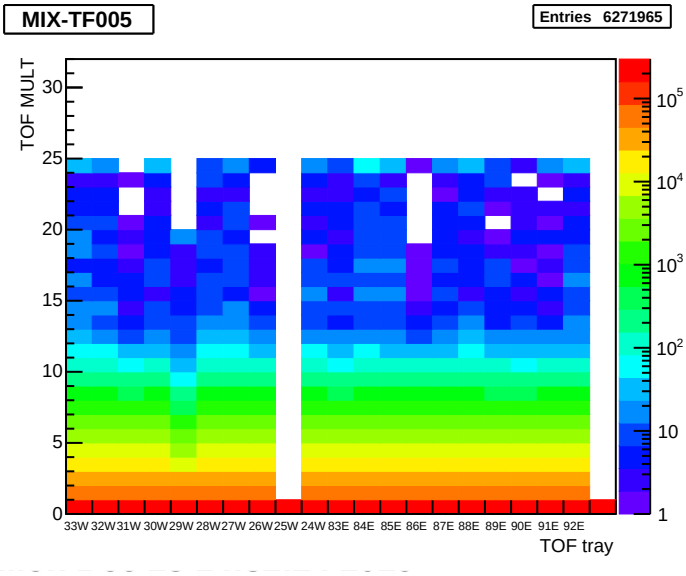

BunchId7Bit (TOFmult window)
Entries 10815

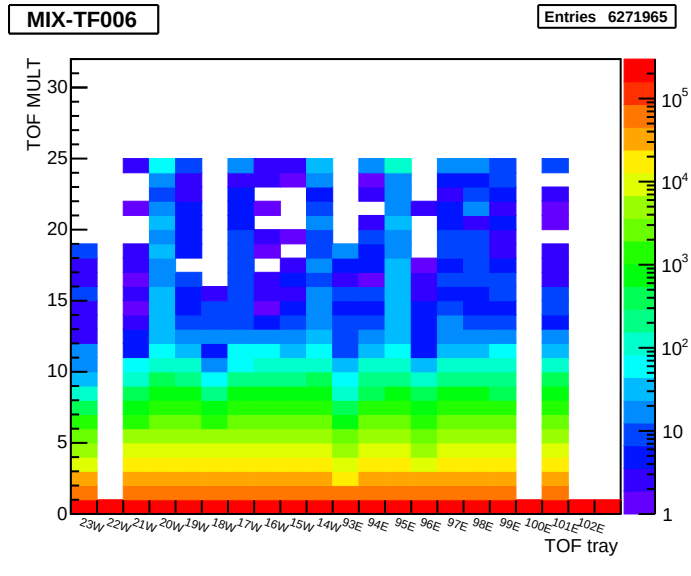

MIX-TF001
Entries 6271965
TOF MULT
TOF tray

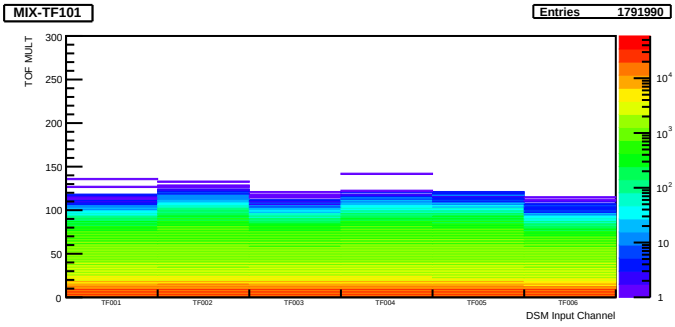

MIX-TF002
Entries 6271965
TOF MULT
TOF tray

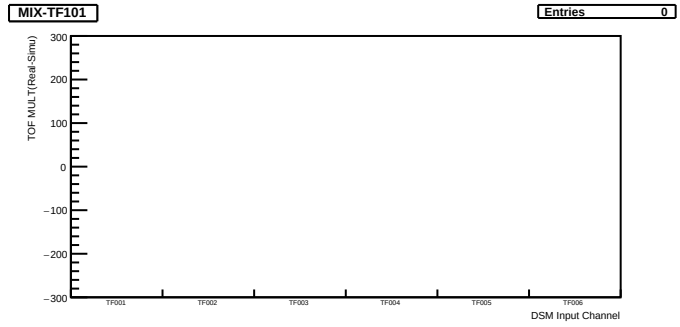

MIX-TF003
Entries 6271965
TOF MULT
TOF tray

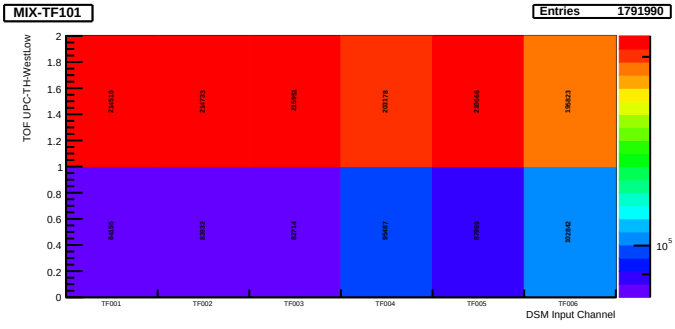

MIX-TF004
Entries 6271965
TOF MULT
TOF tray

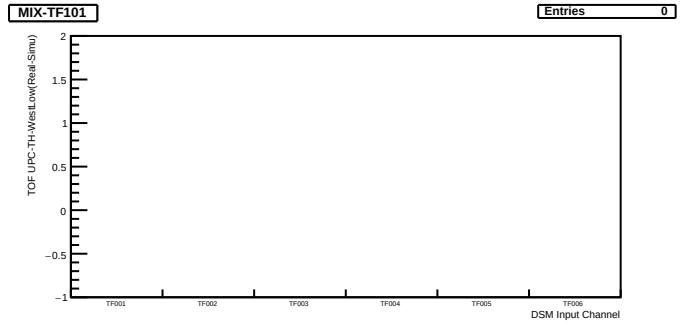

MIX-TF005
Entries 6271965
TOF MULT
TOF tray

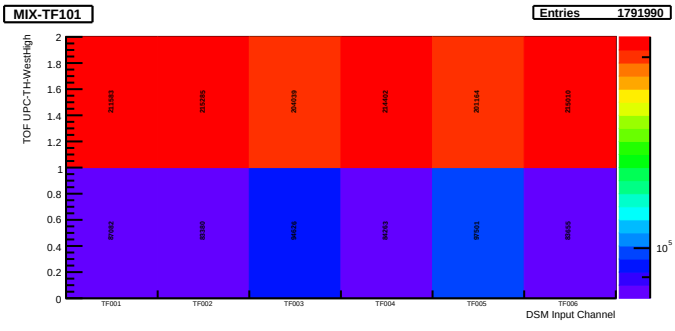

MIX-TF006
Entries 6271965
TOF MULT
TOF tray

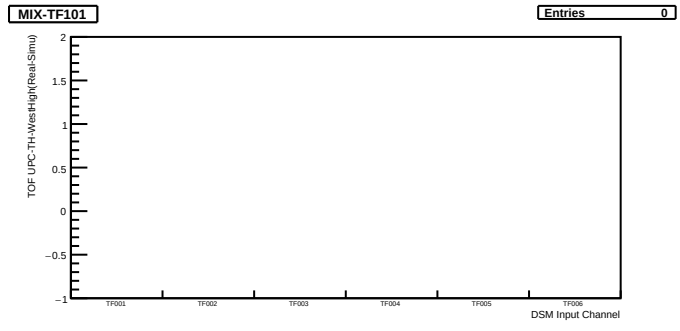

MIX-TF101
Entries 1791990
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

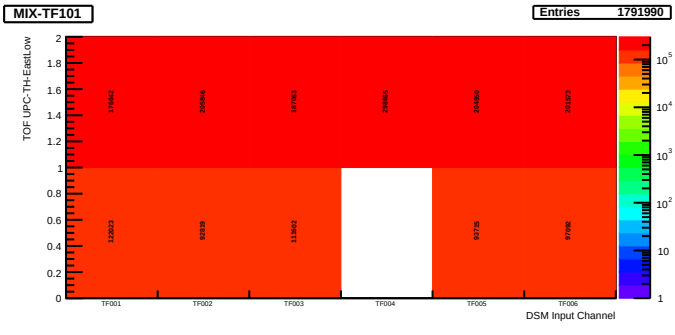

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

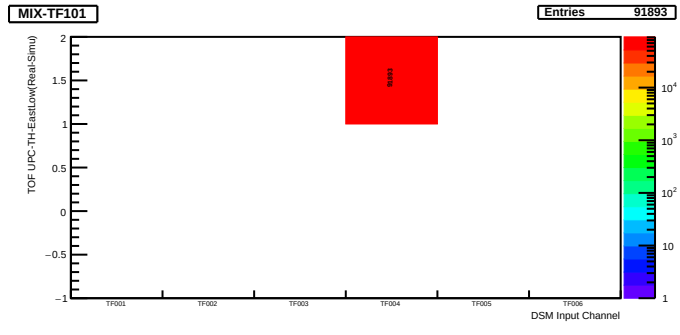

MIX-TF101
Entries 1791990
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

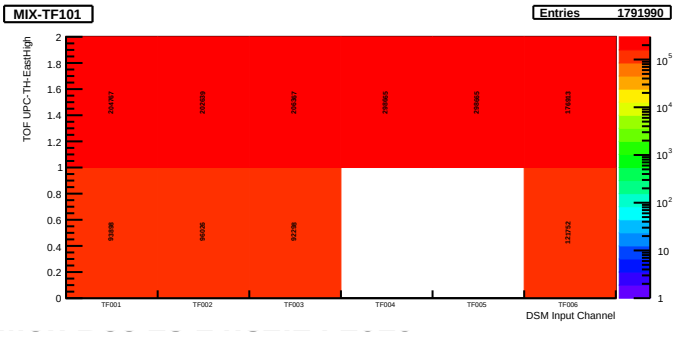

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

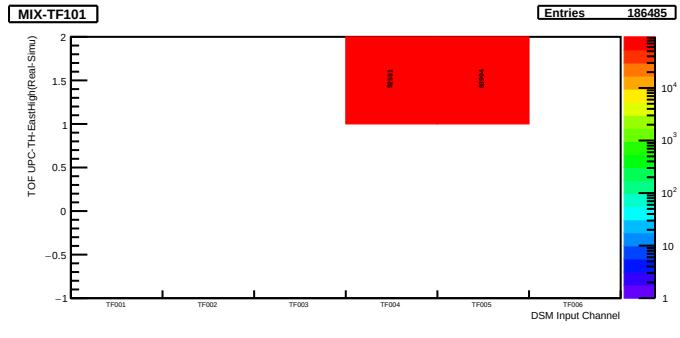

MIX-TF101
Entries 1791990
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

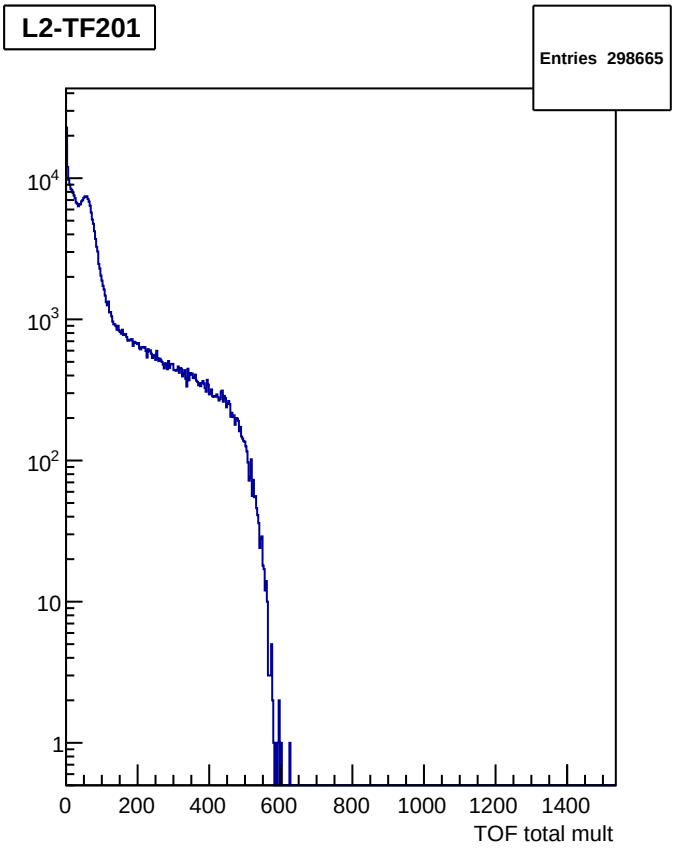

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

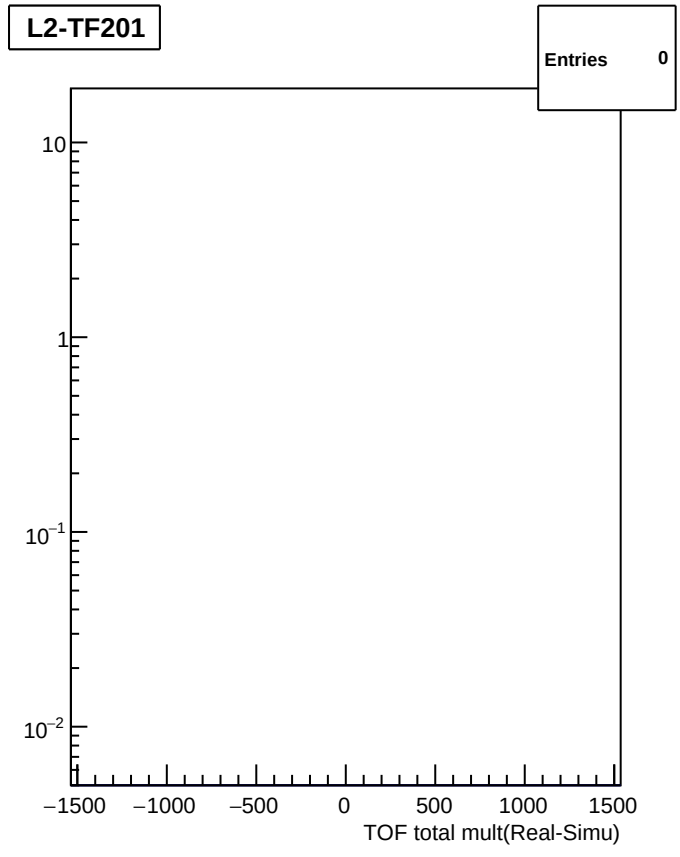

MIX-TF101
Entries 1791990
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

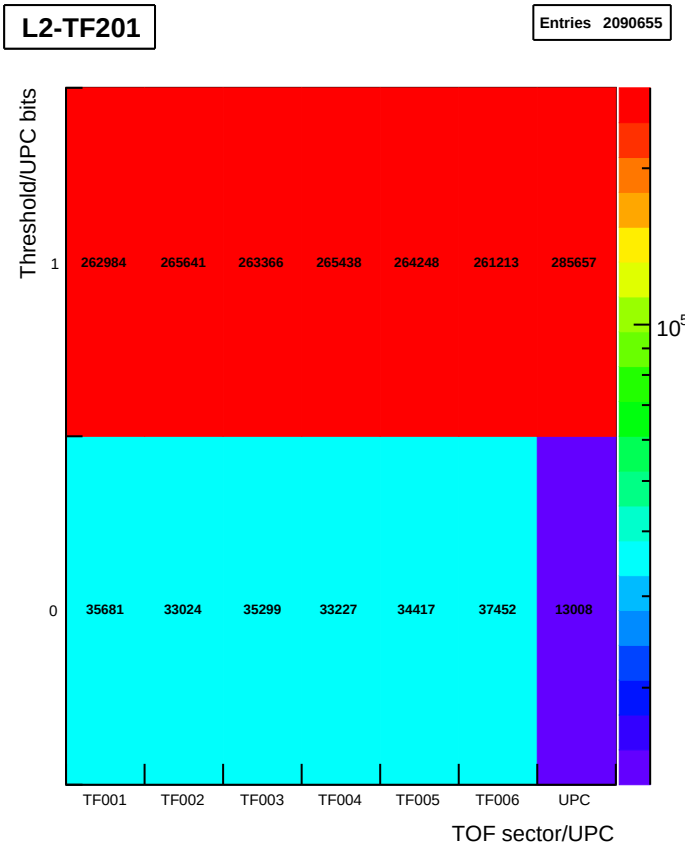

MIX-TF101
Entries 91893
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

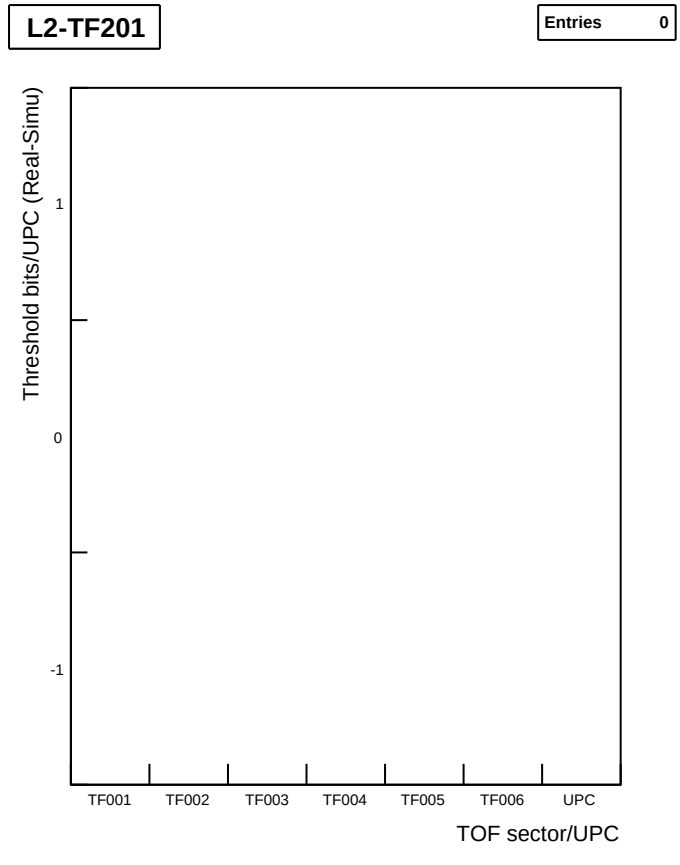

MIX-TF101
Entries 1791990
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

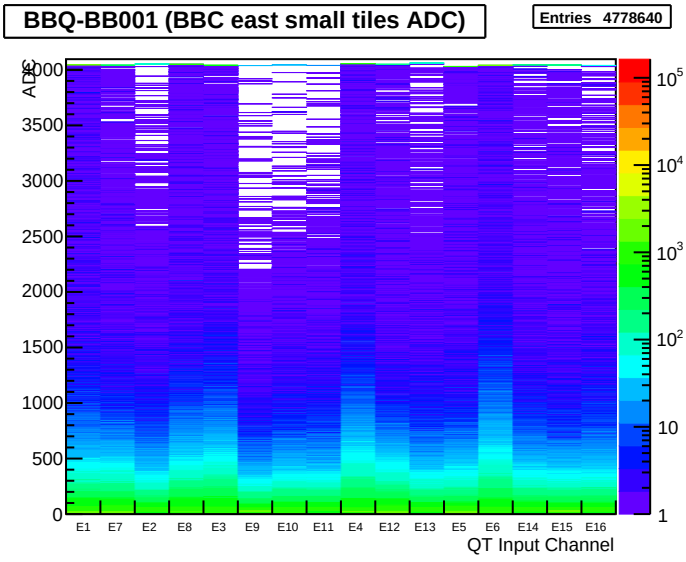

MIX-TF101
Entries 186485
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

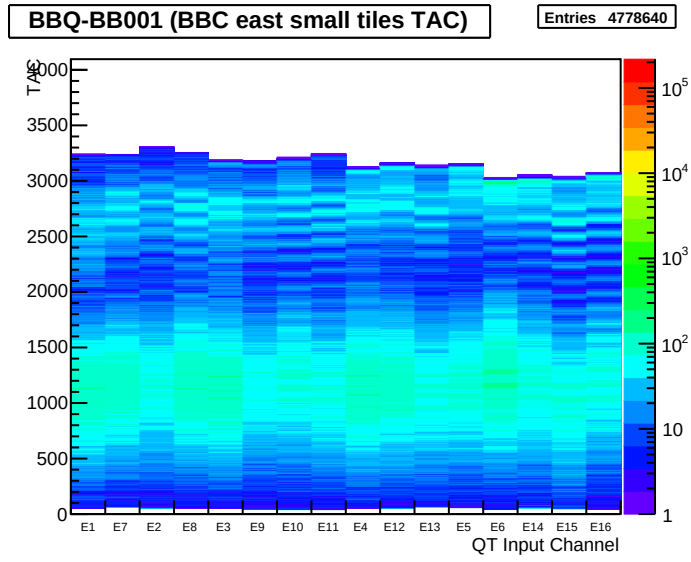

L2-TF201
Entries 298665
TOF total mult

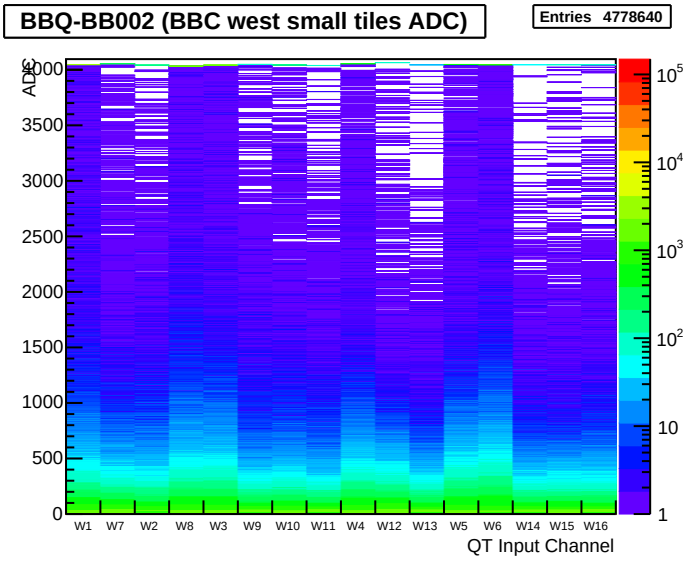

L2-TF201
Entries 0
TOF total mult(Real-Simu)

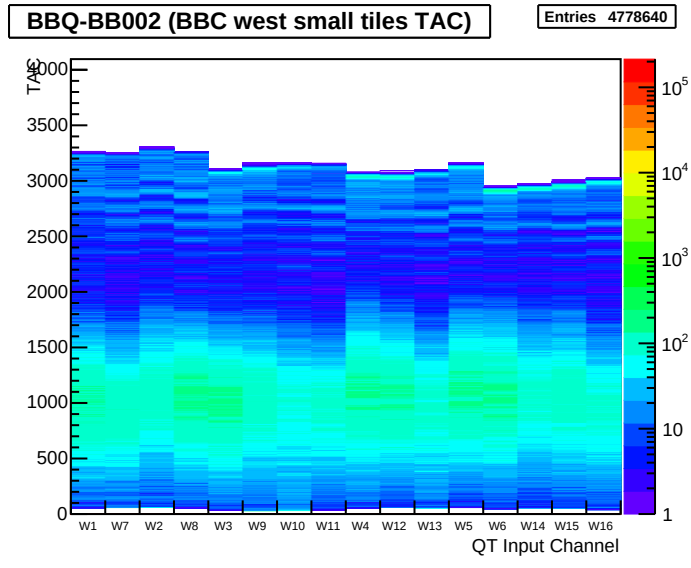

L2-TF201
Entries 2090655
Threshold/UPC bits
262984
265641
263366
265438
264248
261213
285657
35681
33024
35299
33227
34417
37452
13008
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

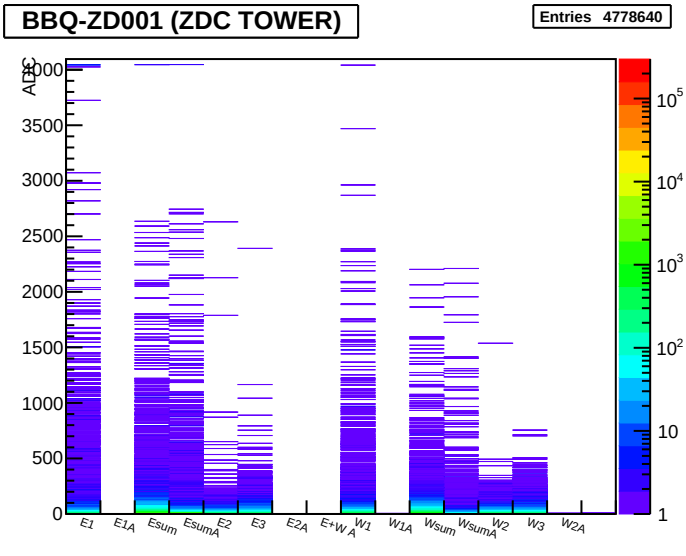

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

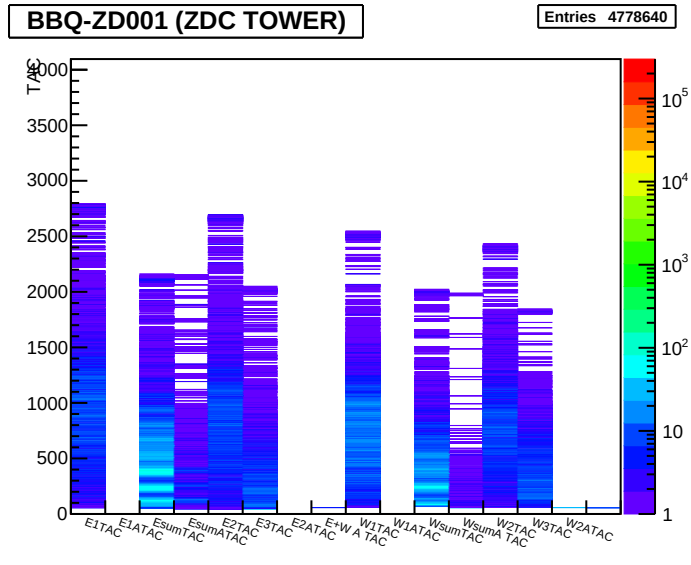

BBQ-BB001 (BBC east small tiles ADC)
Entries 4778640
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

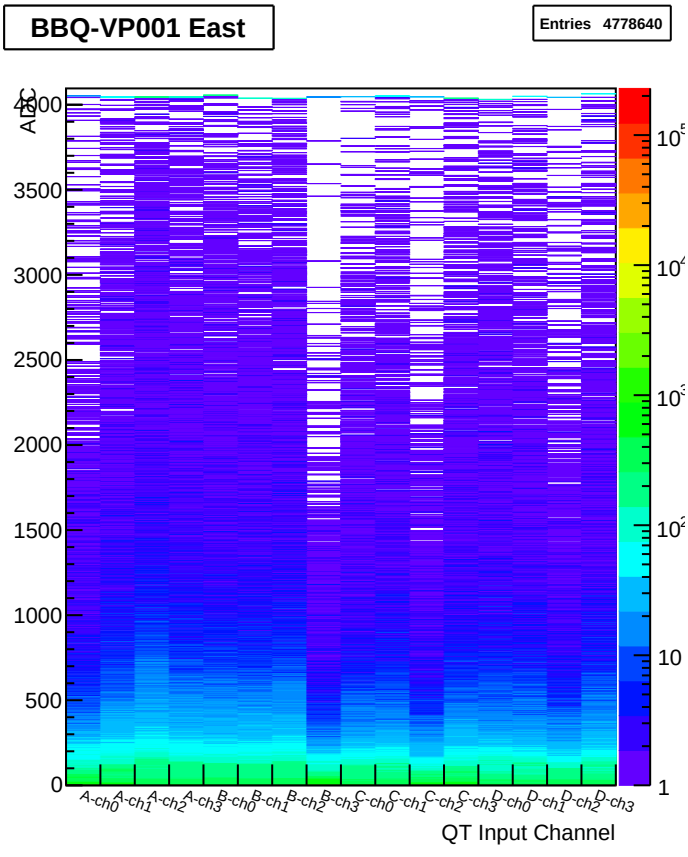

BBQ-BB001 (BBC east small tiles TAC)
Entries 4778640
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

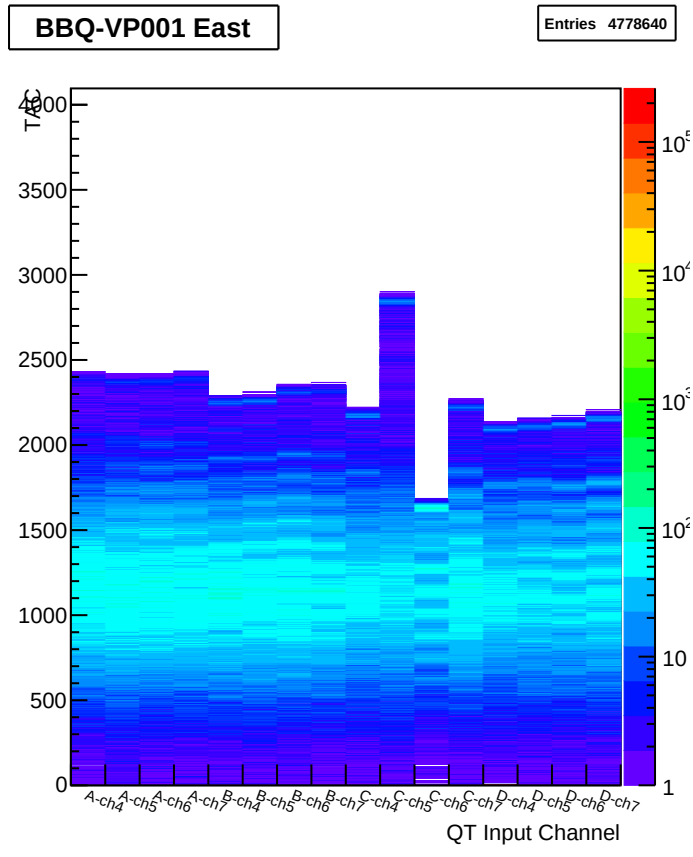

BBQ-BB002 (BBC west small tiles ADC)
Entries 4778640
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

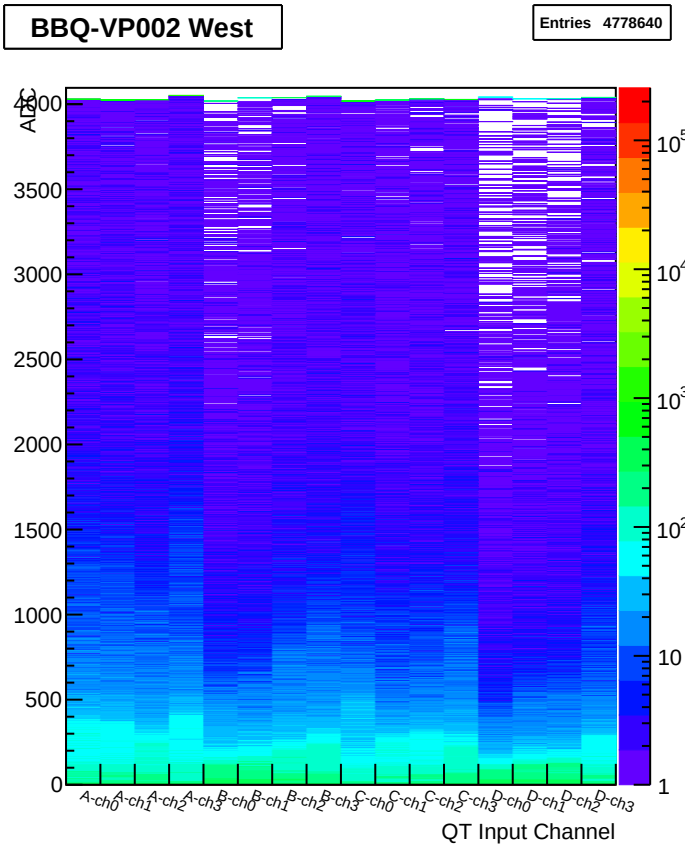

BBQ-BB002 (BBC west small tiles TAC)
Entries 4778640
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

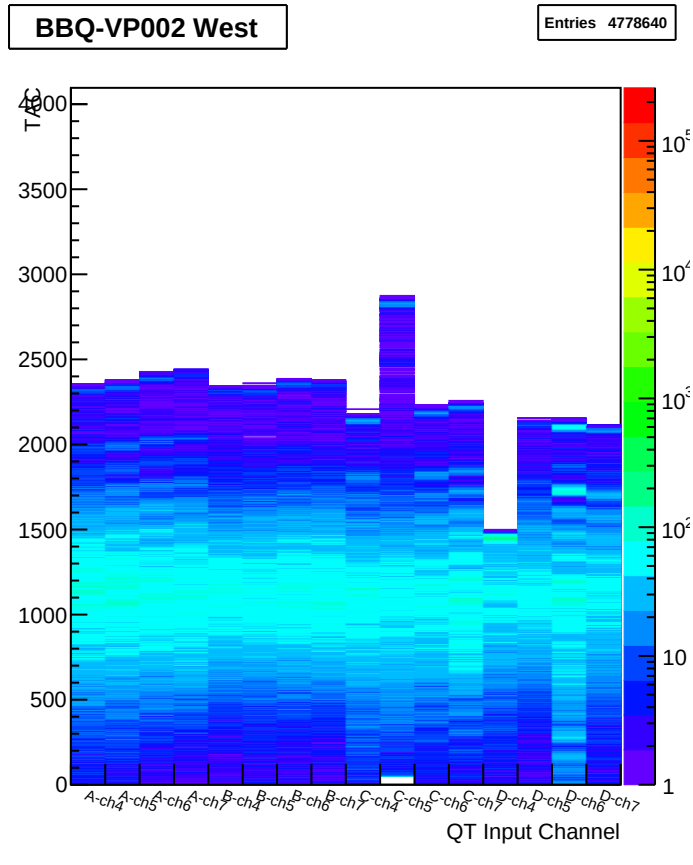

BBQ-ZD001 (ZDC TOWER)
Entries 4778640
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

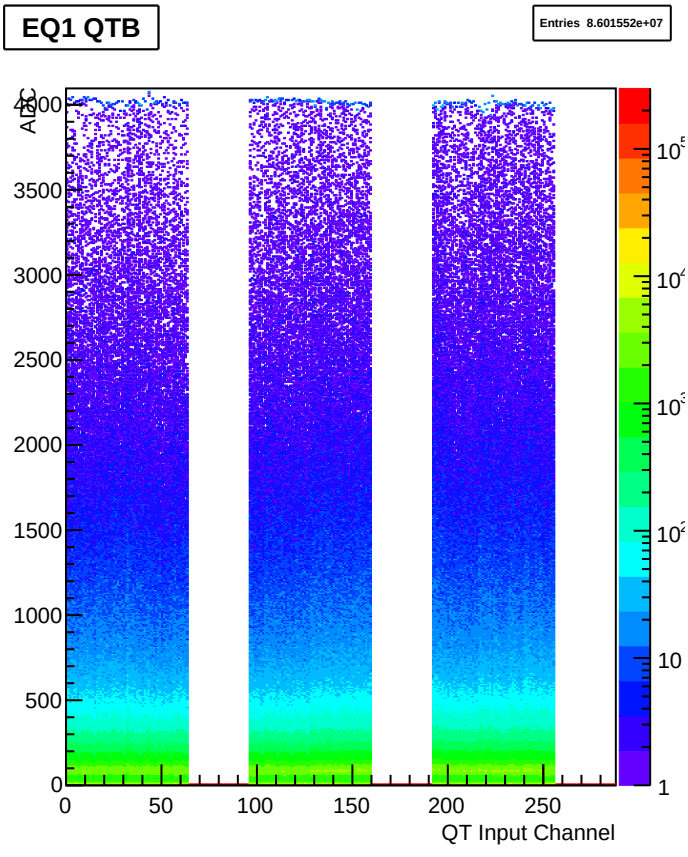

BBQ-ZD001 (ZDC TOWER)
Entries 4778640
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

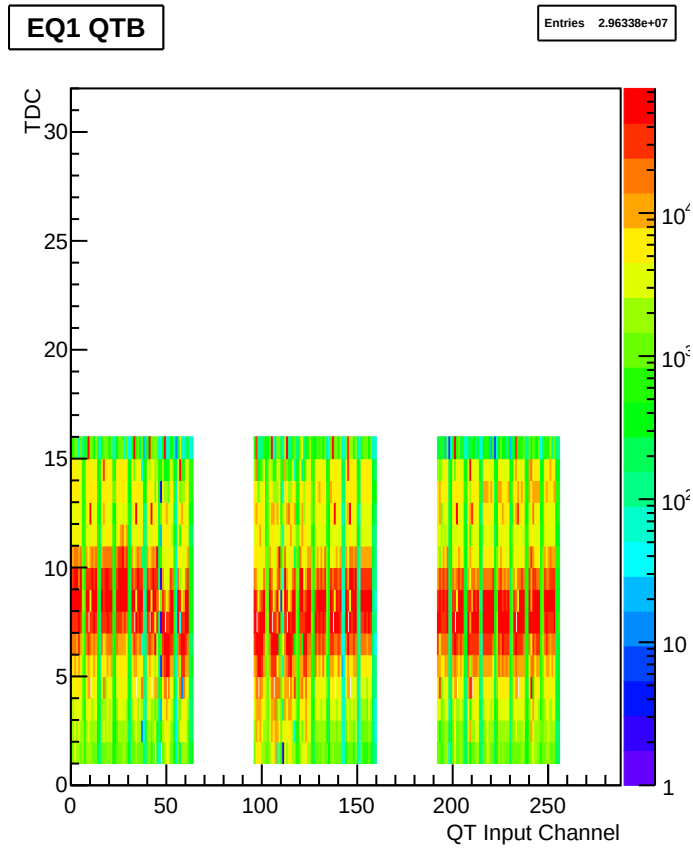

BBQ-VP001 East
Entries 4778640
ADC
QT Input Channel

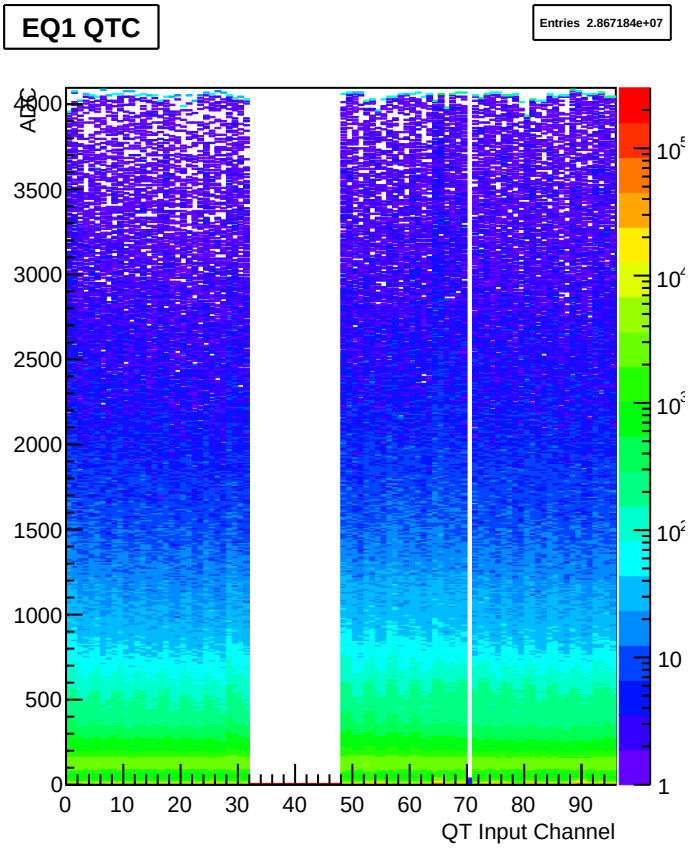

BBQ-VP001 East
Entries 4778640
ADC
QT Input Channel

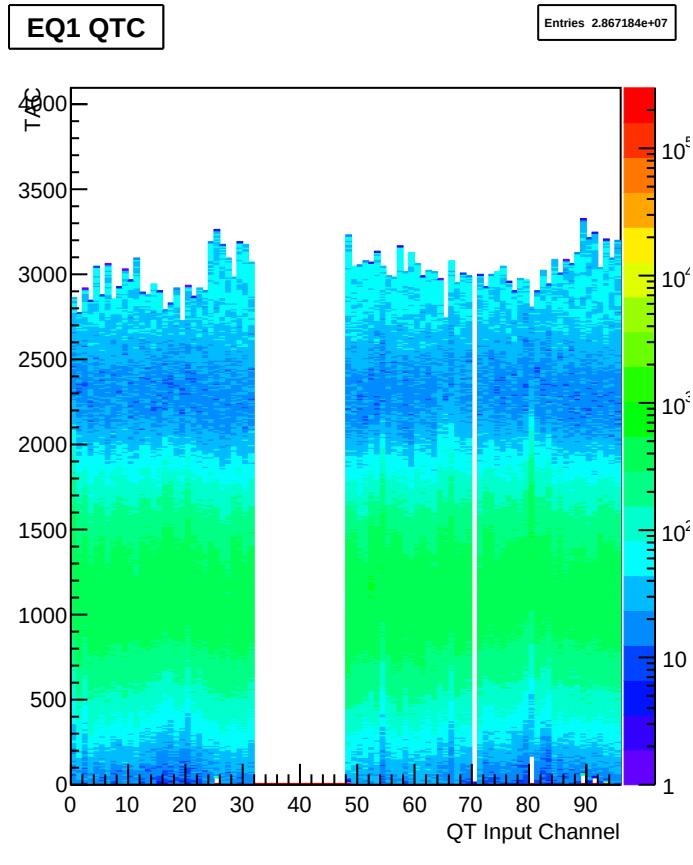

BBQ-VP002 West
Entries 4778640
ADC
QT Input Channel

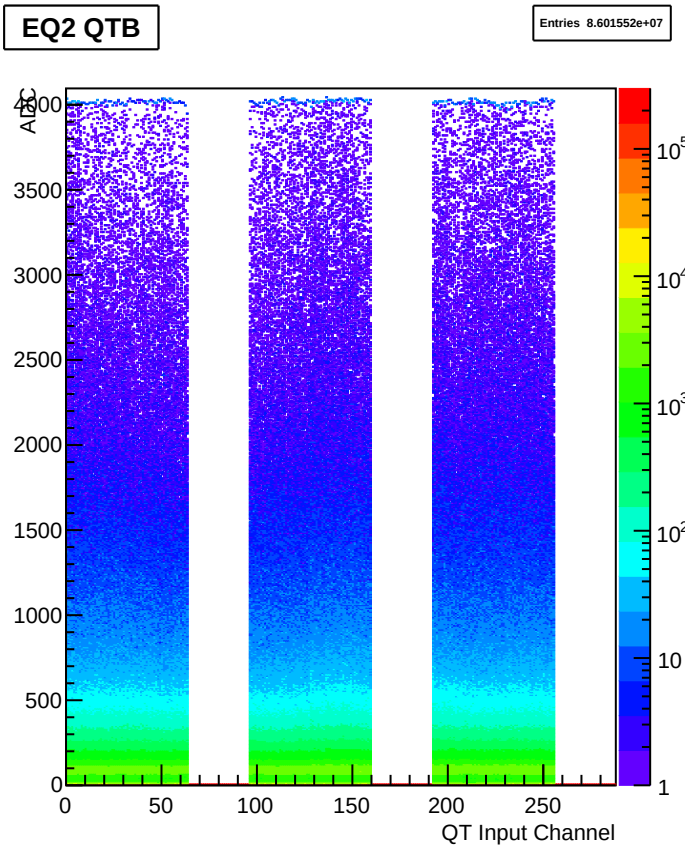

BBQ-VP002 West
Entries 4778640
ADC
QT Input Channel

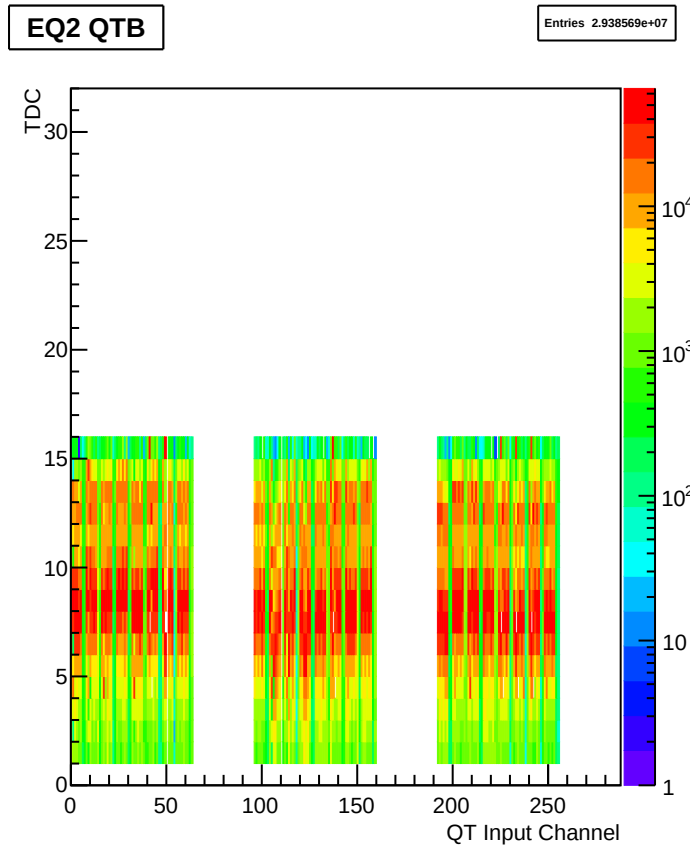

EQ1 QTB
Entries 8.601552e+07
ADC
QT Input Channel

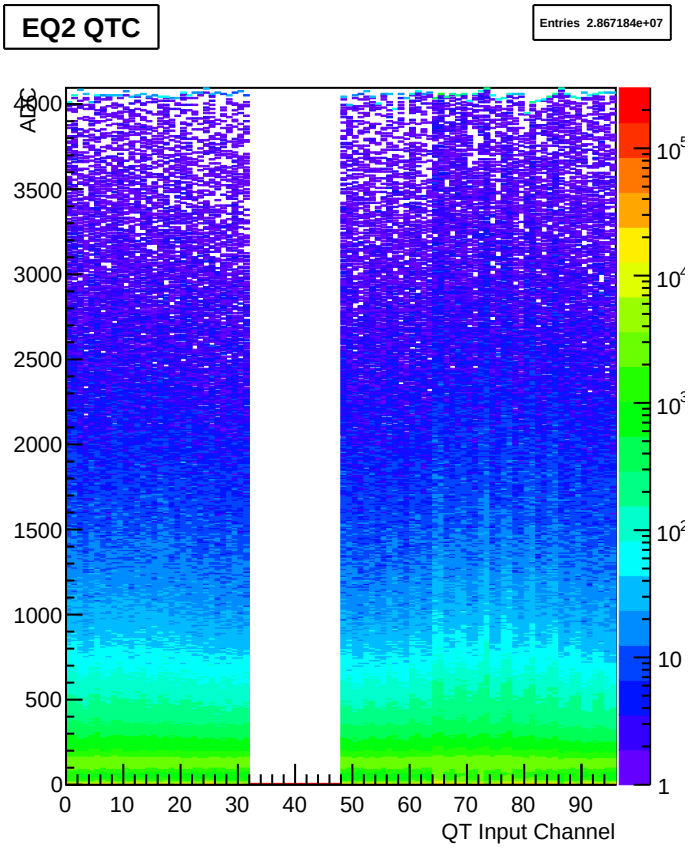

EQ1 QTB
Entries 2.96338e+07
TDC
QT Input Channel

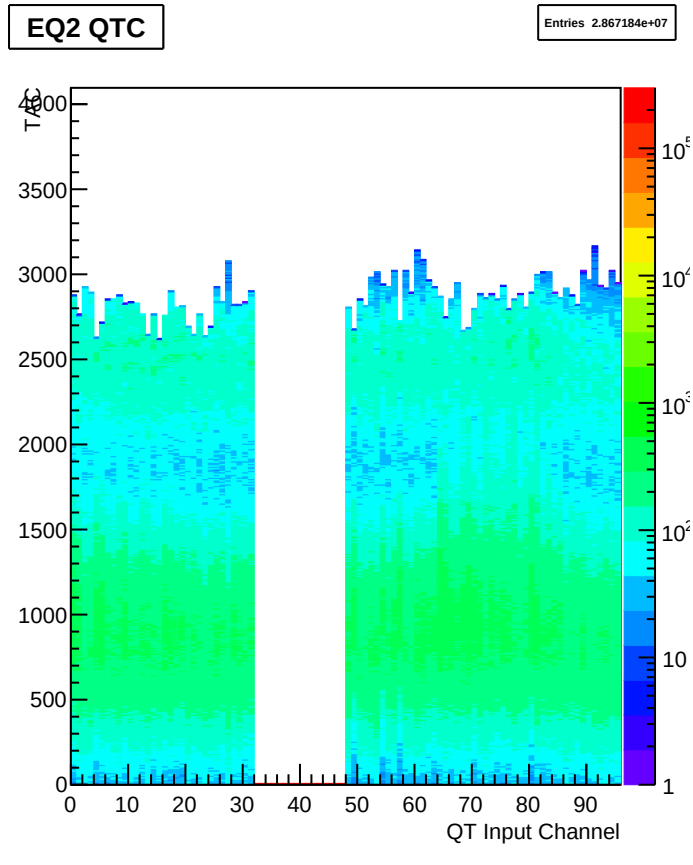

EQ1 QTC
Entries 2.867184e+07
ADC
QT Input Channel

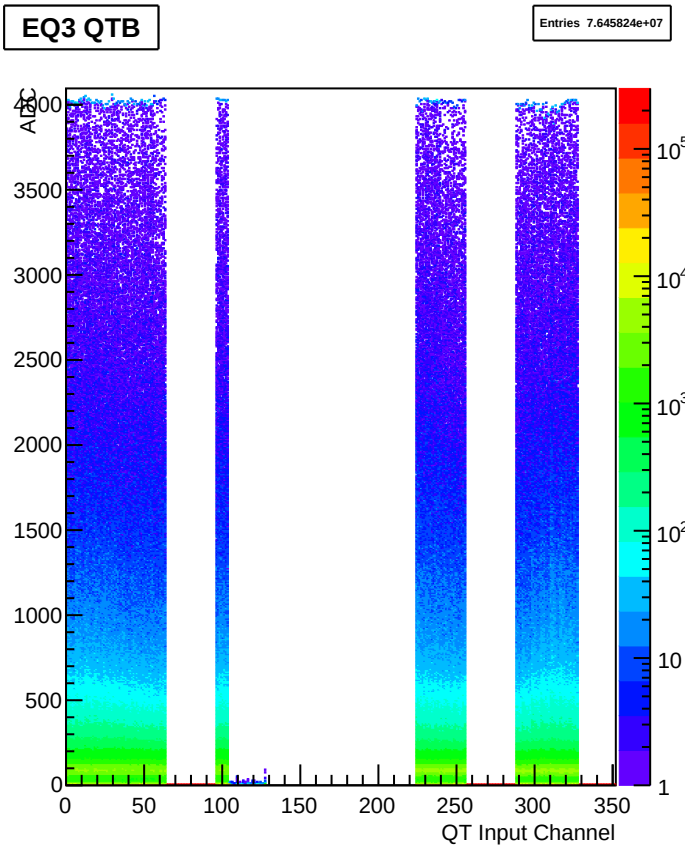

EQ1 QTC
Entries 2.867184e+07
TADC
QT Input Channel

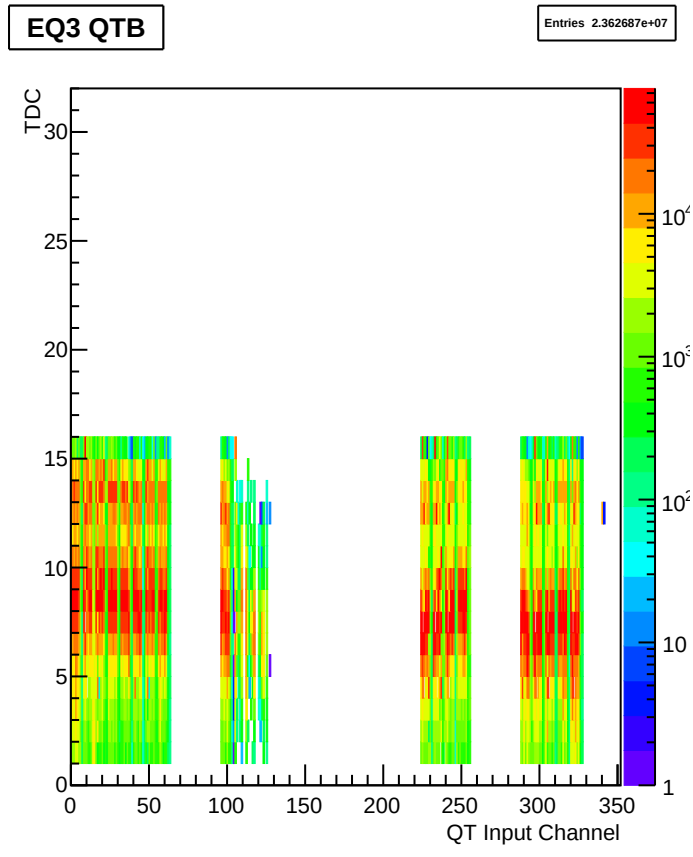

EQ2 QTB
Entries 8.601552e+07
ADC
QT Input Channel

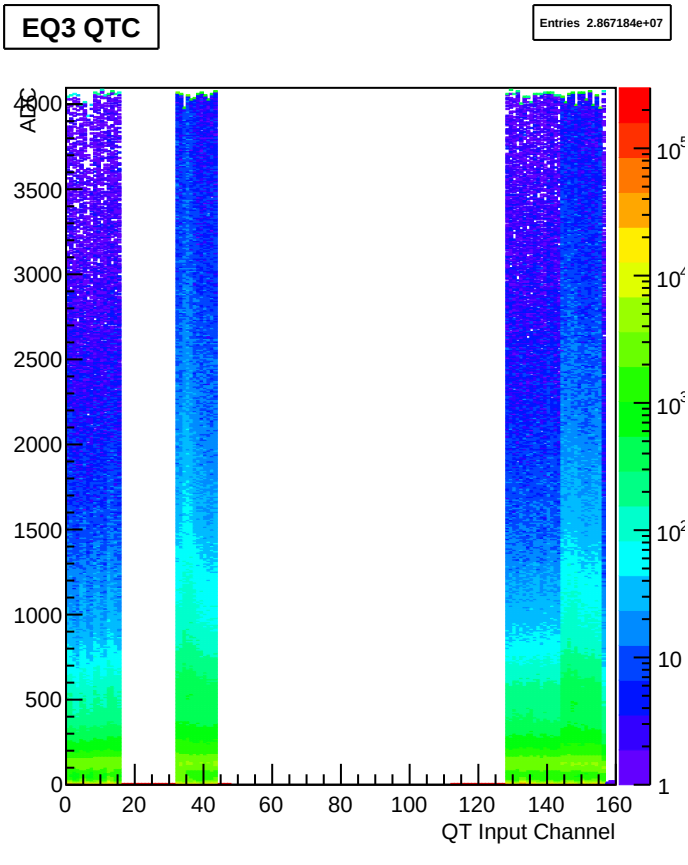

EQ2 QTB
Entries 2.938569e+07
TDC
QT Input Channel

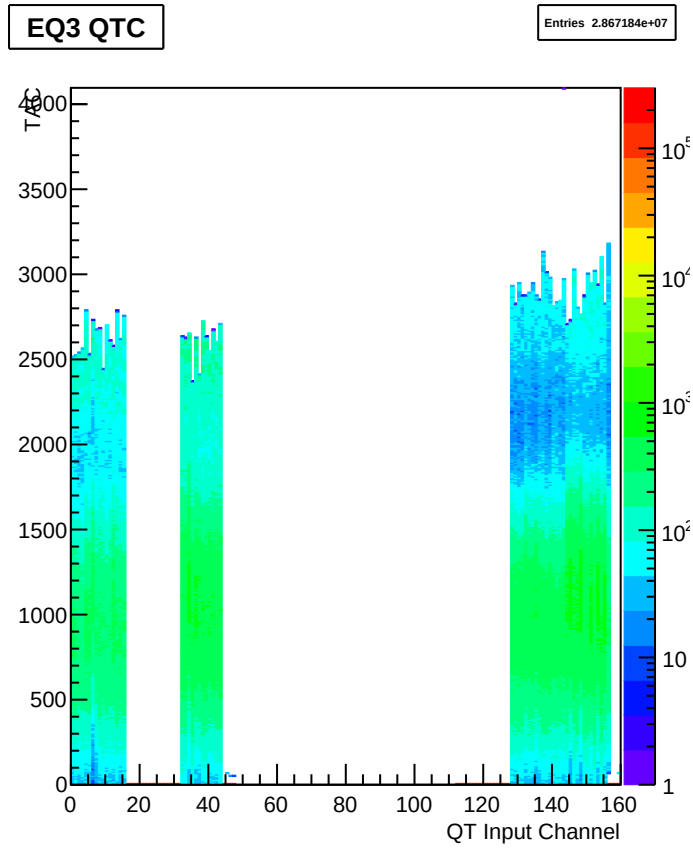

EQ2 QTC
Entries 2.867184e+07
ADC
QT Input Channel

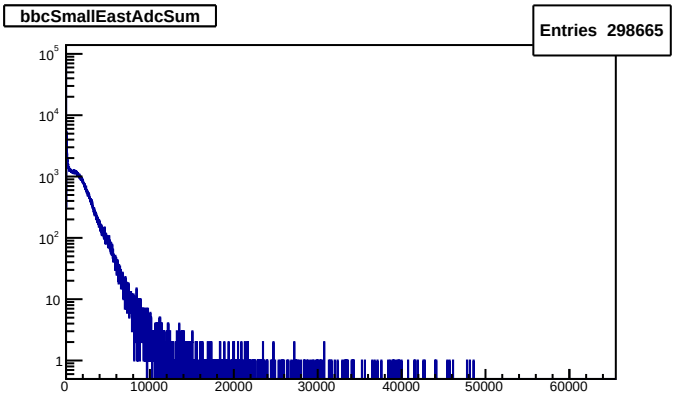

EQ2 QTC
Entries 2.867184e+07
TADC
QT Input Channel

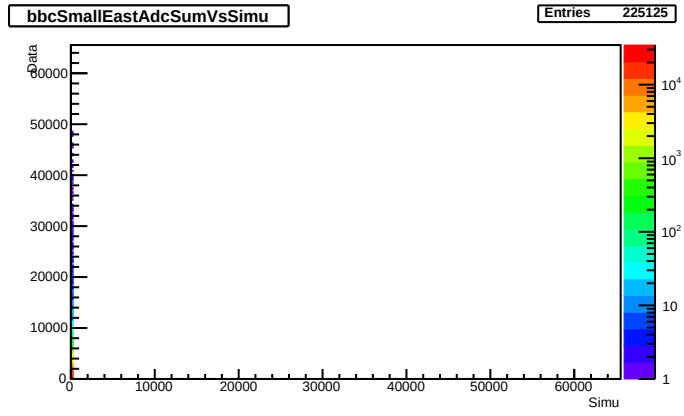

EQ3 QTB
Entries 7.645824e+07
ADC
QT Input Channel

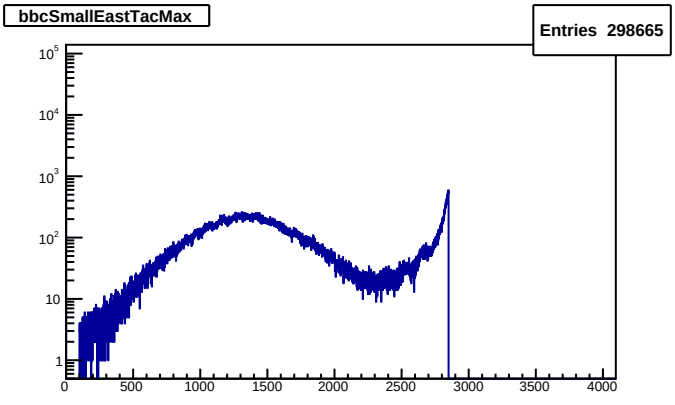

EQ3 QTB
Entries 2.362687e+07
TDC
QT Input Channel

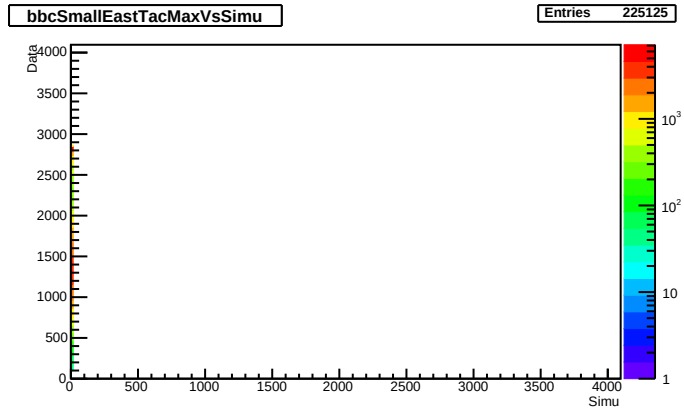

EQ3 QTC
Entries 2.867184e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.867184e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 298665


bbcSmallEastAdcSumVsSimu
Entries 225125
Data
Simu


bbcSmallEastTacMax
Entries 298665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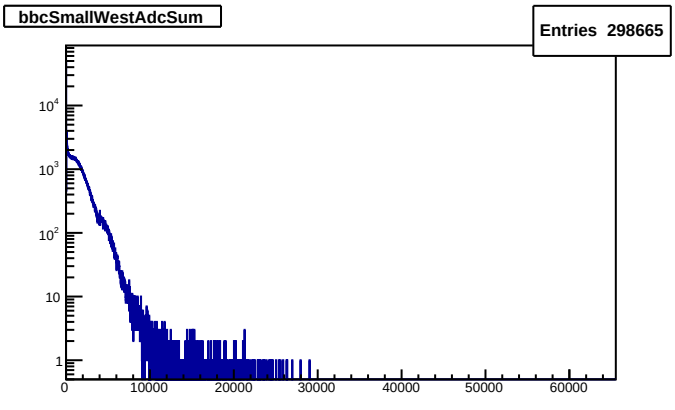
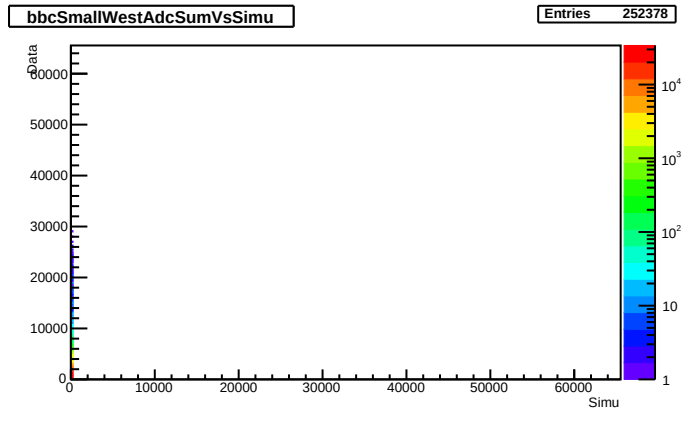
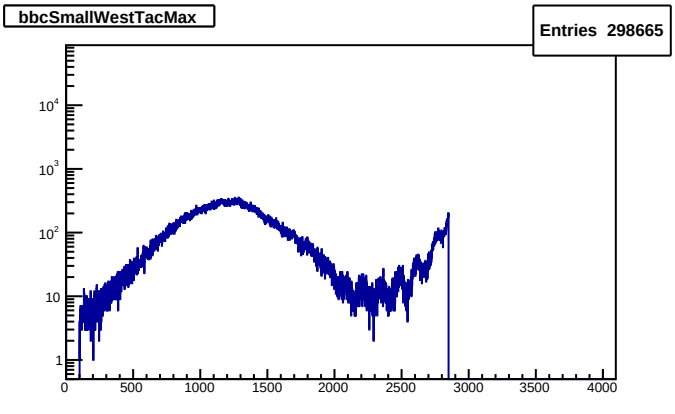
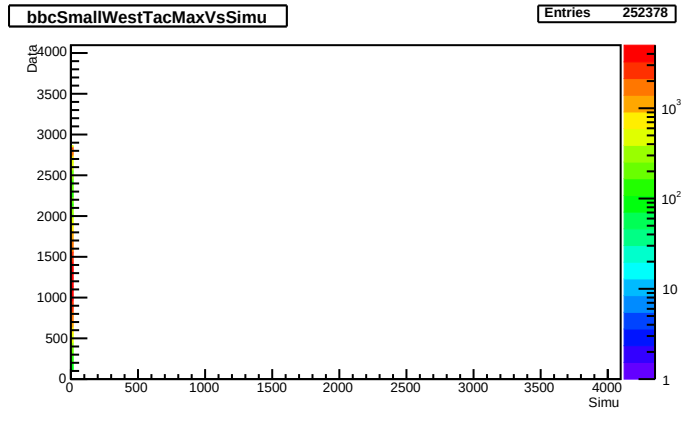
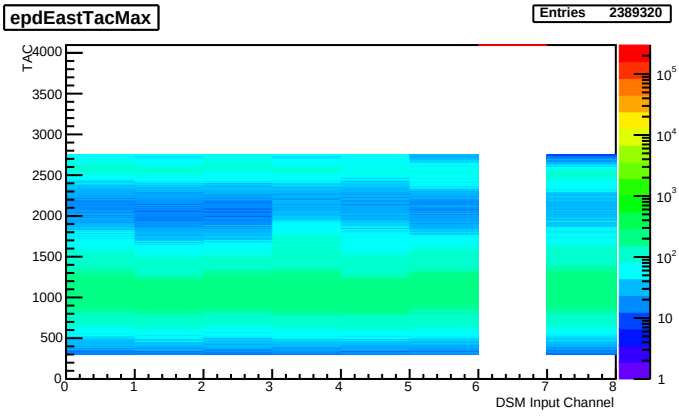
Entries 225125
Data
Simu

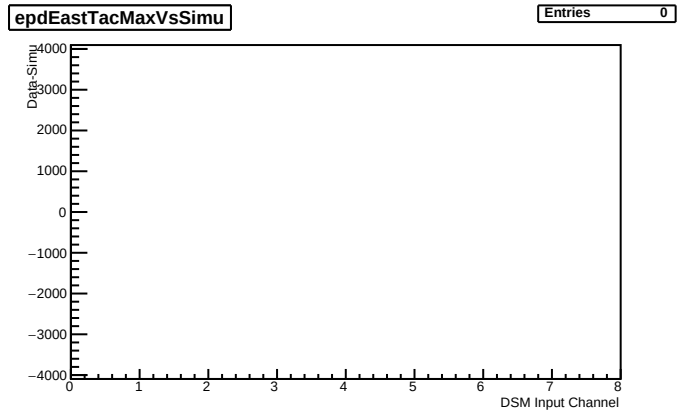

bbcSmallWestAdcSum
Entries 298665

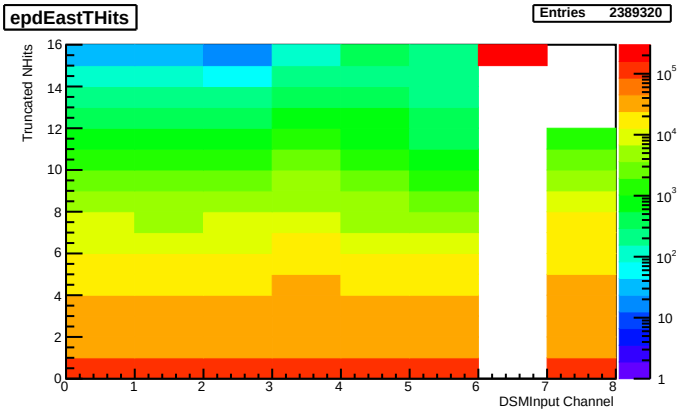

bbcSmallWestAdcSumVsSimu
Entries 252378
Data
Simu

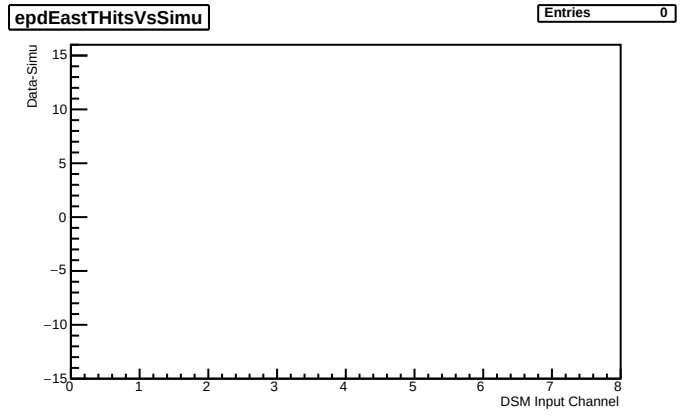

bbcSmallWestTacMax
Entries 298665


bbcSmallWestTacMaxVsSimu
Entries 252378
Data
Simu


epdEastTacMax
Entries 2389320
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2389320
Truncated NHits
DSMInput Channel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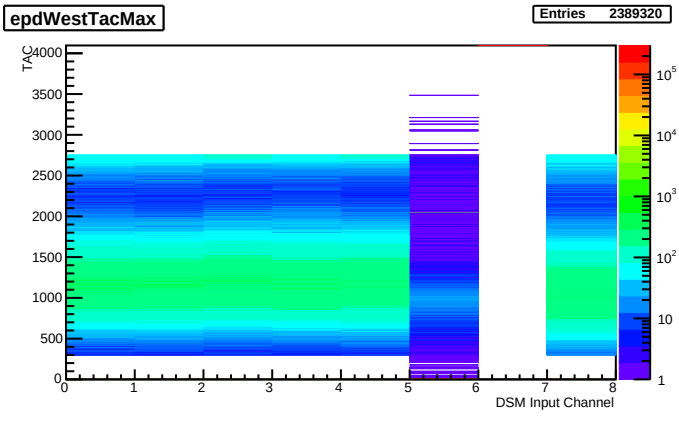
Data-Simu
DSM Input Channel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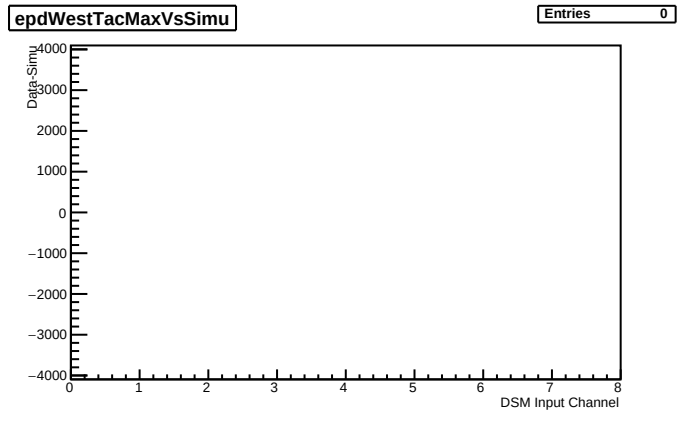
Entries 2389320
TAC
DSM Input Channel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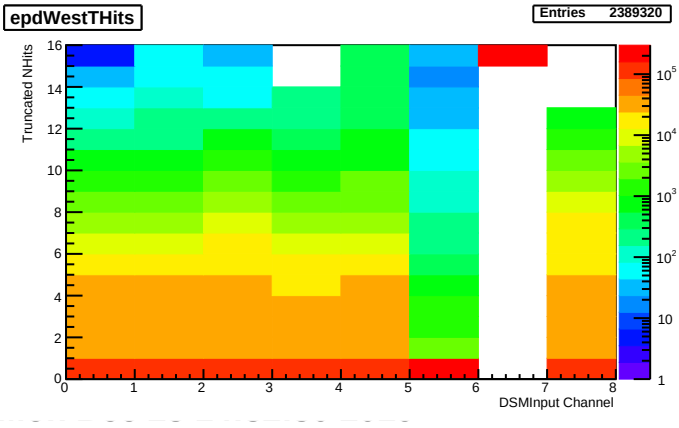
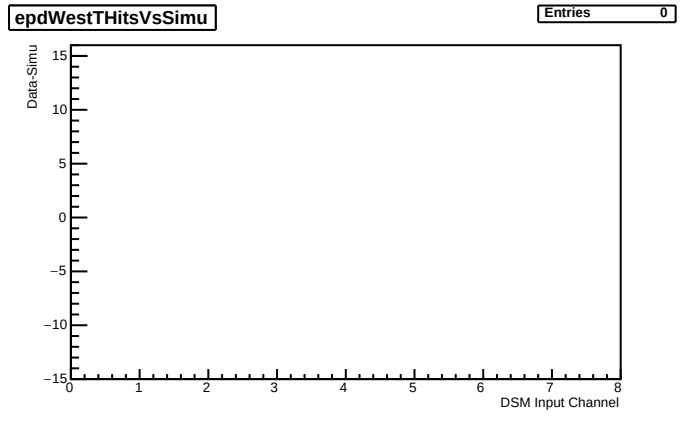
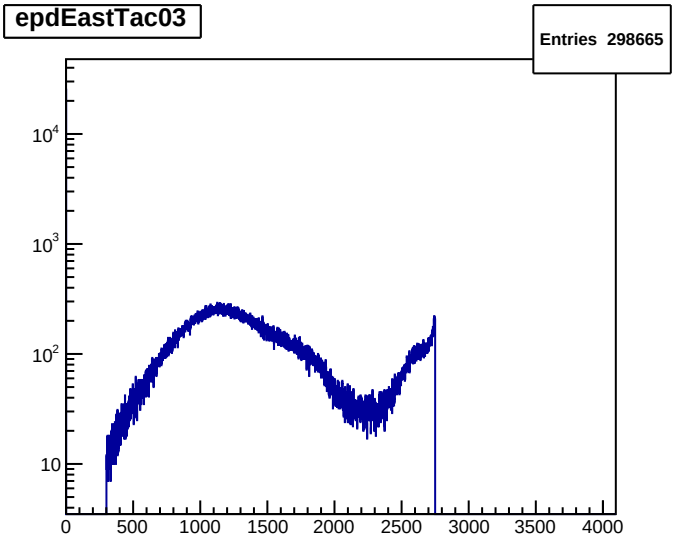
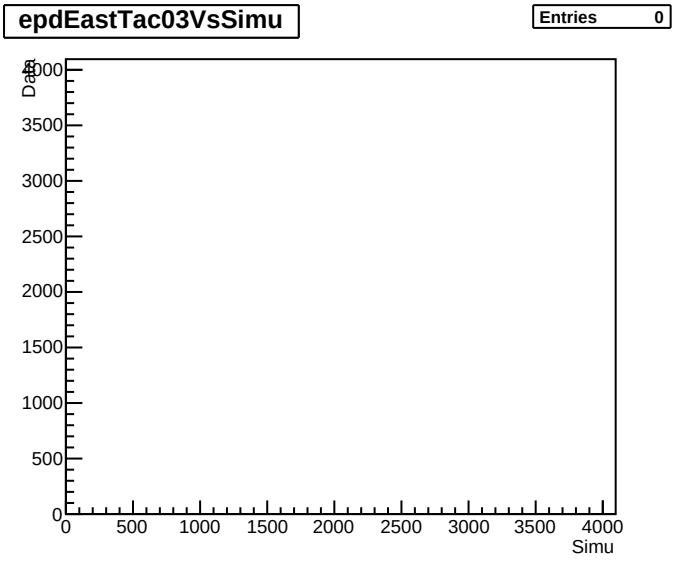
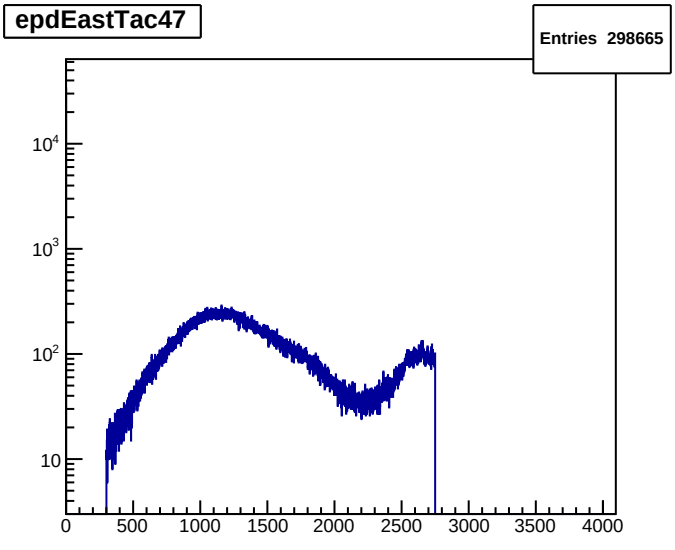
Entries 0
Data-Simu
DSM Input Channel

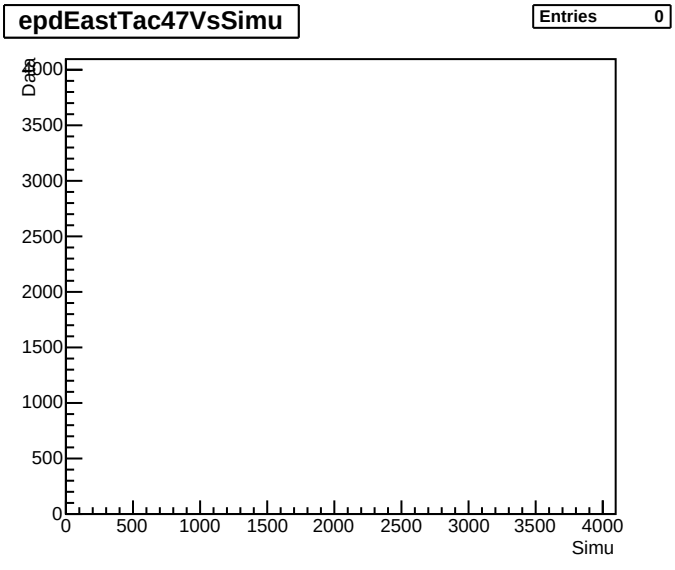

epdWestTHits
Entries 2389320
Truncated NHits
DSMInput Channel

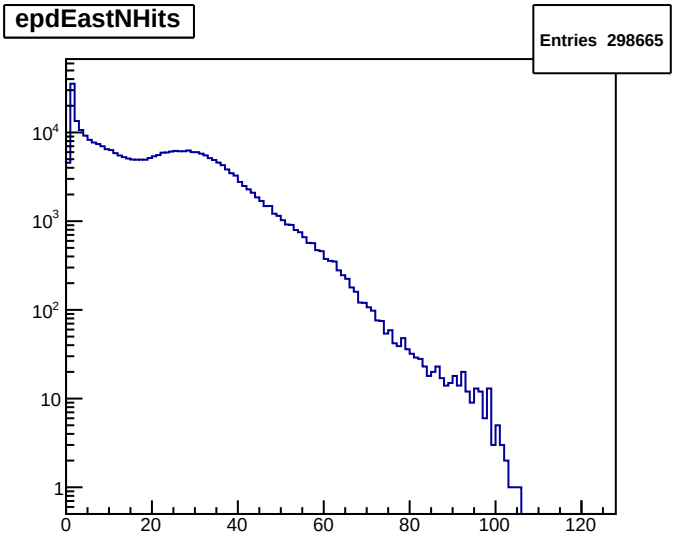

epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel

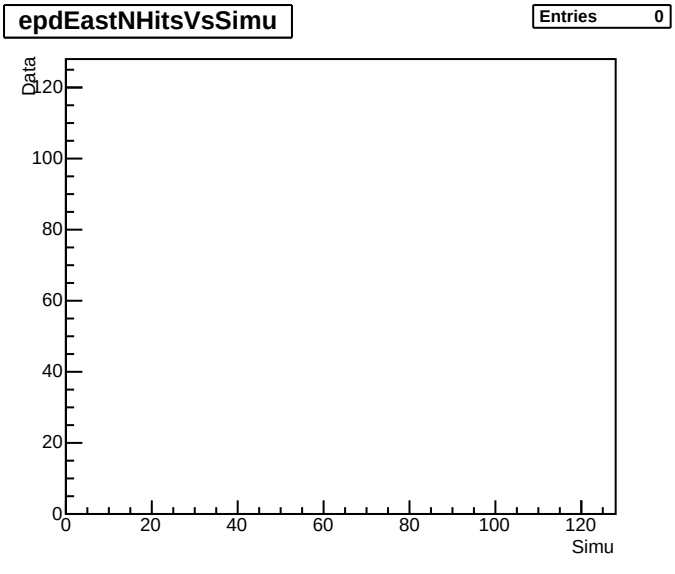

epdEastTac03
Entries 298665


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 298665


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 298665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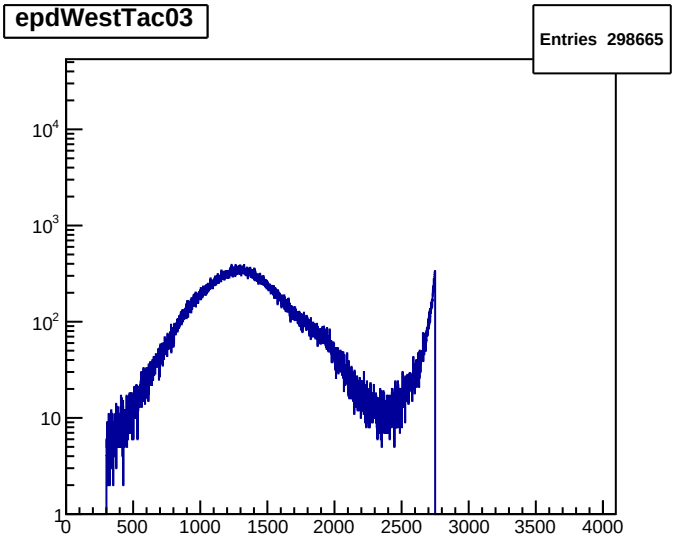
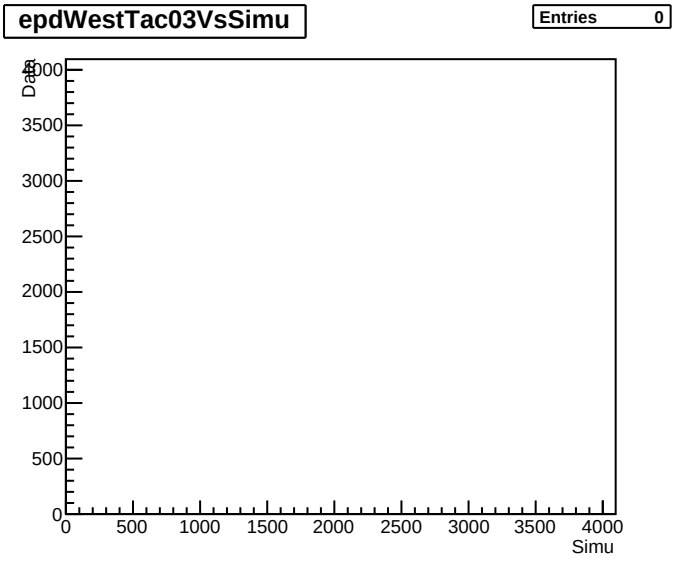
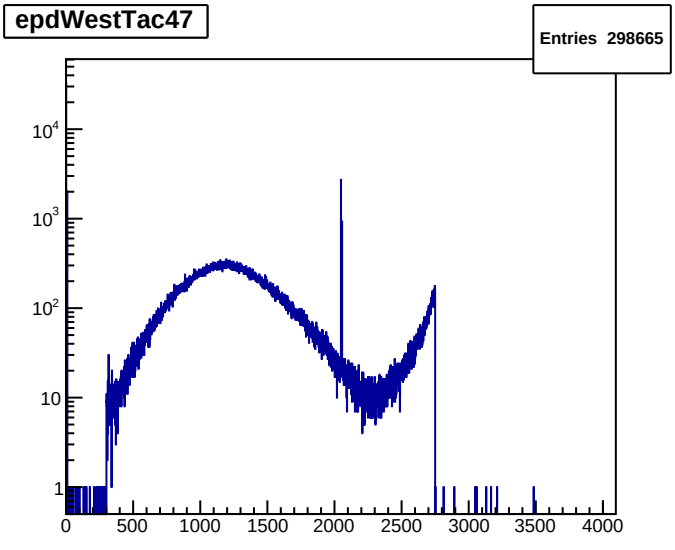
Entries 0
Data
Simu


epdWestTac03
Entries 298665


epdWestTac03VsSimu
Entries 0
Data
Simu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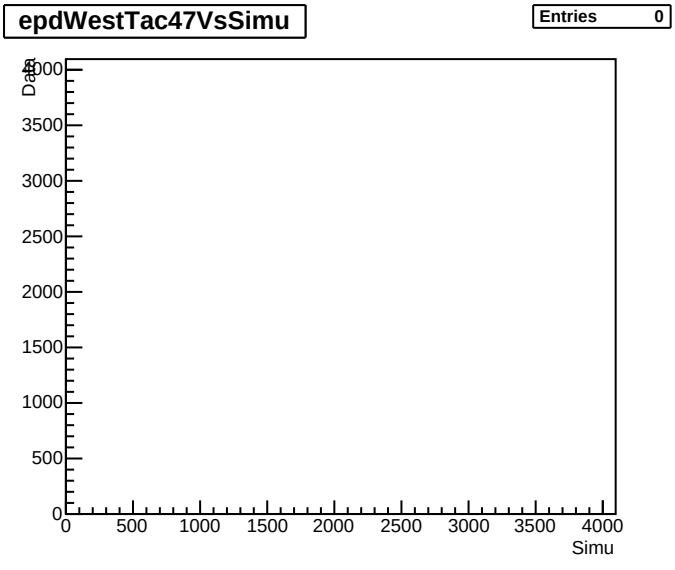
Entries 298665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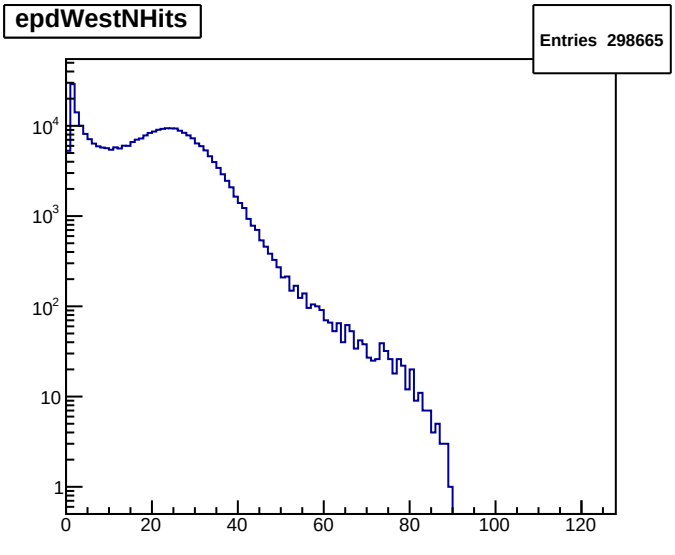
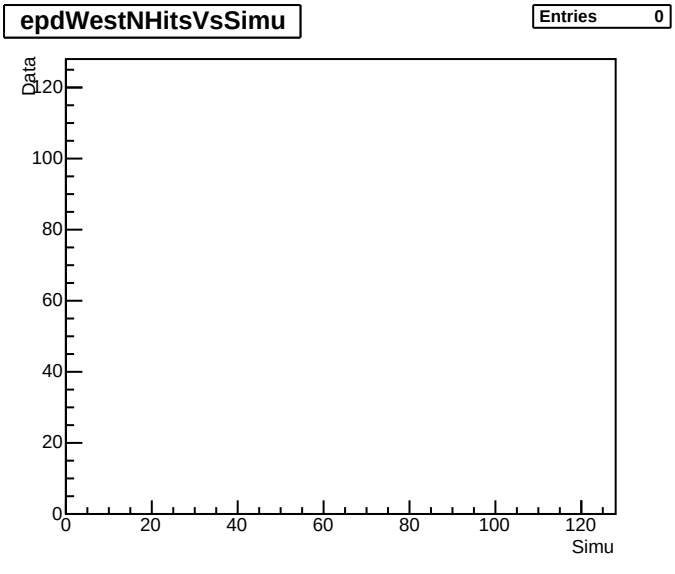
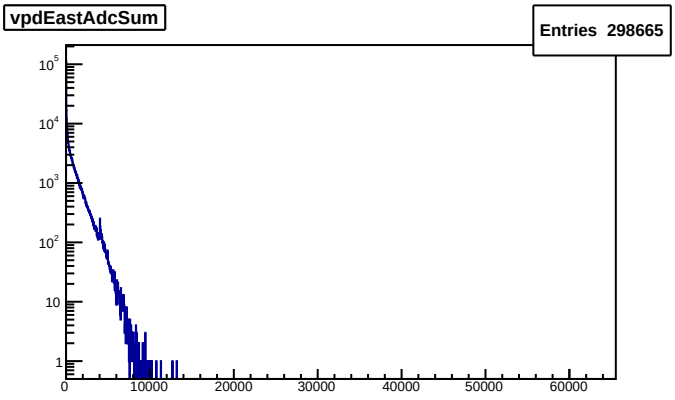
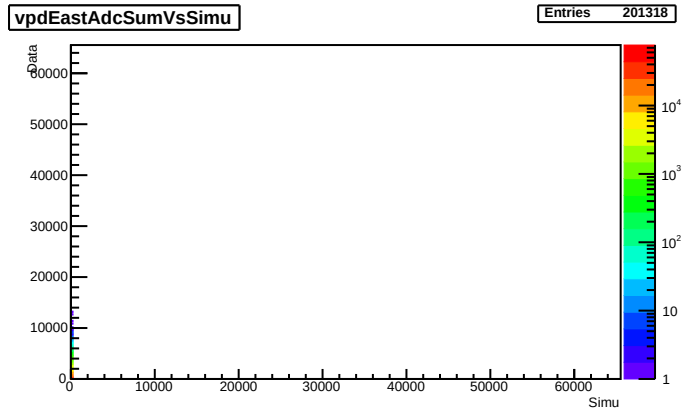
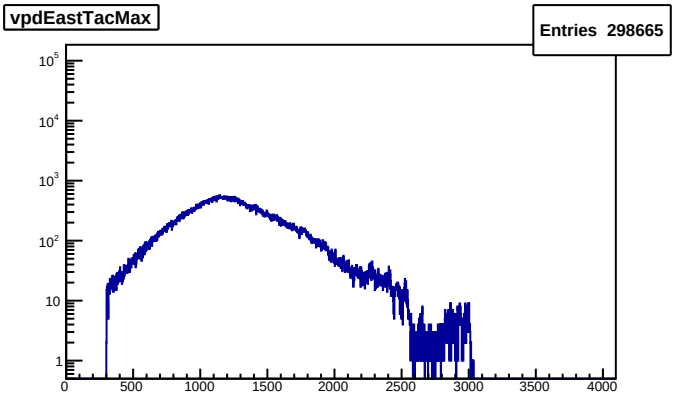
Entries 0
Data
Simu

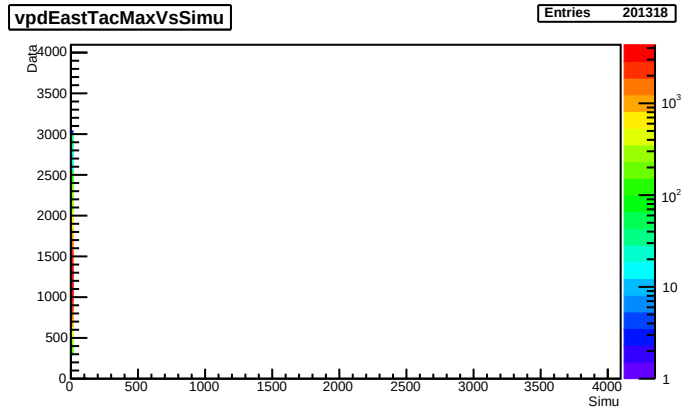

epdWestNHits
Entries 298665

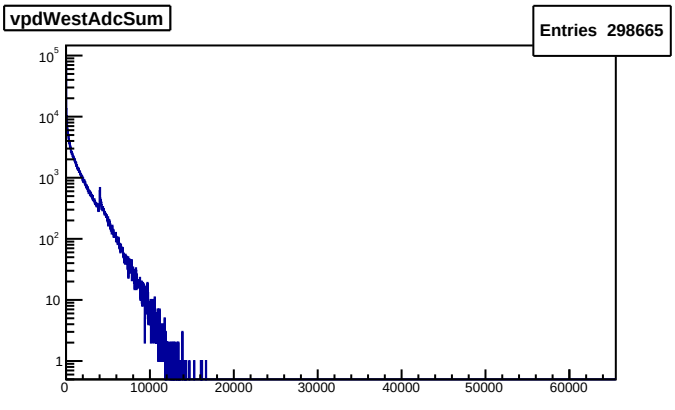

epdWestNHitsVsSimu
Entries 0
Data
Simu

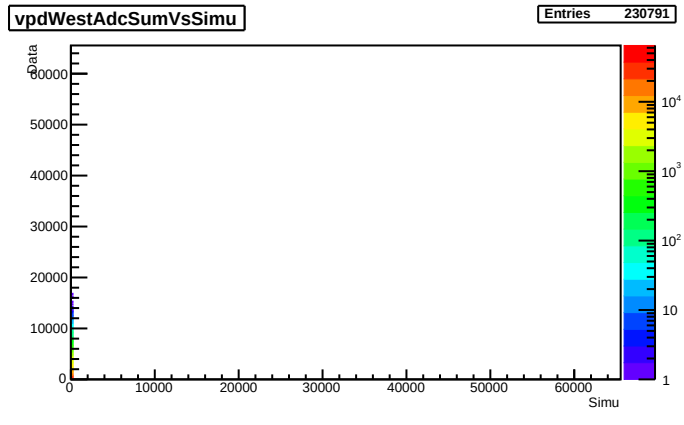

vpdEastAdcSum
Entries 298665

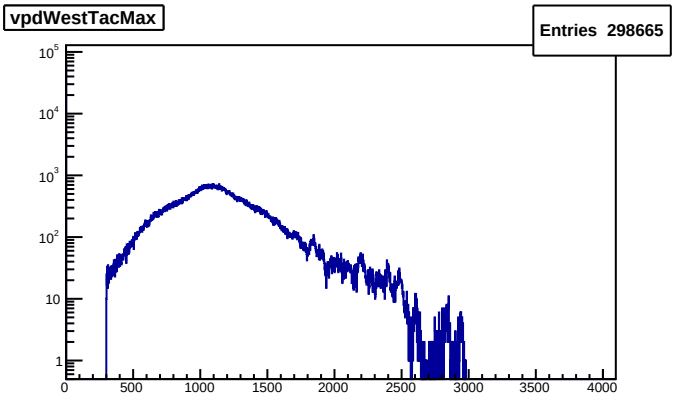

vpdEastAdcSumVsSimu
Entries 201318
Data
Simu

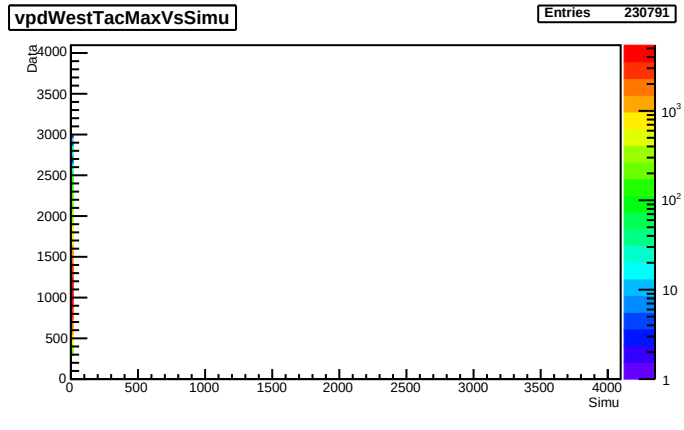

vpdEastTacMax
Entries 298665

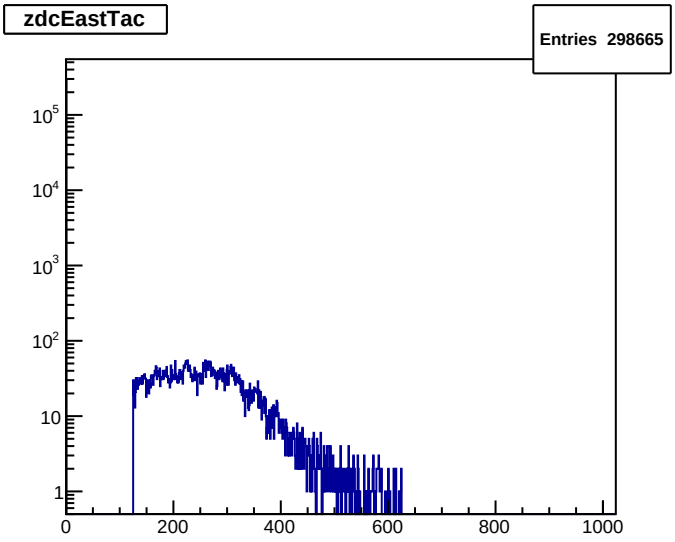

vpdEastTacMaxVsSimu
Entries 201318
Data
Simu

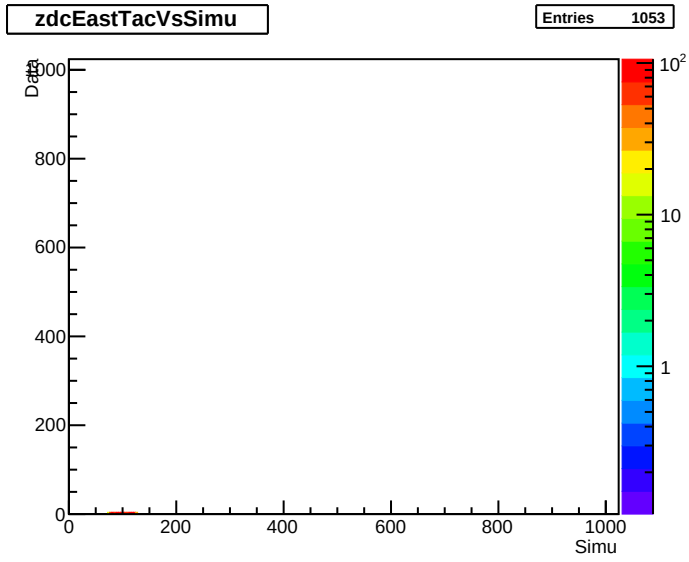

vpdWestAdcSum
Entries 298665

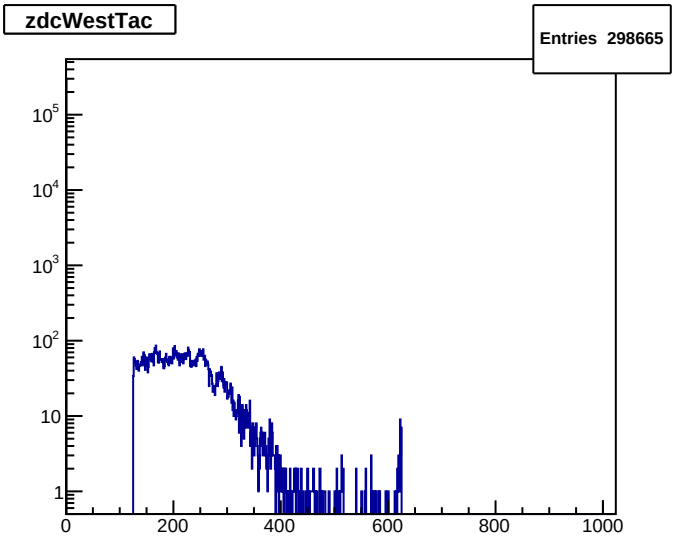

vpdWestAdcSumVsSimu
Entries 230791
Data
Simu

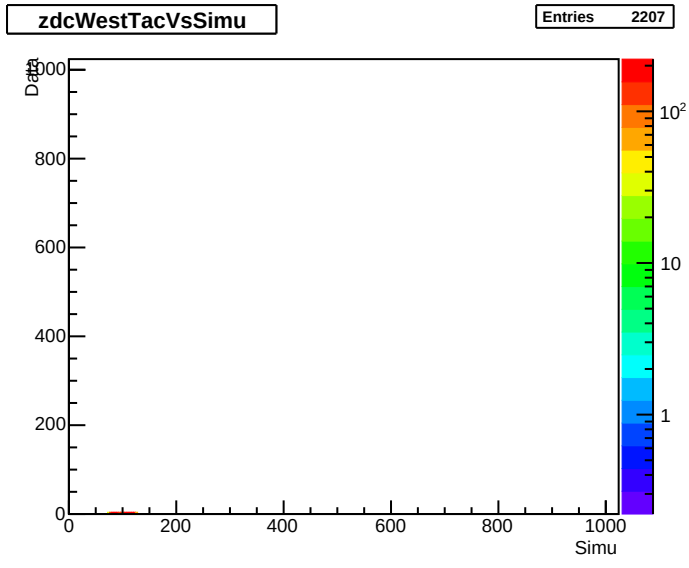

vpdWestTacMax
Entries 298665

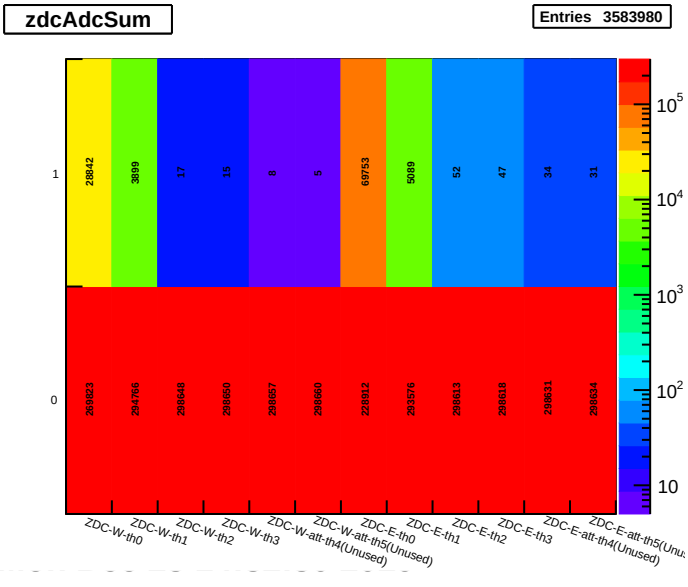

vpdWestTacMaxVsSimu
Entries 230791
Data
Simu

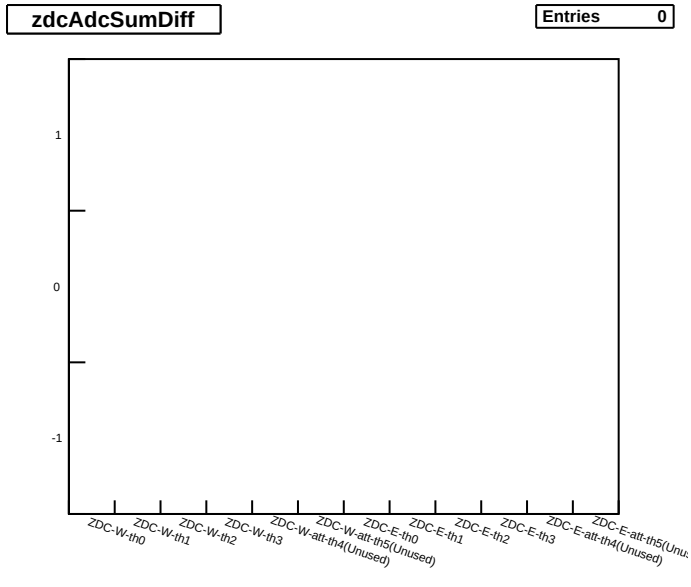

zdcEastTac
Entries 298665

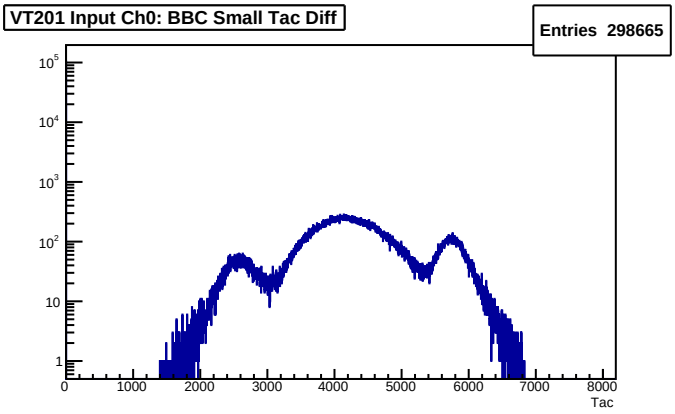

zdcEastTacVsSimu
Entries 1053
Data
Simu

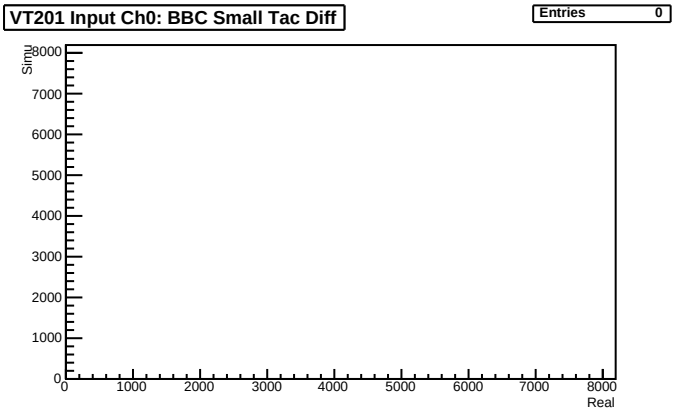

zdcWestTac
Entries 298665

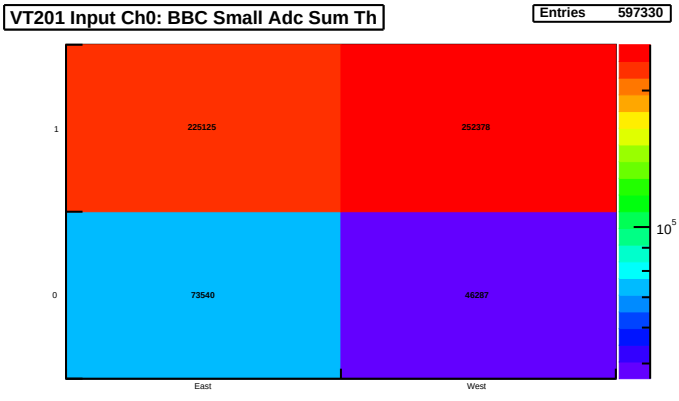

zdcWestTacVsSimu
Entries 2207
Data
Simu

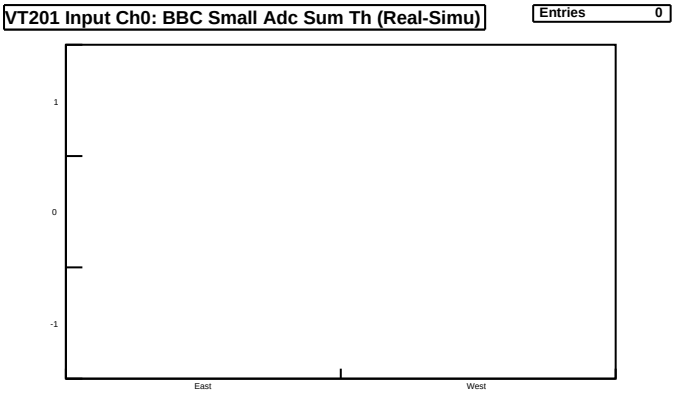

zdcAdcSum
Entries 3583980
28842
3899
17
15
8
5
69753
5089
52
47
34
31
269823
294766
298648
298650
298657
298660
228912
293576
298613
298618
298631
298634
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

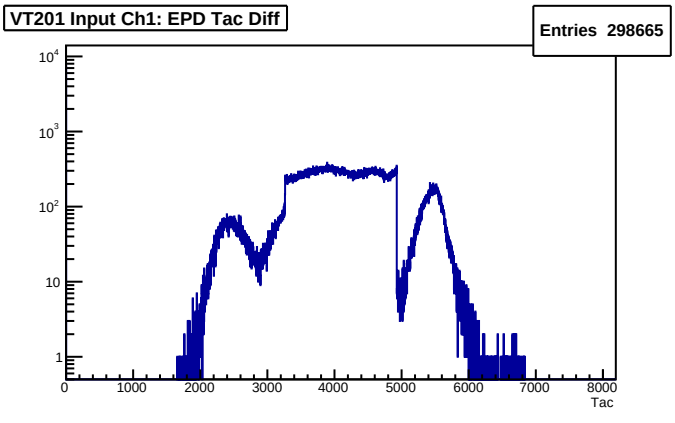

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

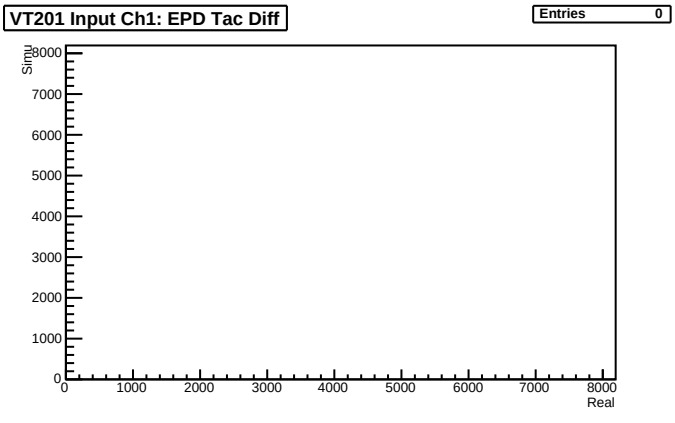

VT201 Input Ch0: BBC Small Tac Diff
Entries 298665
Tac

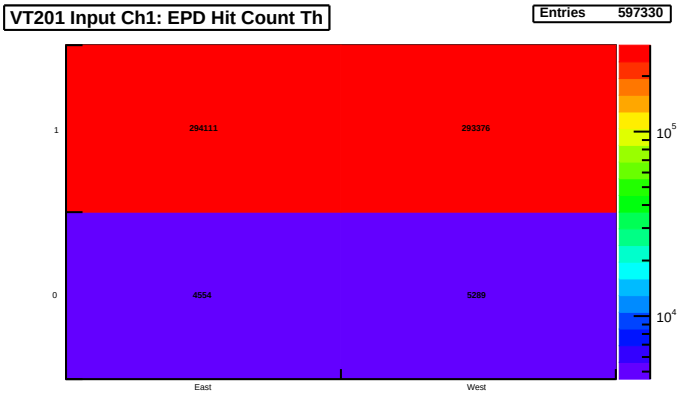

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

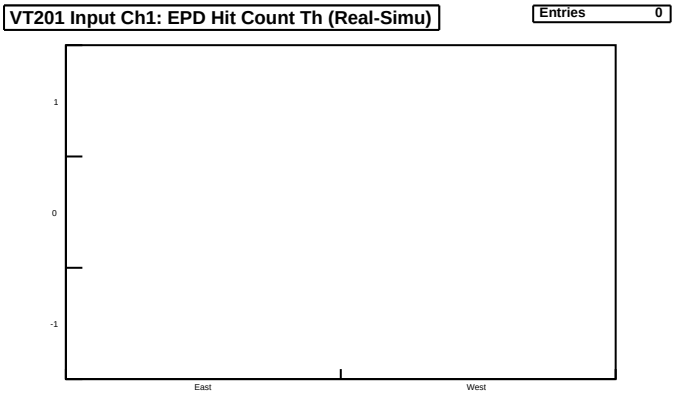

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 597330
225125
252378
73540
46287
East
West

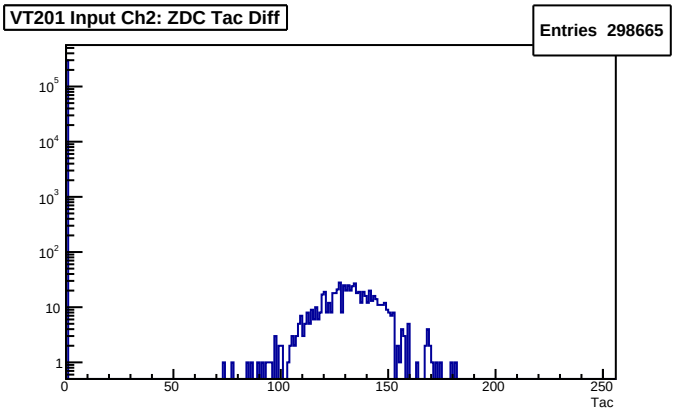

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

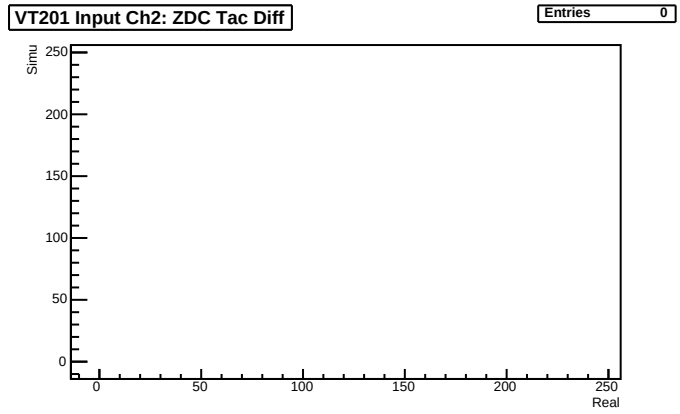

VT201 Input Ch1: EPD Tac Diff
Entries 298665
Tac

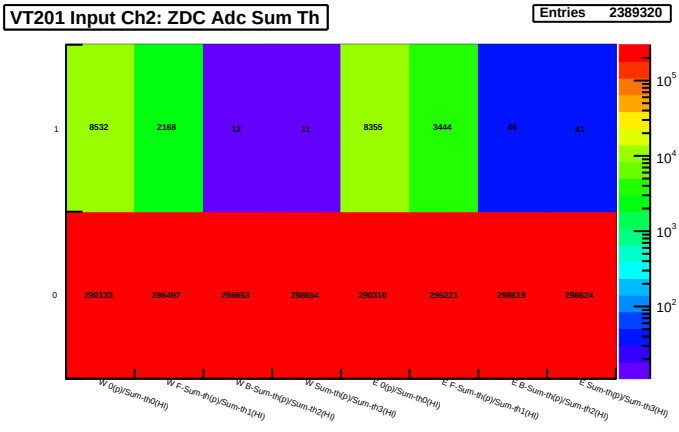

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

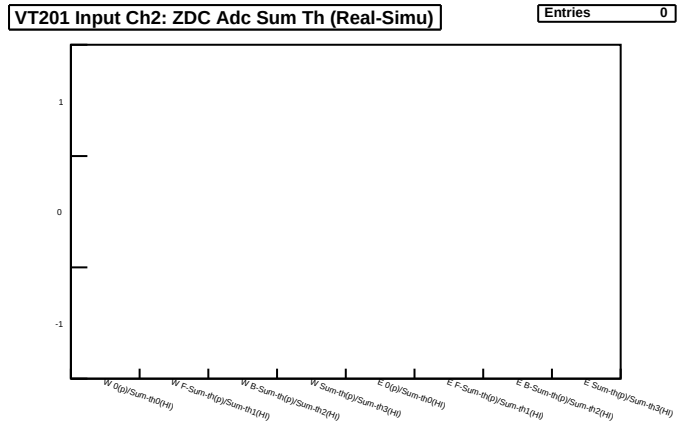

VT201 Input Ch1: EPD Hit Count Th
Entries 597330
294111
293376
4554
5289
East
West

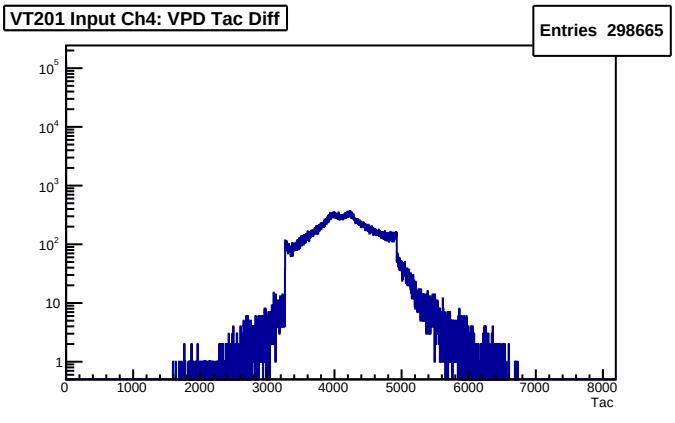

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

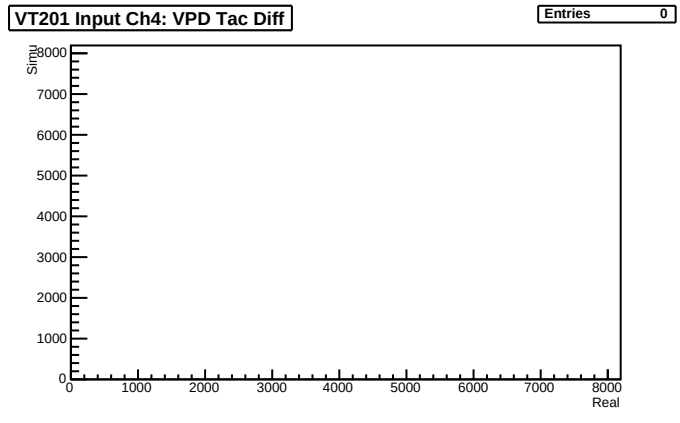

VT201 Input Ch2: ZDC Tac Diff
Entries 298665
Tac

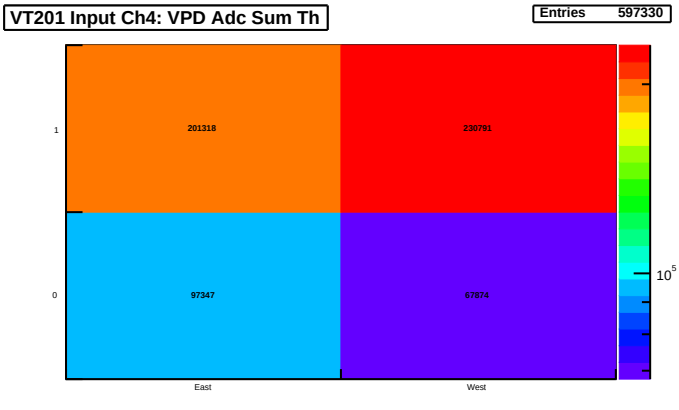

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

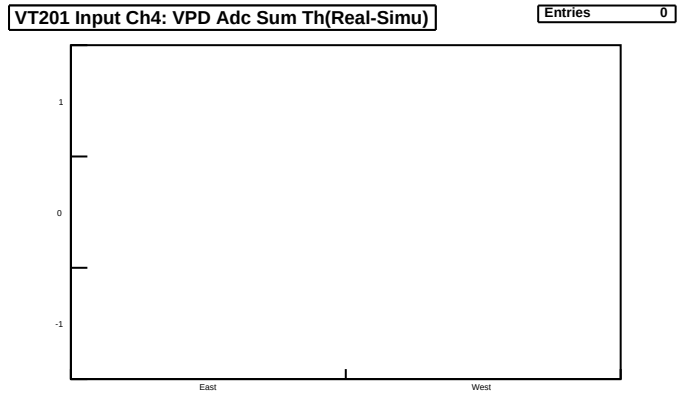

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2389320
8532
2168
12
11
8355
3444
46
41
290133
296497
298653
298654
290310
295221
298619
298624
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

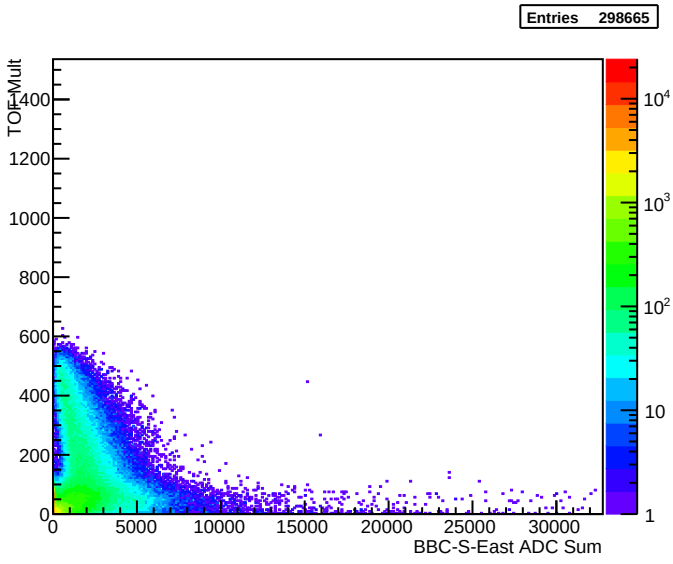

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

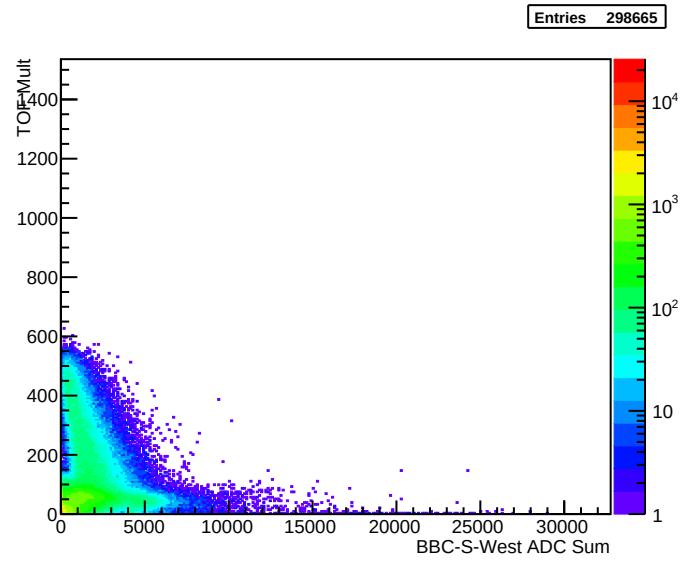

VT201 Input Ch4: VPD Tac Diff
Entries 298665
Tac

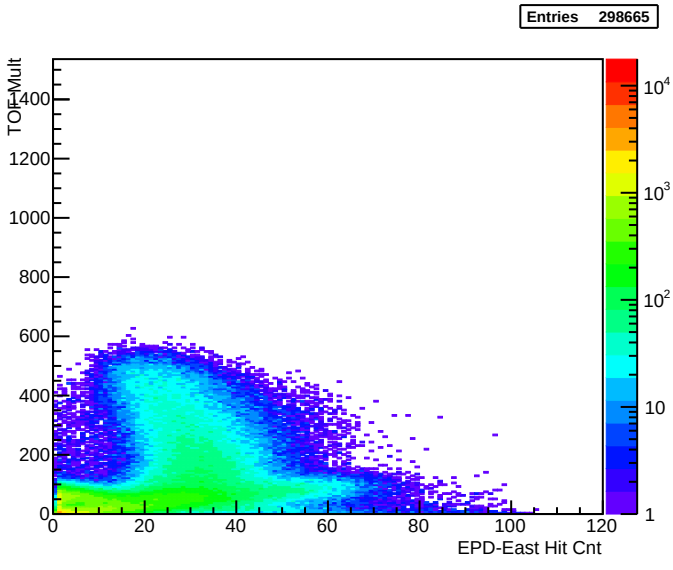

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

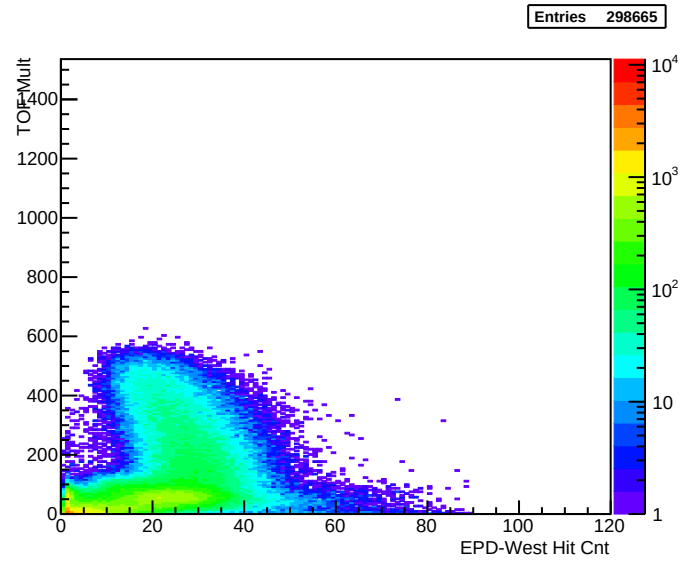

VT201 Input Ch4: VPD Adc Sum Th
Entries 597330
201318
230791
97347
67874
East
West

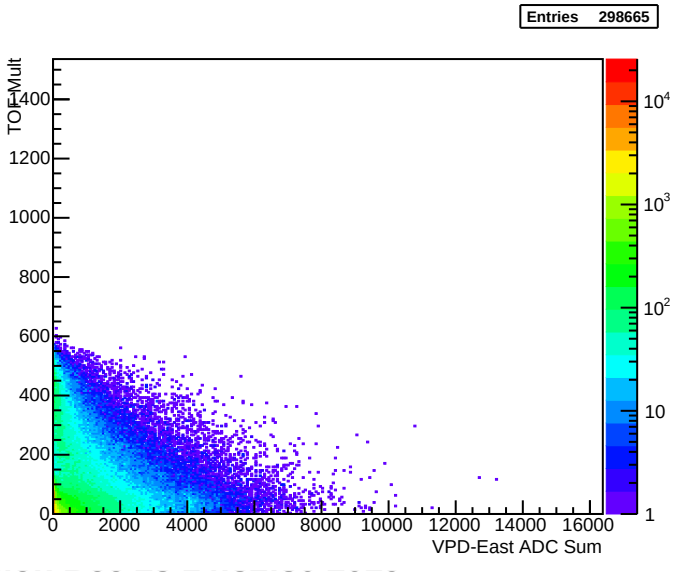

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

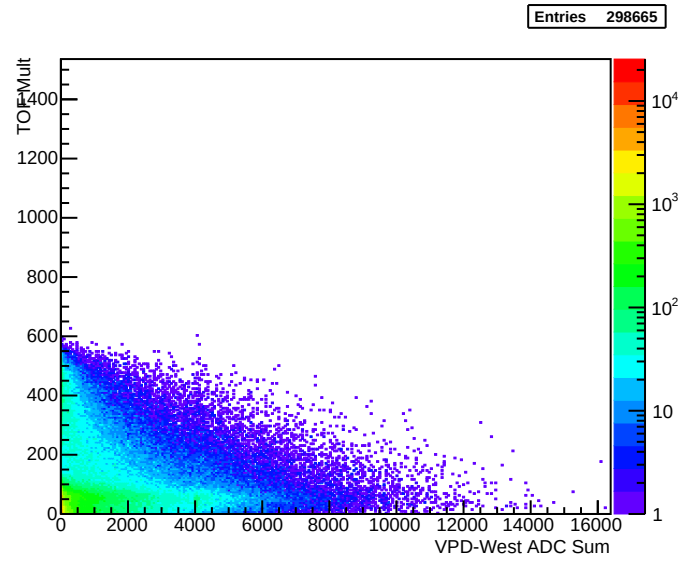

Entries 298665
TOF-Mult
BBC-S-East ADC Sum

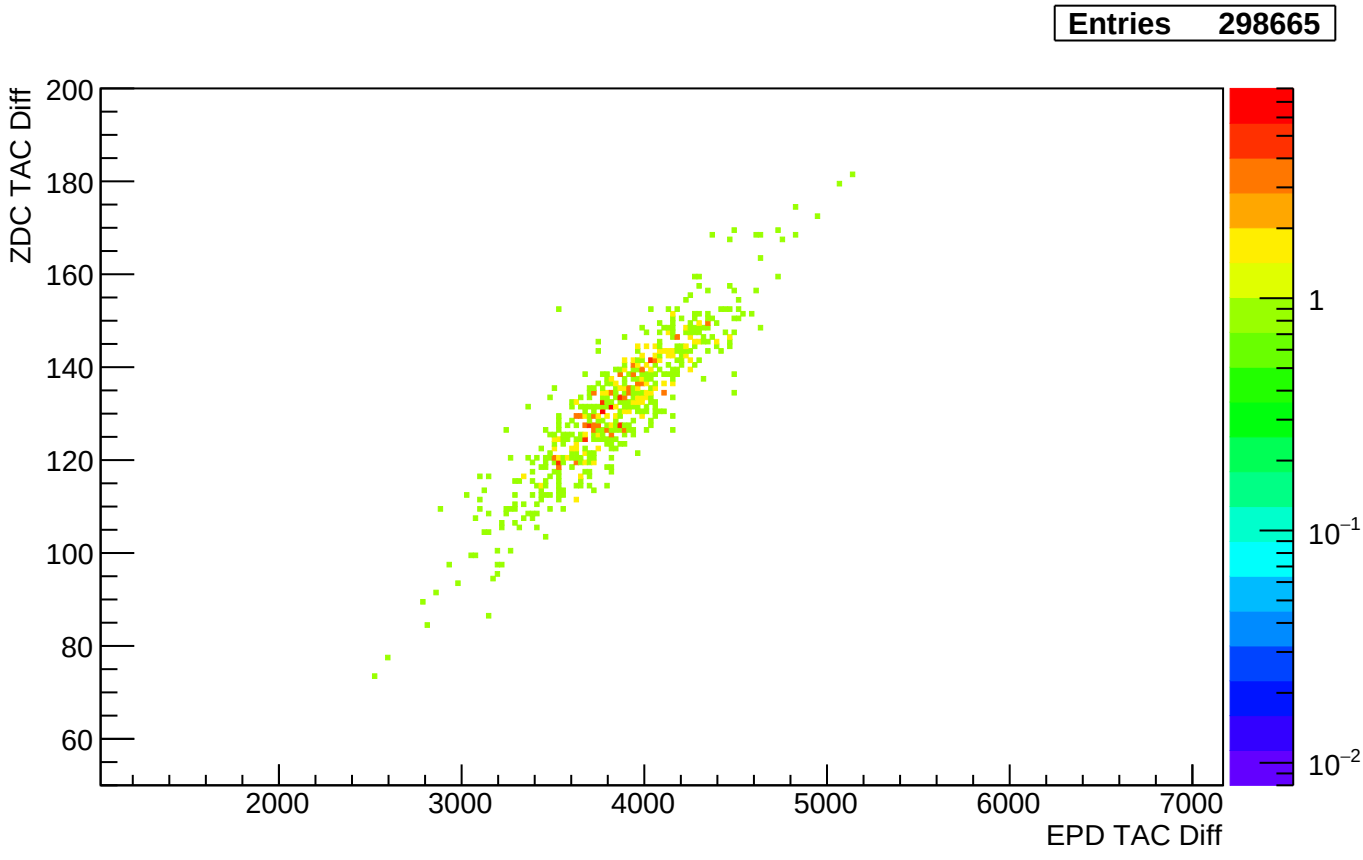

Entries 298665
TOF-Mult
BBC-S-West ADC Sum

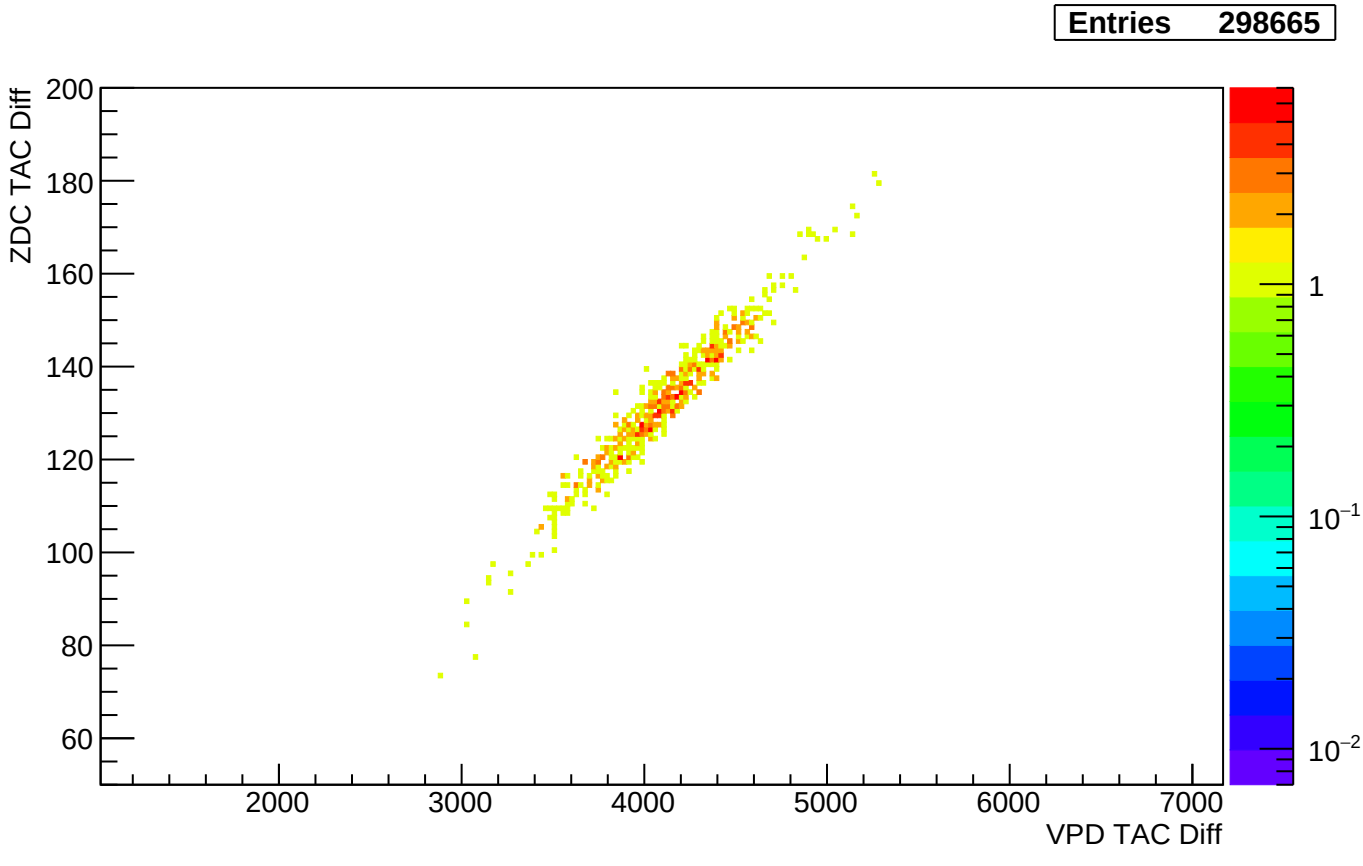

Entries 298665
TOF-Mult
EPD-East Hit Cnt

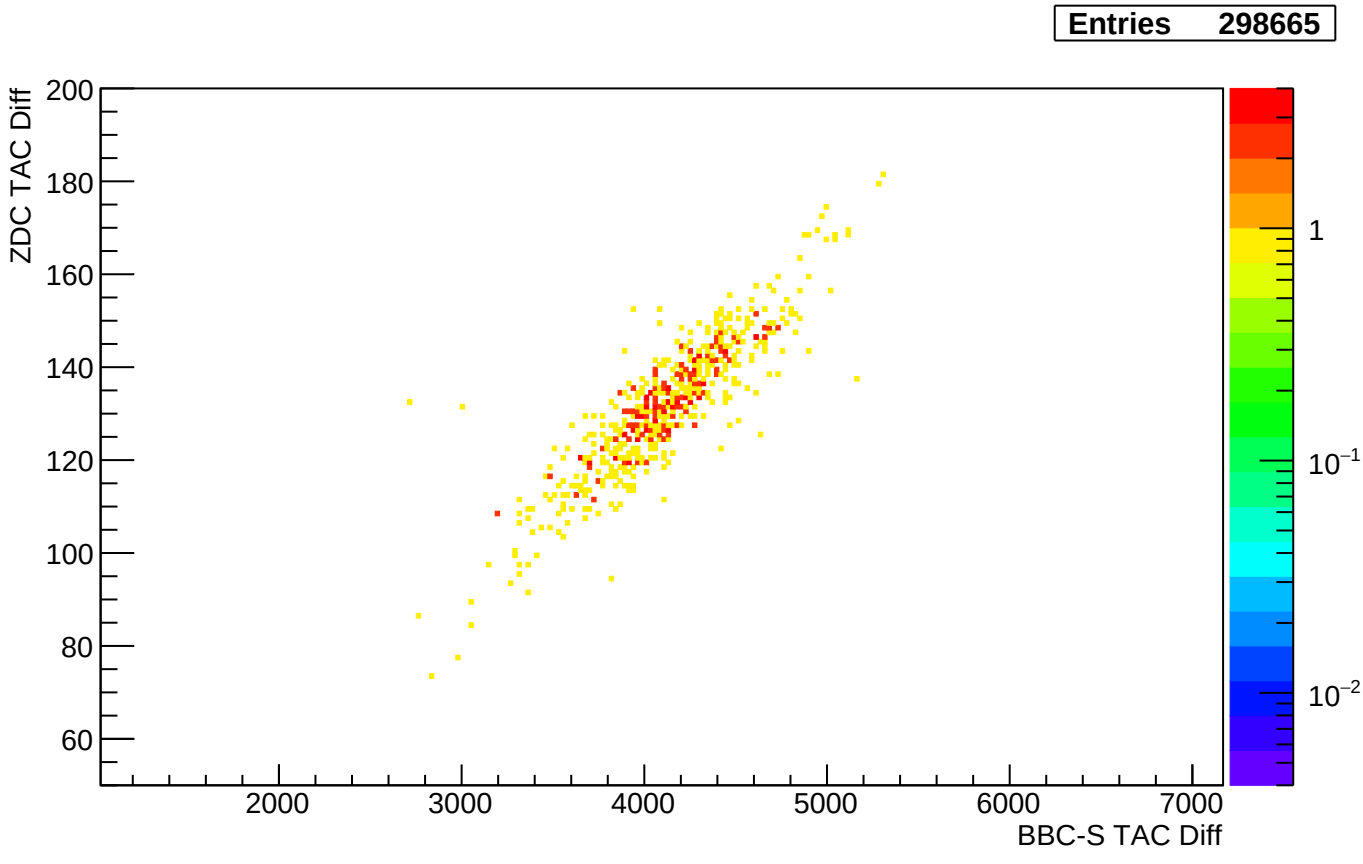

Entries 298665
TOF-Mult
EPD-West Hit Cnt

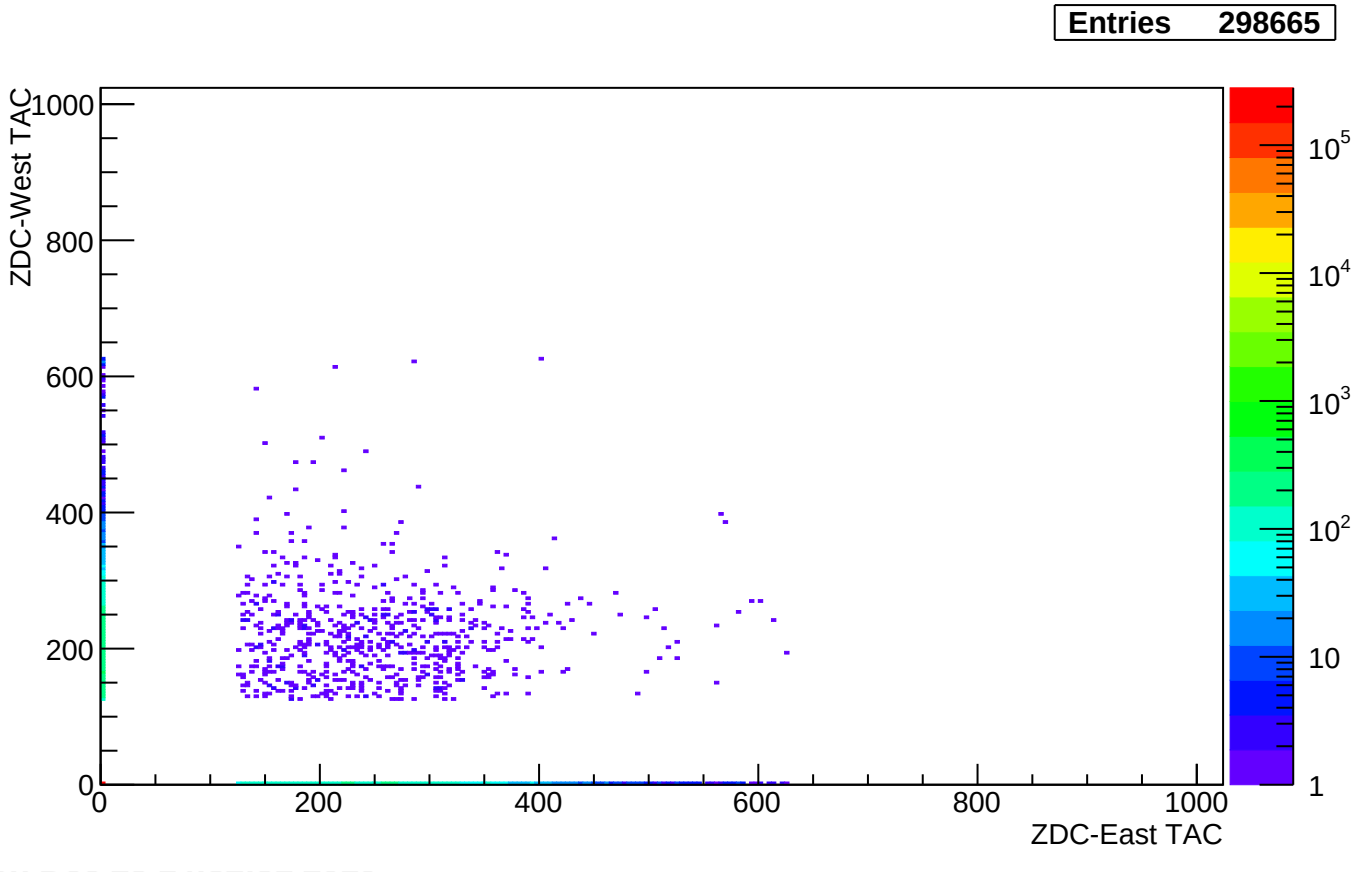

Entries 298665
TOF-Mult
VPD-East ADC Sum

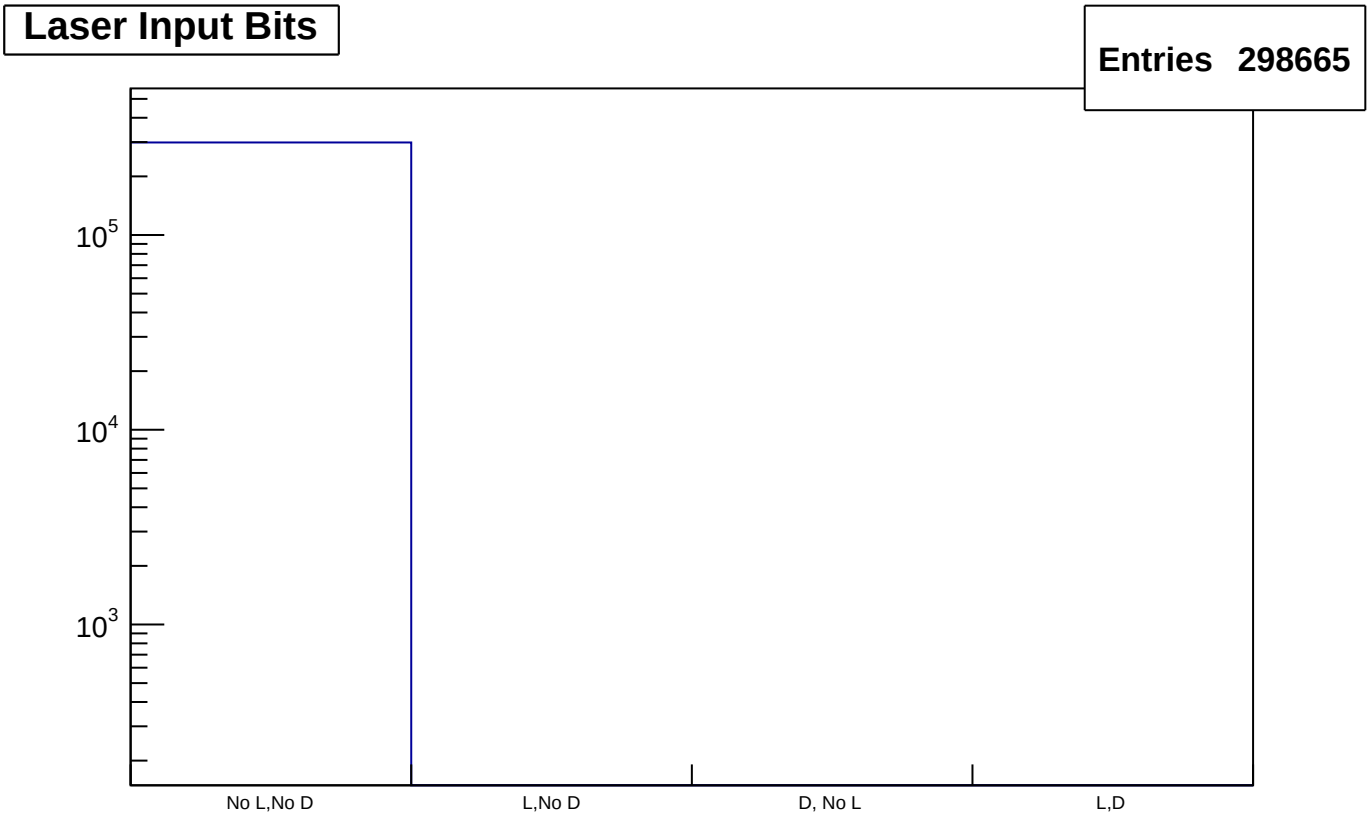

Entries 298665
TOF-Mult
VPD-West ADC Sum

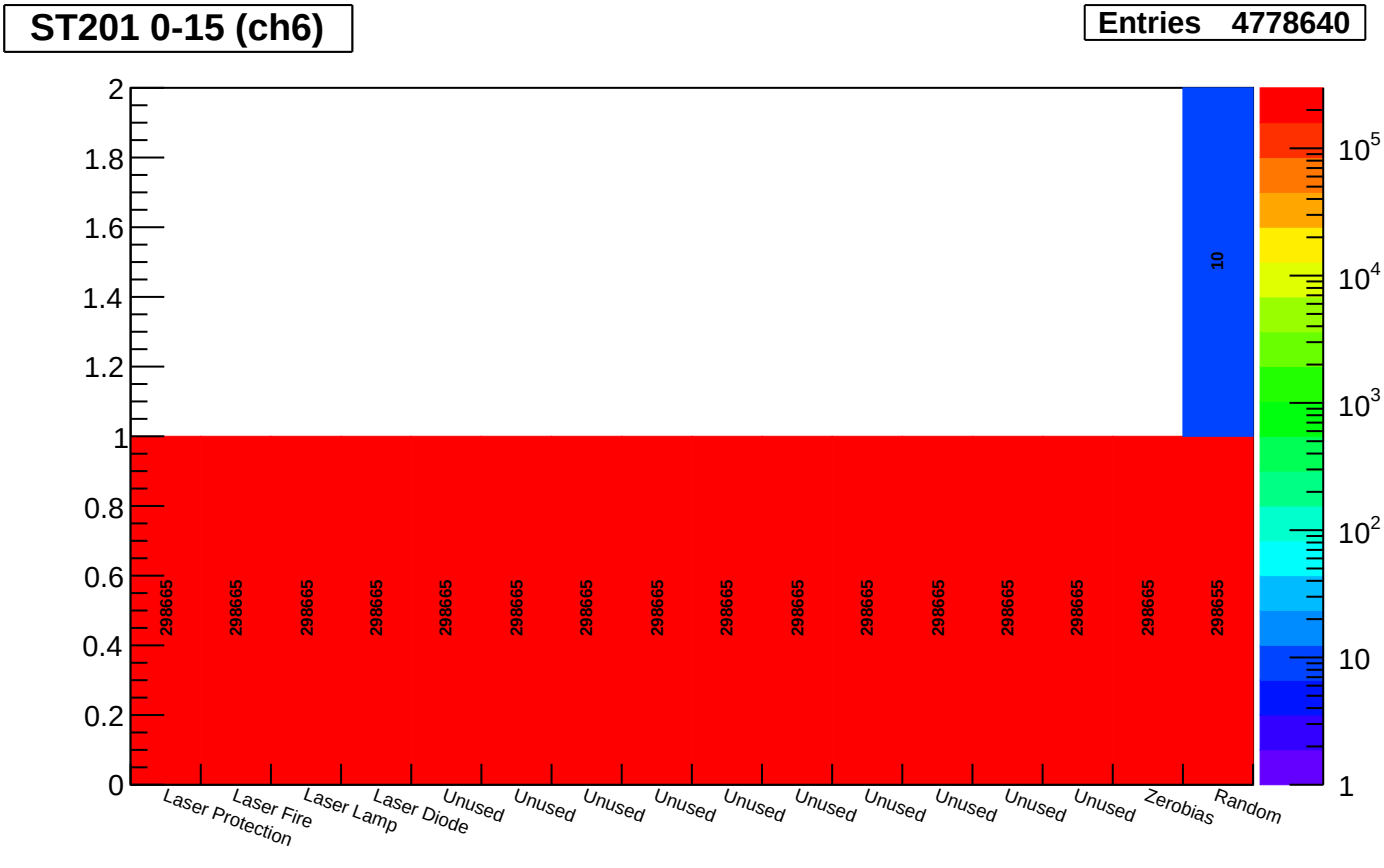

Entries 298665
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

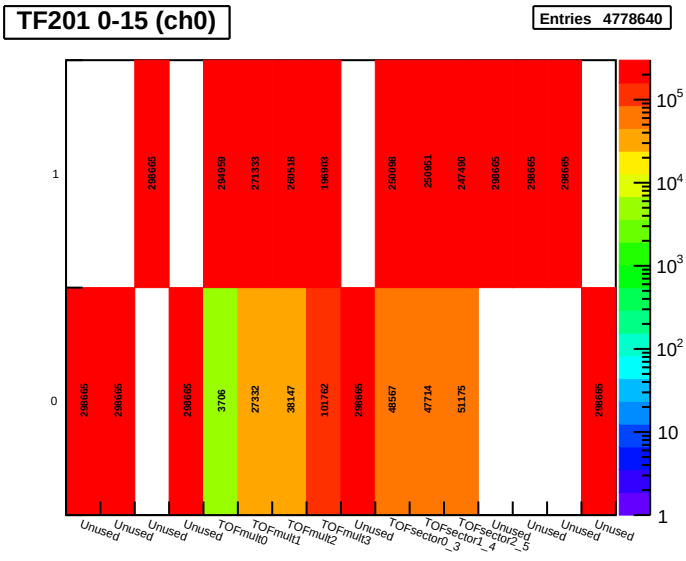

Entries 298665
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

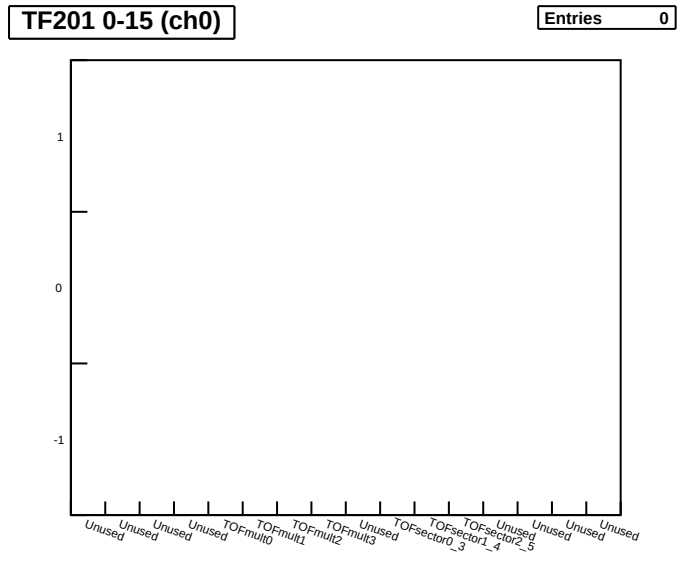

Entries 298665
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
$10^{-1}$
$10^{-2}$

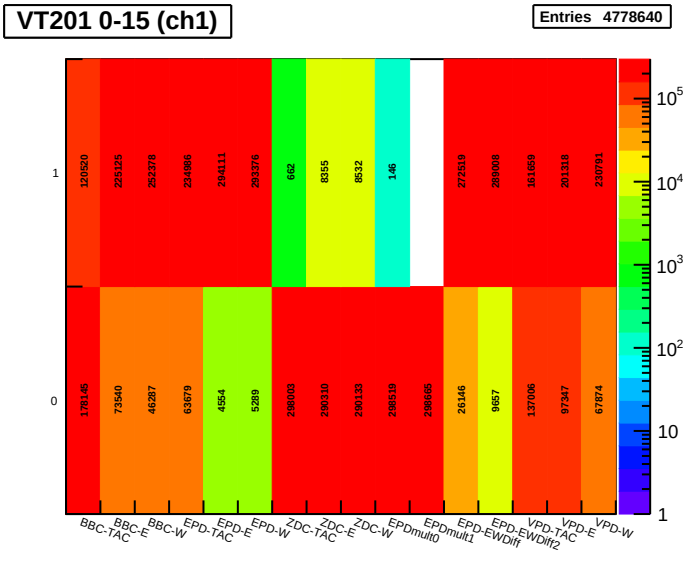

Entries 298665
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
$10^5$
$10^4$
$10^3$
$10^2$
10
1

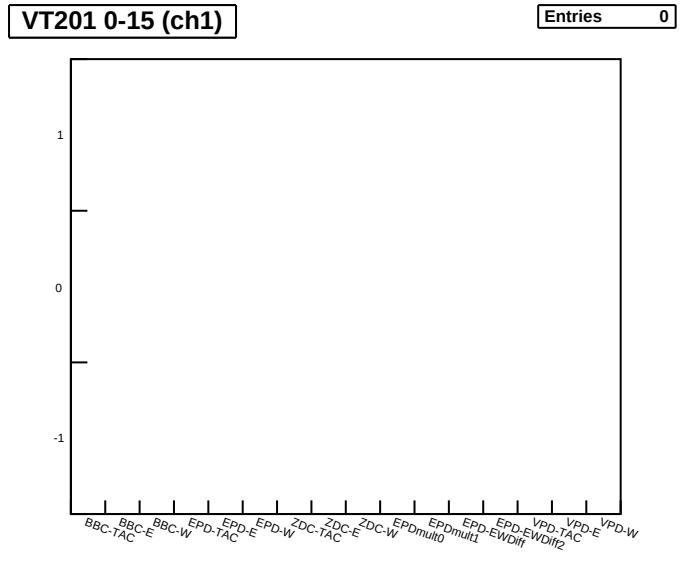

Laser Input Bits
Entries 298665
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

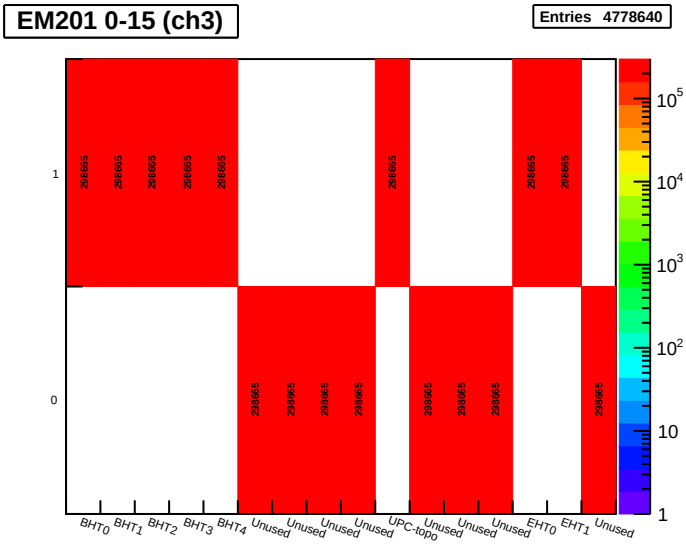

ST201 0-15 (ch6)
Entries 4778640
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298655
10
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

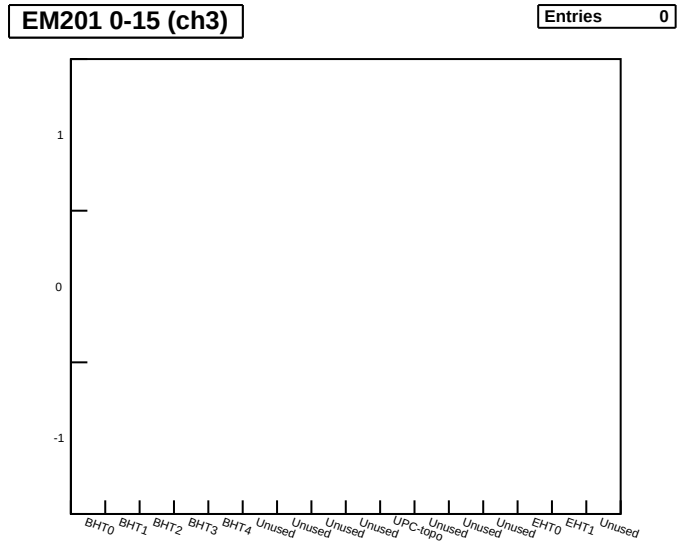

TF201 0-15 (ch0)
Entries 4778640
1
0
298665
234959
271333
260518
196903
250098
250951
247490
298665
298665
298665
298665
298665
298665
3706
27332
38147
101762
298665
48567
47714
51175
298665
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
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


VT201 0-15 (ch1)
Entries 4778640
1
0
120520
225125
252378
234986
294111
293376
662
8355
8532
146
272519
289008
161659
201318
230791
178145
73540
46287
63679
4554
5289
298003
290310
290133
298519
298665
26146
9657
137006
97347
67874
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 4778640
1
0
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
298665
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