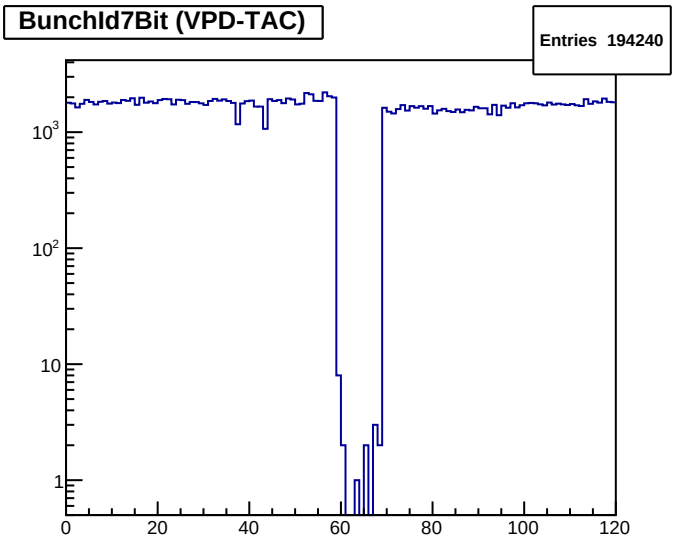
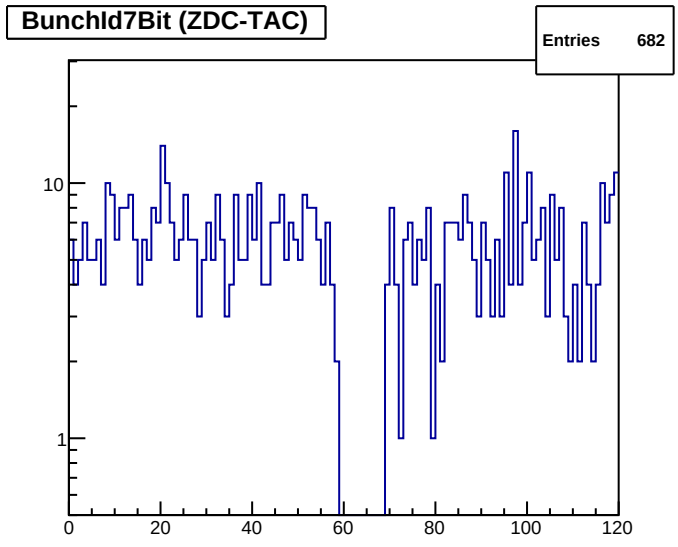
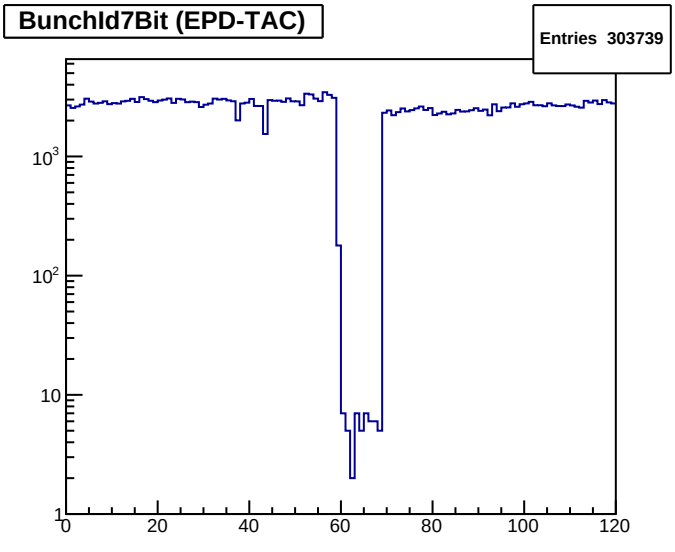
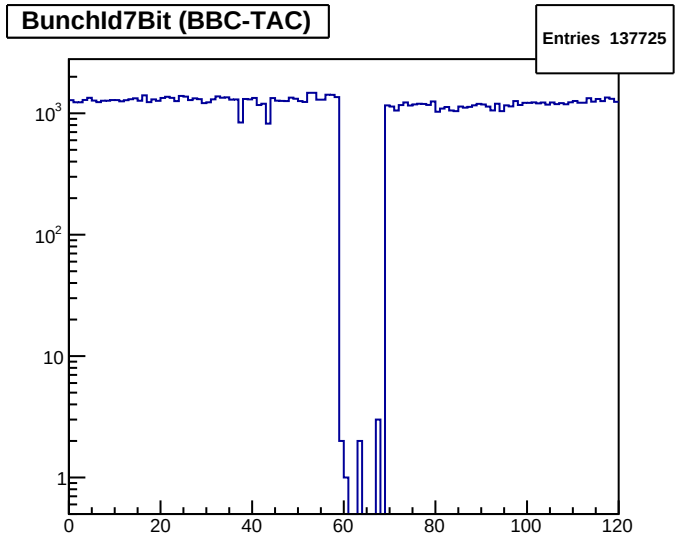
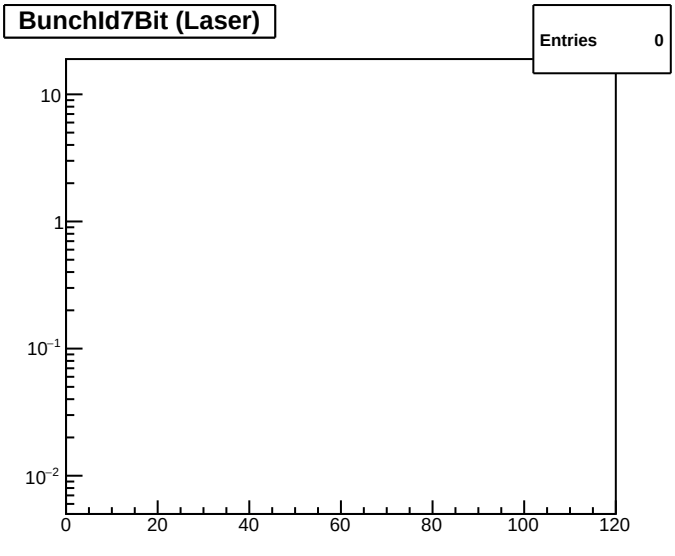
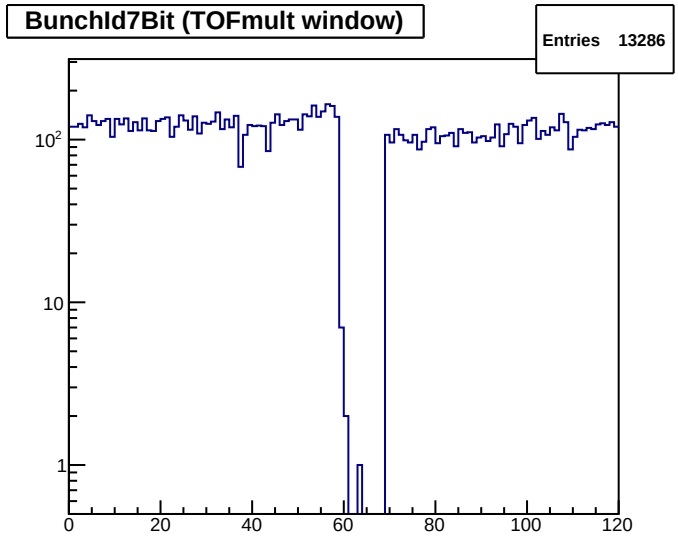

BunchId7Bit (VPD-TAC)
Entries 194240

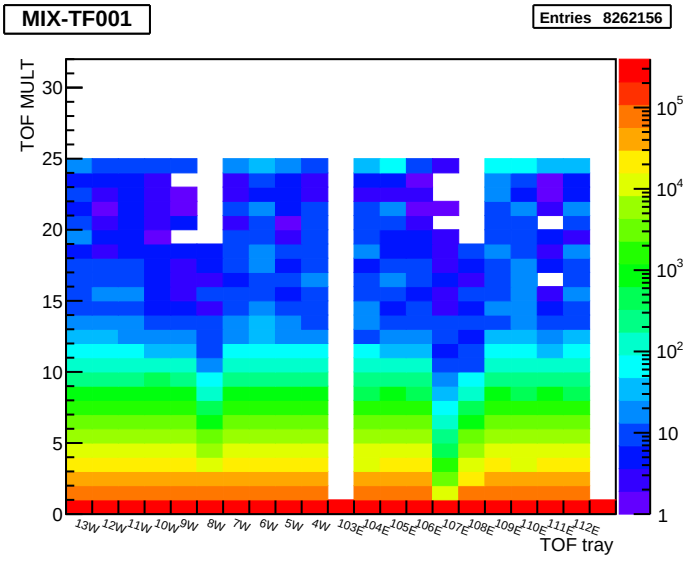

BunchId7Bit (ZDC-TAC)
Entries 682

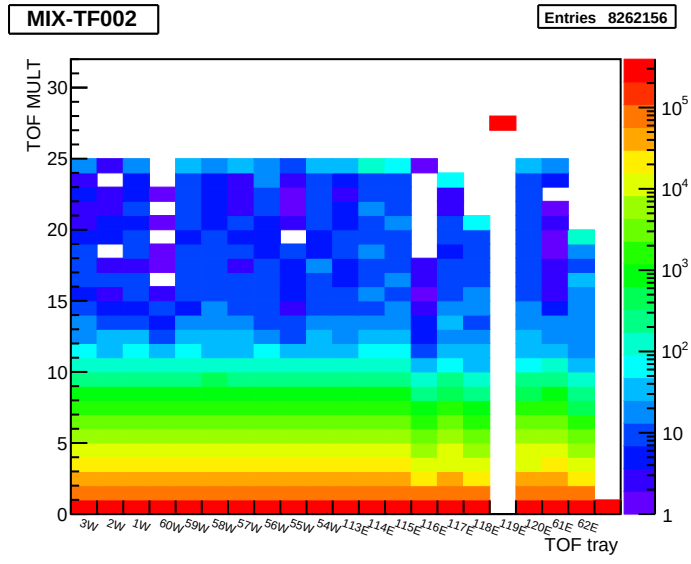

BunchId7Bit (EPD-TAC)
Entries 303739

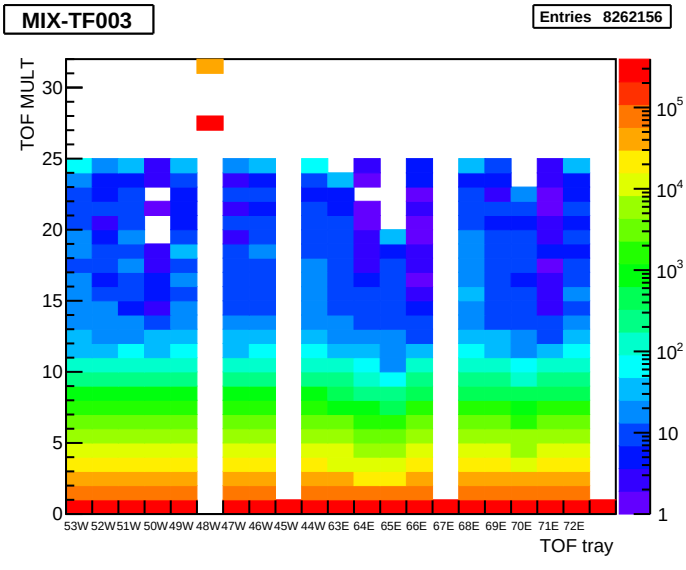

BunchId7Bit (BBC-TAC)
Entries 137725

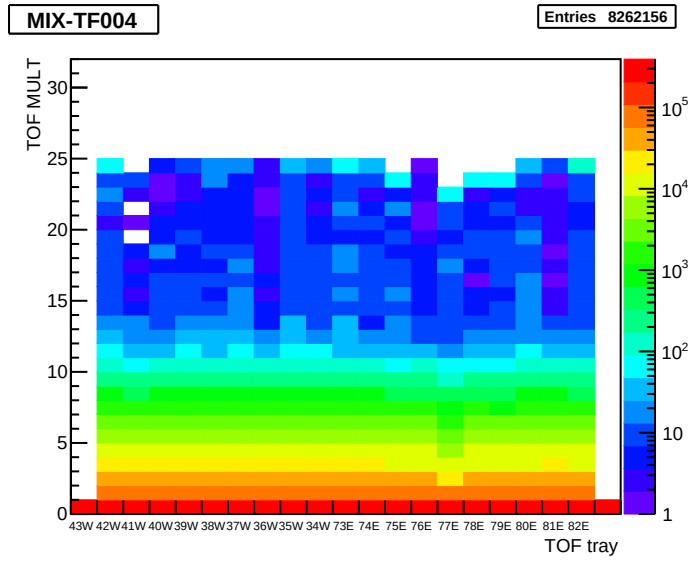

BunchId7Bit (Laser)
Entries 0

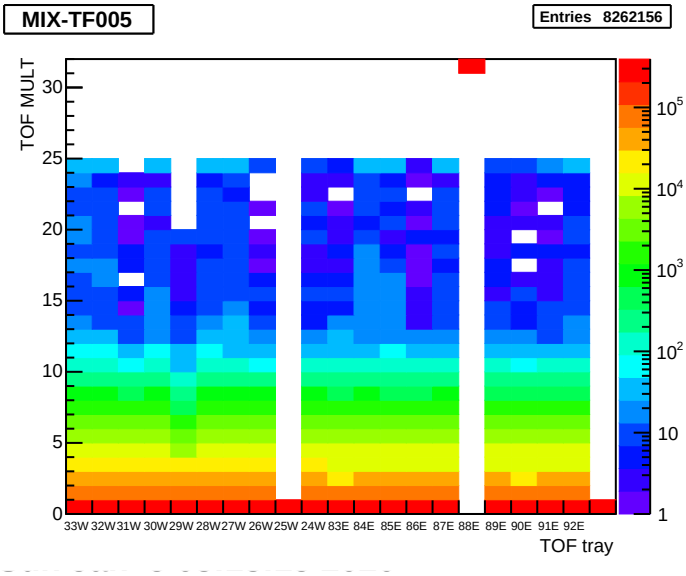

BunchId7Bit (TOFmult window)
Entries 13286

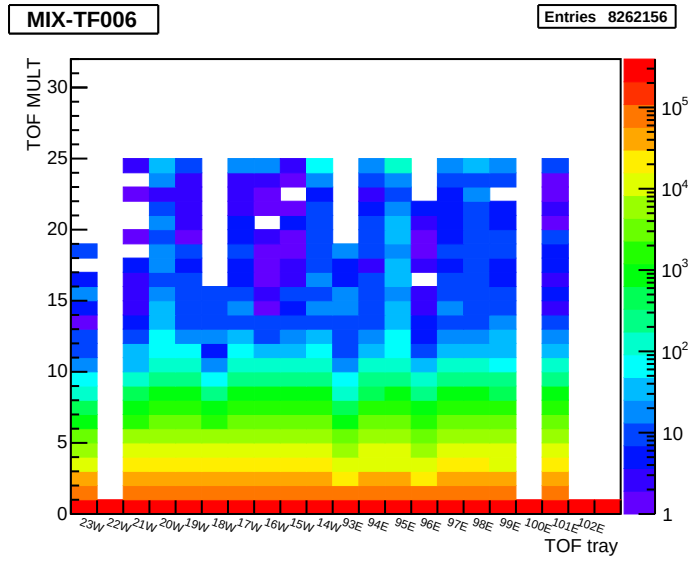

MIX-TF001
Entries 8262156
TOF MULT
TOF tray

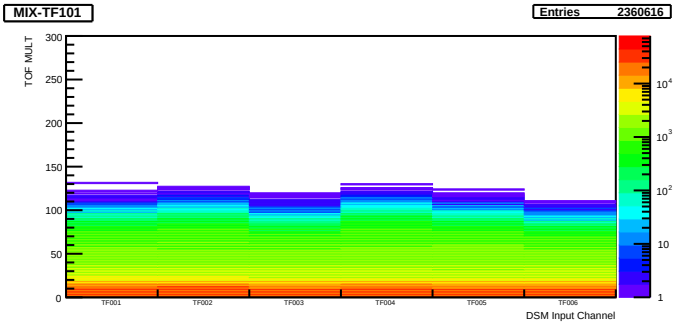

MIX-TF002
Entries 8262156
TOF MULT
TOF tray

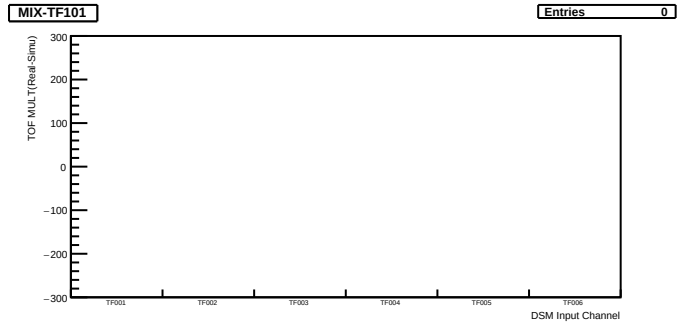

MIX-TF003
Entries 8262156
TOF MULT
TOF tray

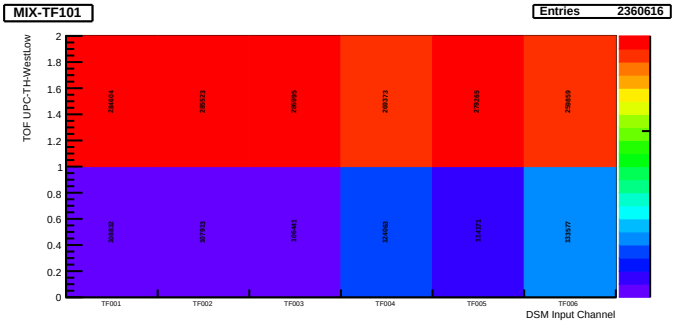

MIX-TF004
Entries 8262156
TOF MULT
TOF tray

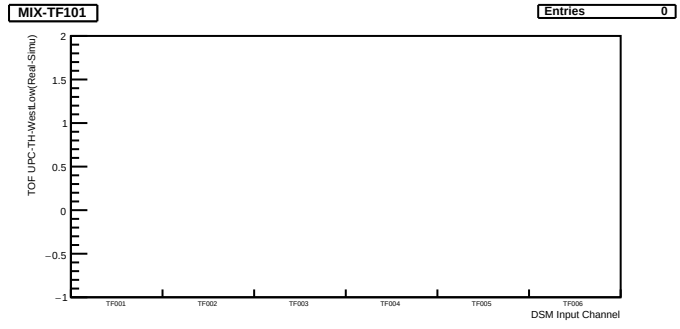

MIX-TF005
Entries 8262156
TOF MULT
TOF tray

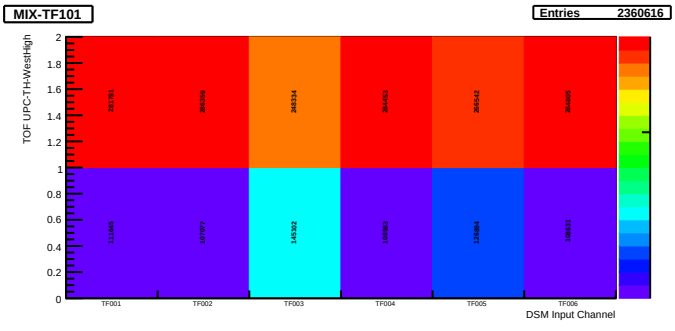

MIX-TF006
Entries 8262156
TOF MULT
TOF tray

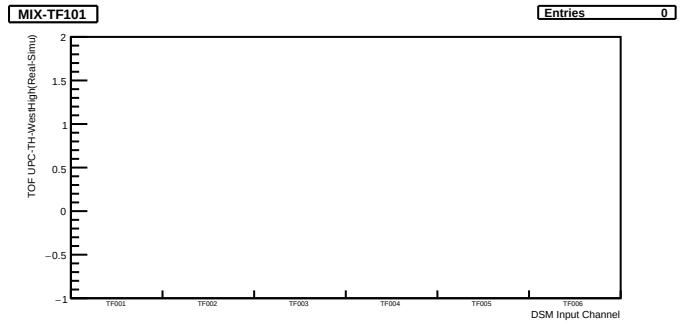

MIX-TF101
Entries 2360616
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

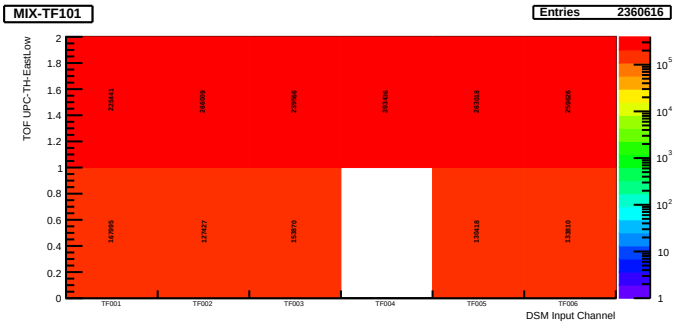

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

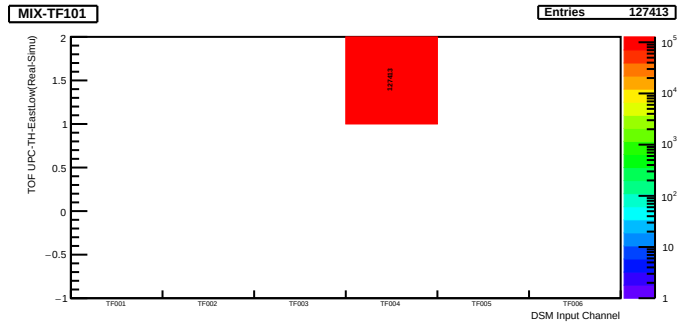

MIX-TF101
Entries 2360616
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

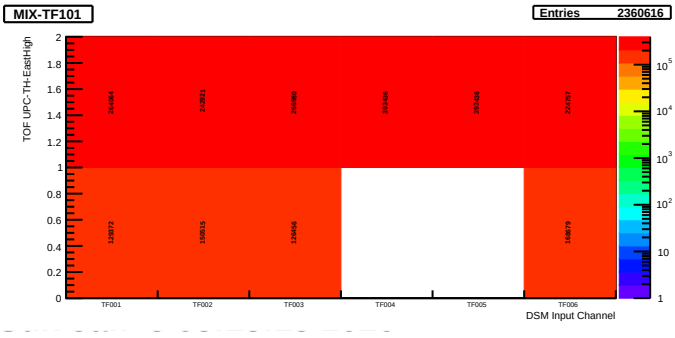

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

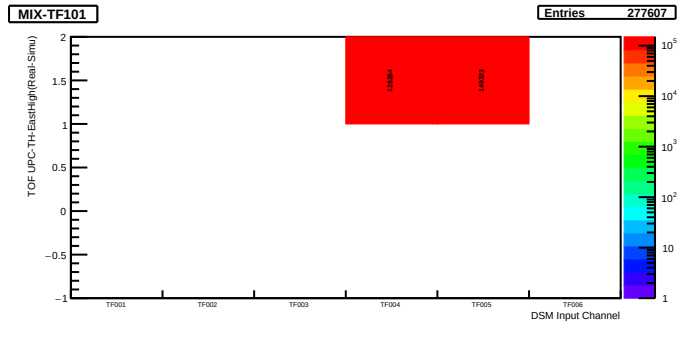

MIX-TF101
Entries 2360616
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

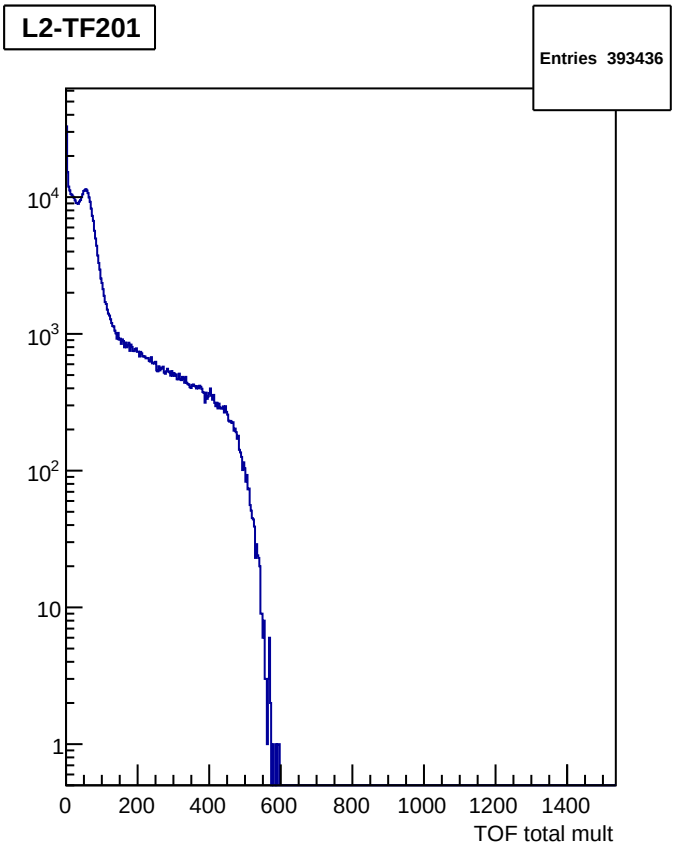

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

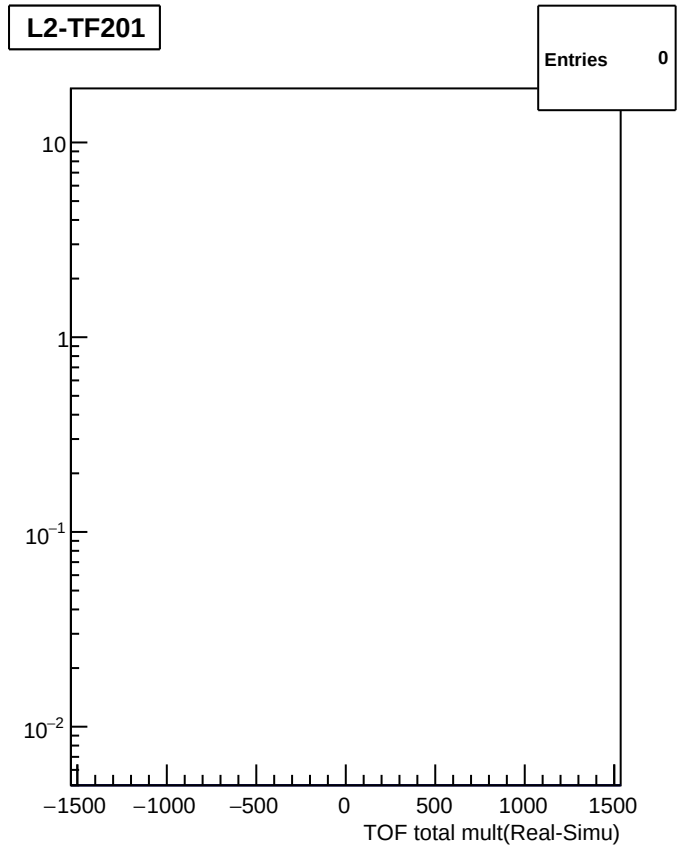

MIX-TF101
Entries 2360616
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

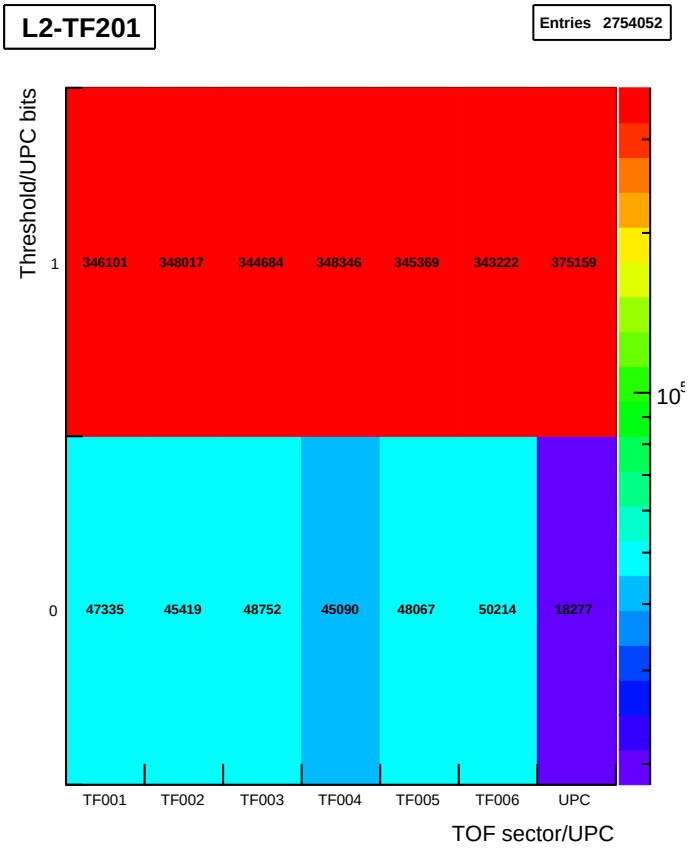

MIX-TF101
Entries 127413
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

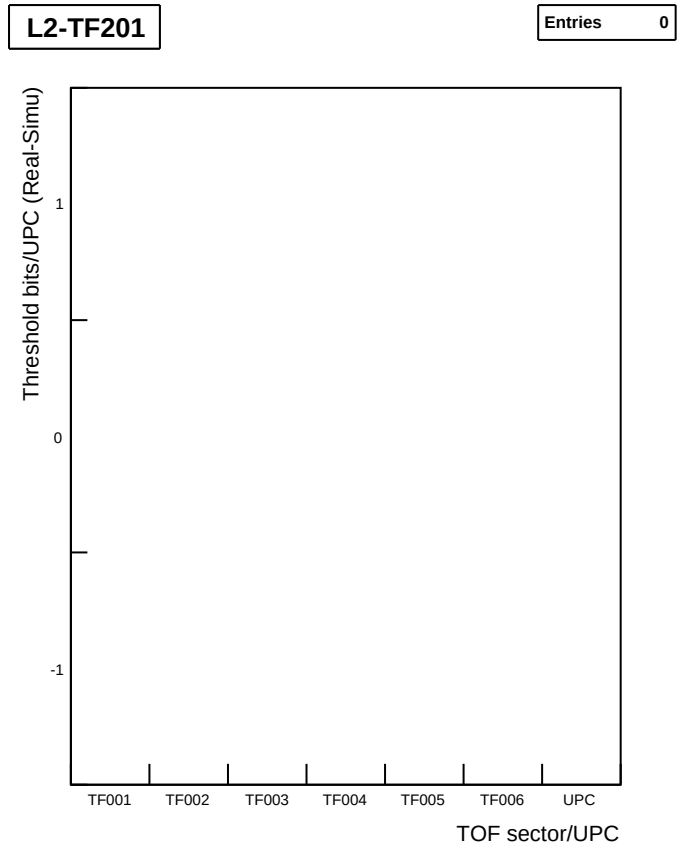

MIX-TF101
Entries 2360616
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

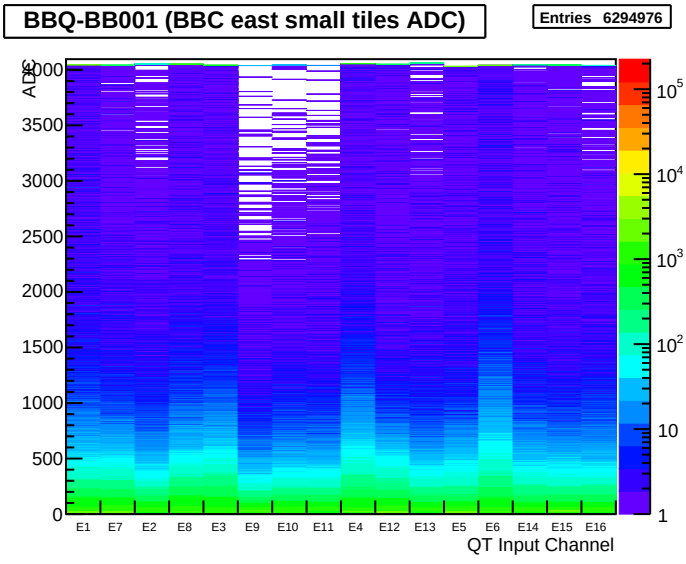

MIX-TF101
Entries 277607
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

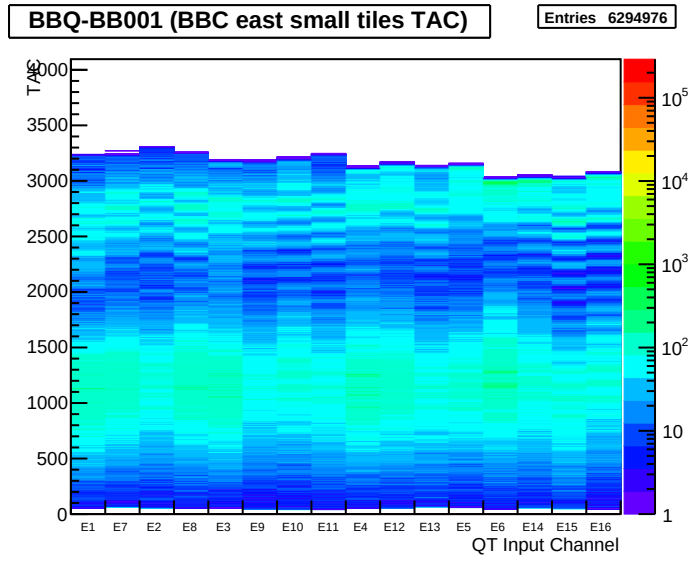

L2-TF201
Entries 393436
TOF total mult

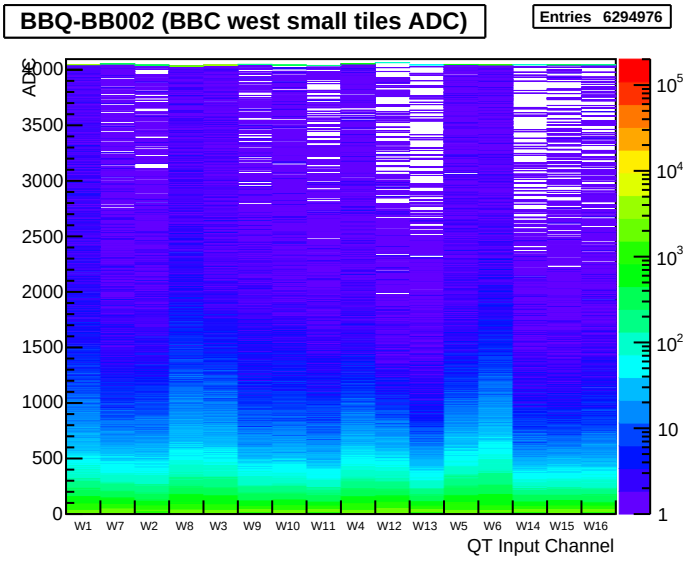

L2-TF201
Entries 0
TOF total mult(Real-Simu)

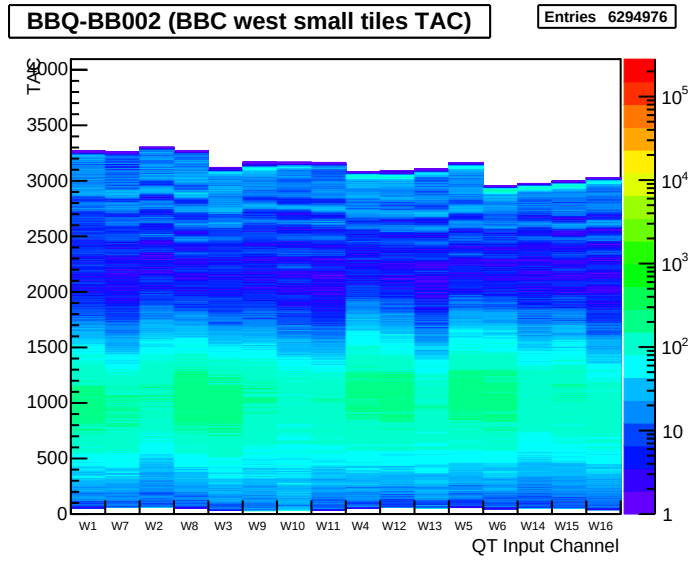

L2-TF201
Entries 2754052
Threshold/UPC bits
346101 348017 344684 348346 345369 343222 375159
47335 45419 48752 45090 48067 50214 18277
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

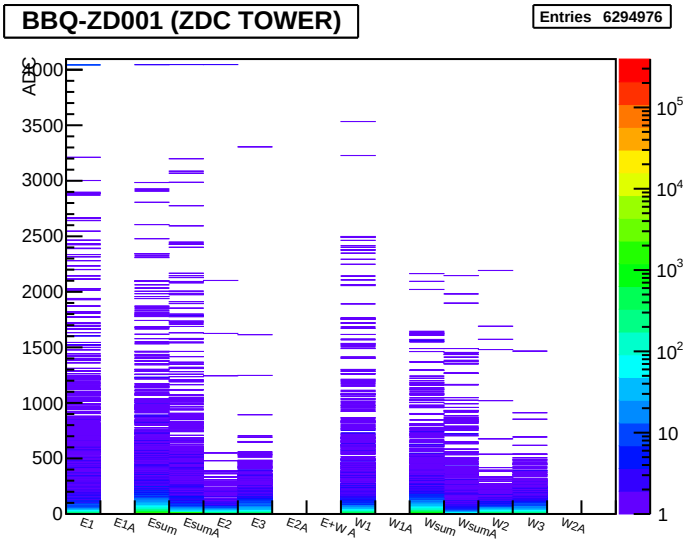

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

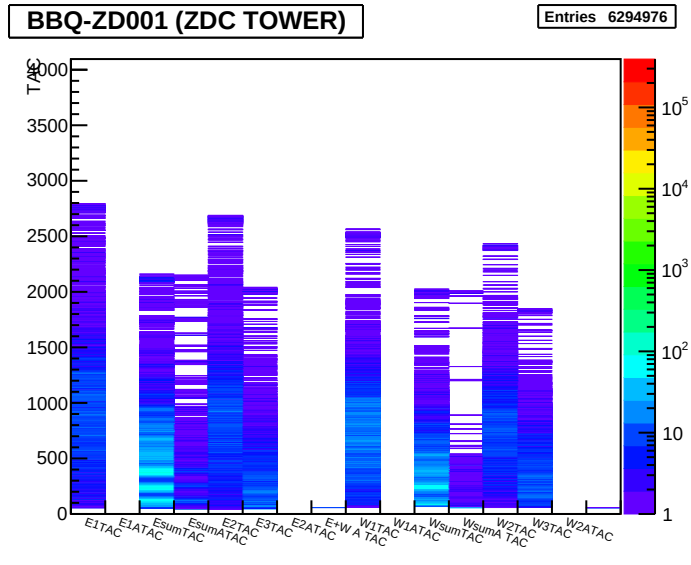

BBQ-BB001 (BBC east small tiles ADC)
Entries 6294976
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

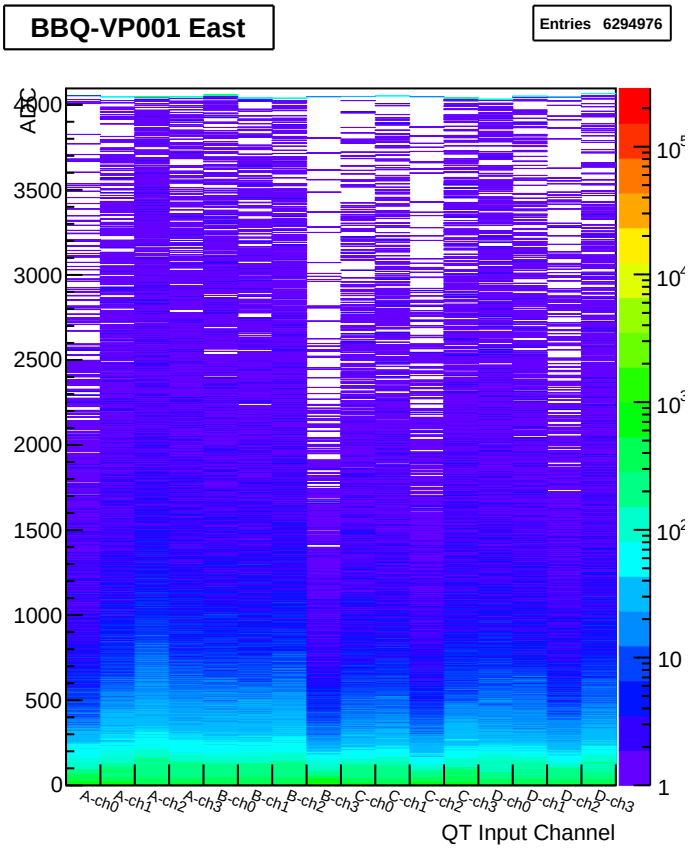

BBQ-BB001 (BBC east small tiles TAC)
Entries 6294976
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

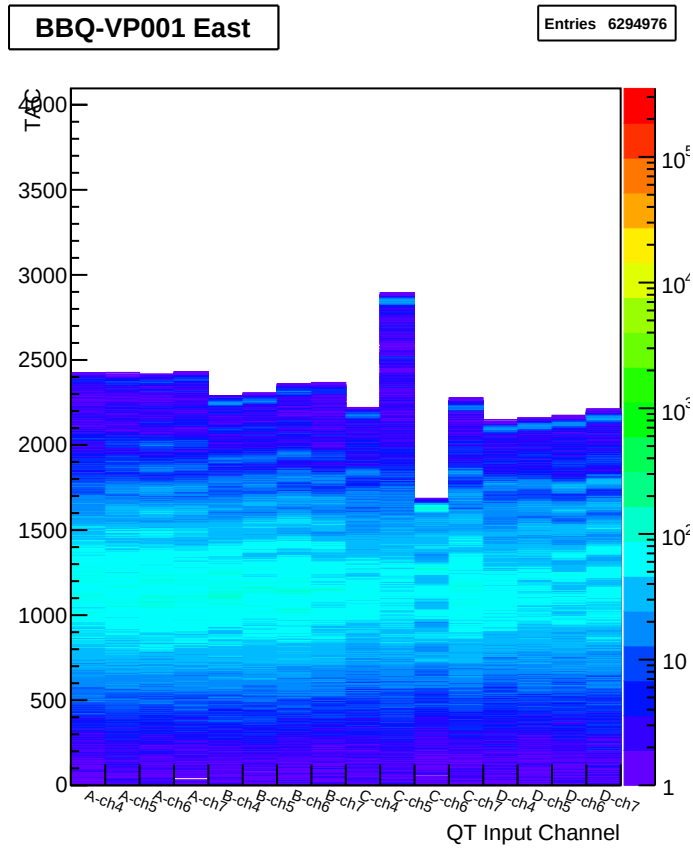

BBQ-BB002 (BBC west small tiles ADC)
Entries 6294976
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

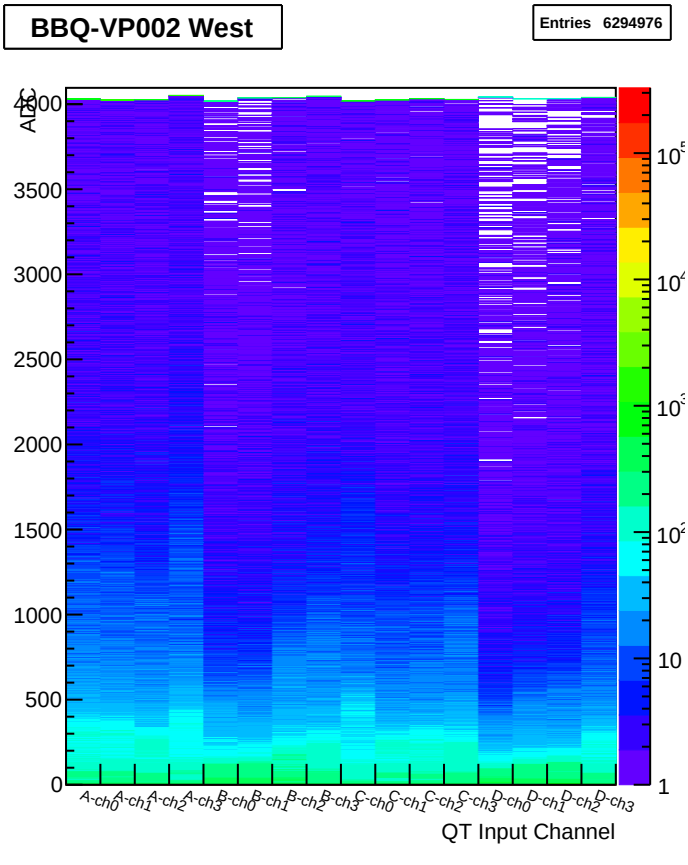

BBQ-BB002 (BBC west small tiles TAC)
Entries 6294976
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

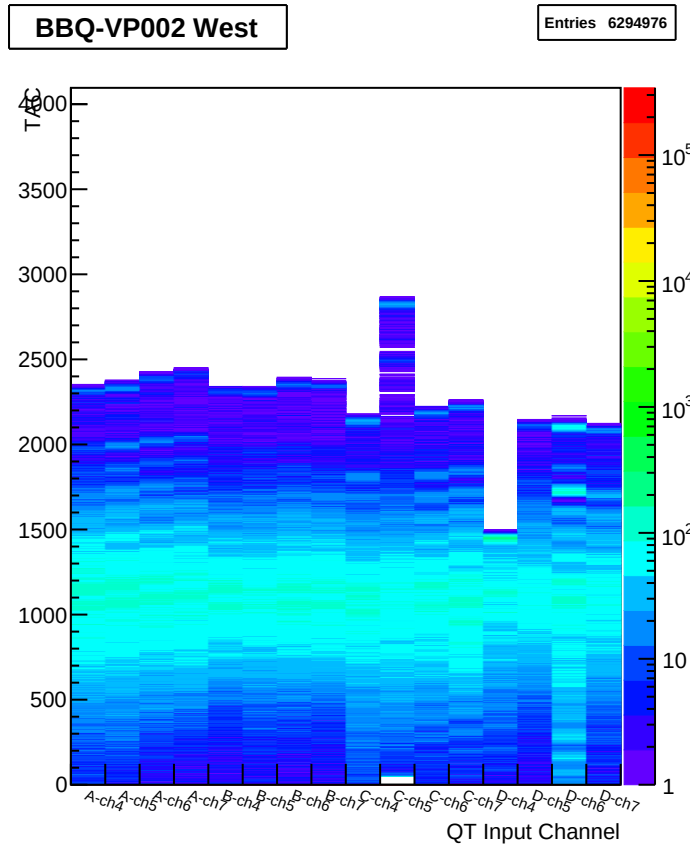

BBQ-ZD001 (ZDC TOWER)
Entries 6294976
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

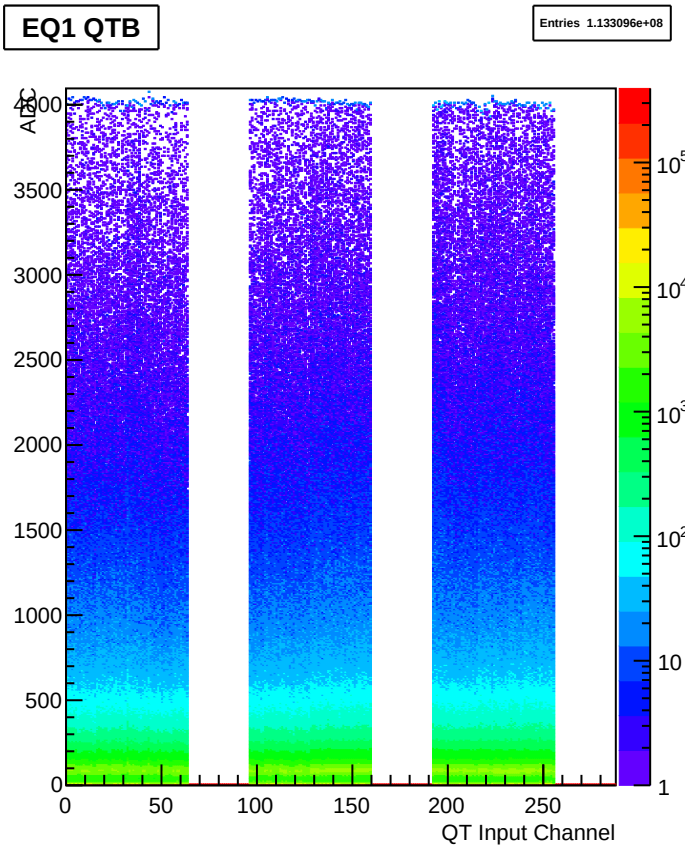

BBQ-ZD001 (ZDC TOWER)
Entries 6294976
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

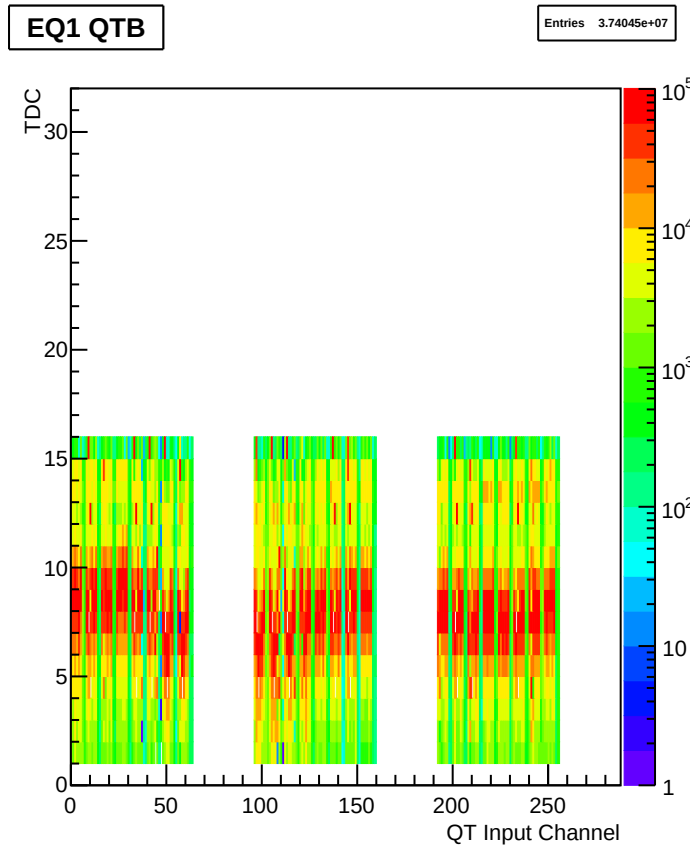

BBQ-VP001 East
Entries 6294976
ADC
QT Input Channel

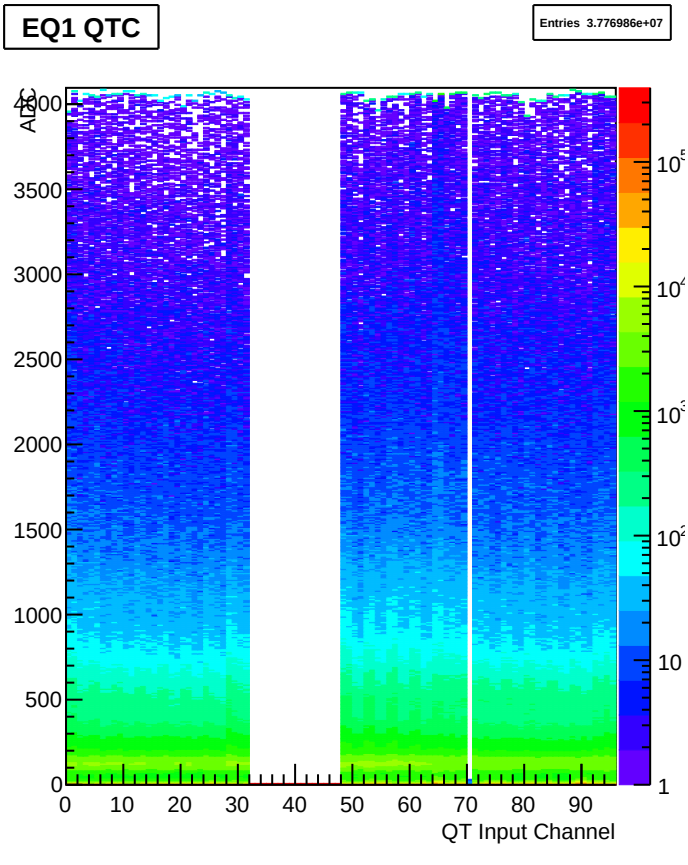

BBQ-VP001 East
Entries 6294976
ADC
QT Input Channel

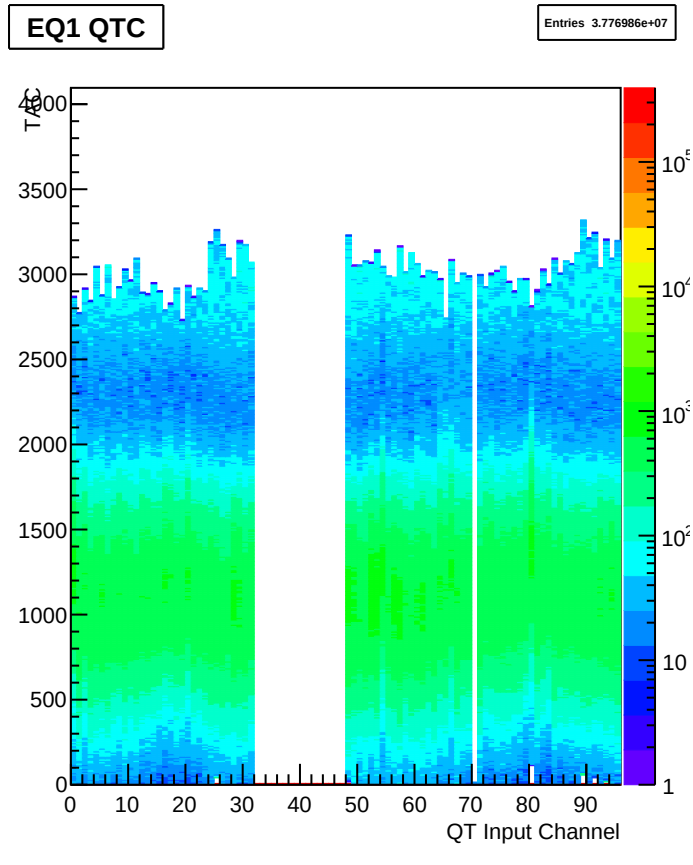

BBQ-VP002 West
Entries 6294976
ADC
QT Input Channel

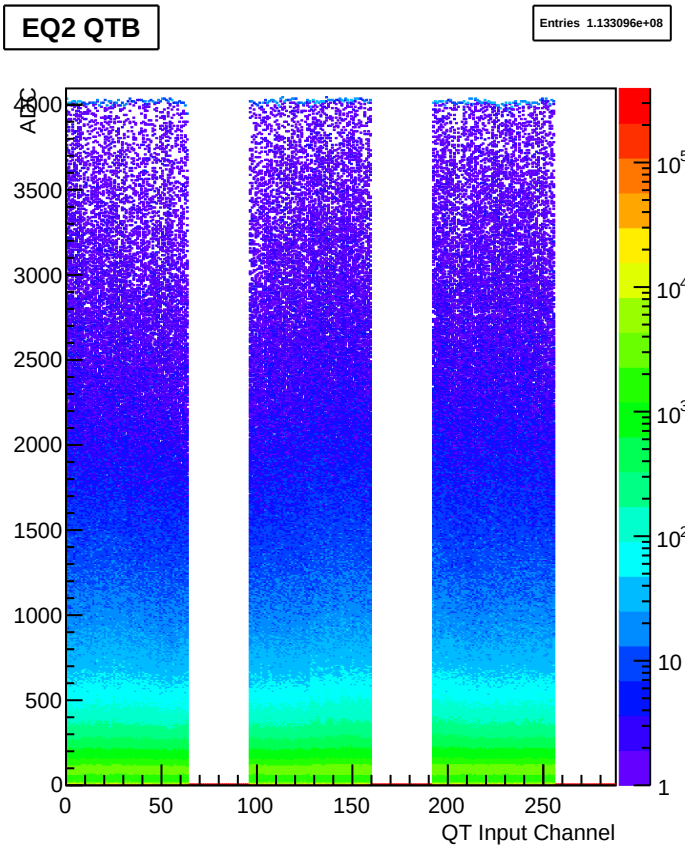

BBQ-VP002 West
Entries 6294976
ADC
QT Input Channel

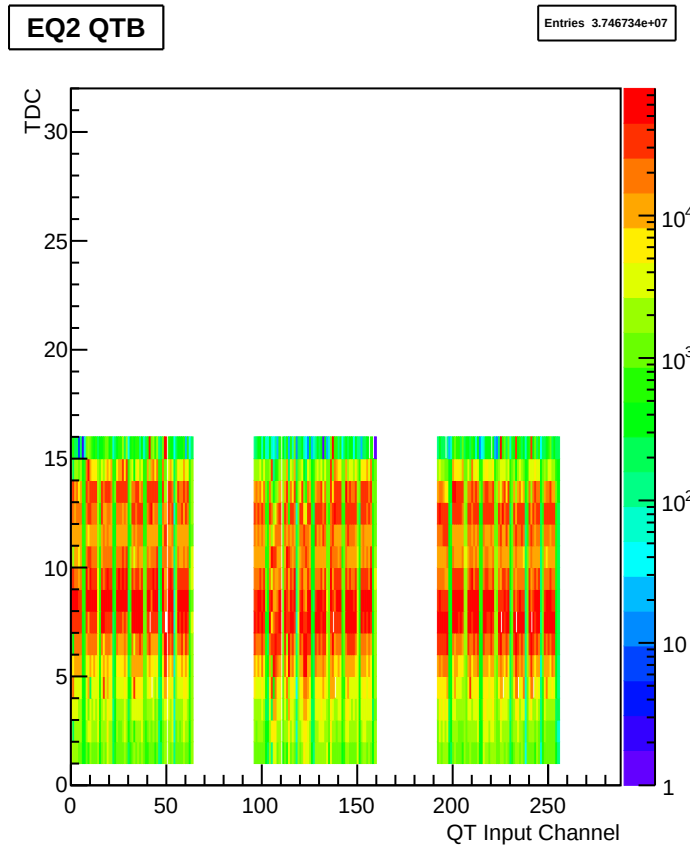

EQ1 QTB
Entries 1.133096e+08
ADC
QT Input Channel

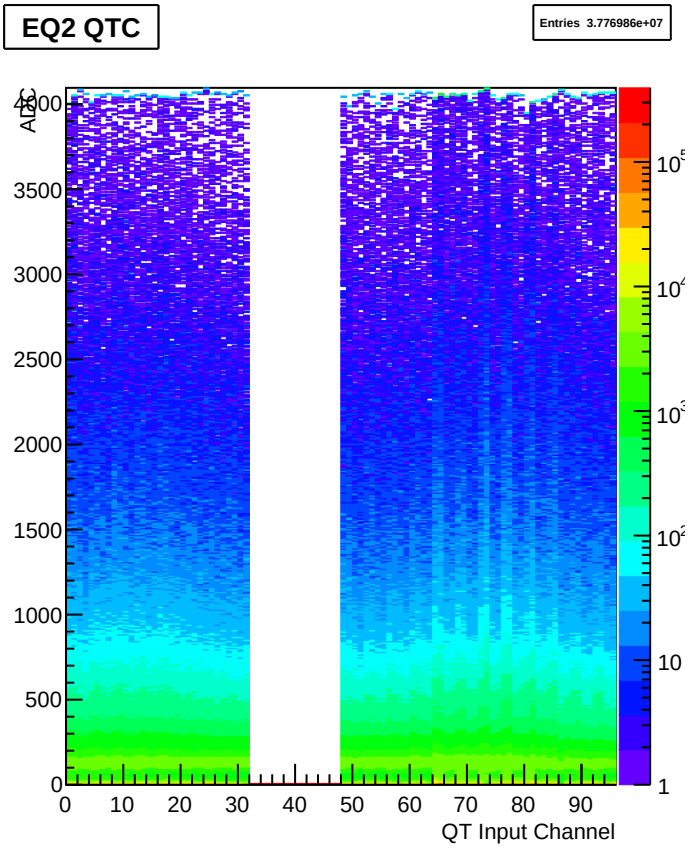

EQ1 QTB
Entries 3.74045e+07
TDC
QT Input Channel

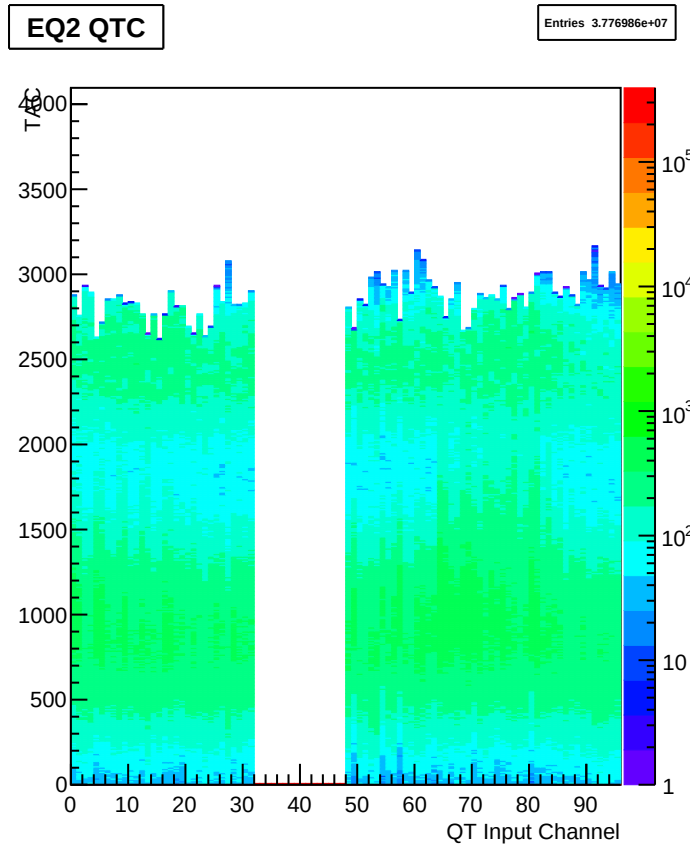

EQ1 QTC
Entries 3.776986e+07
ADC
QT Input Channel

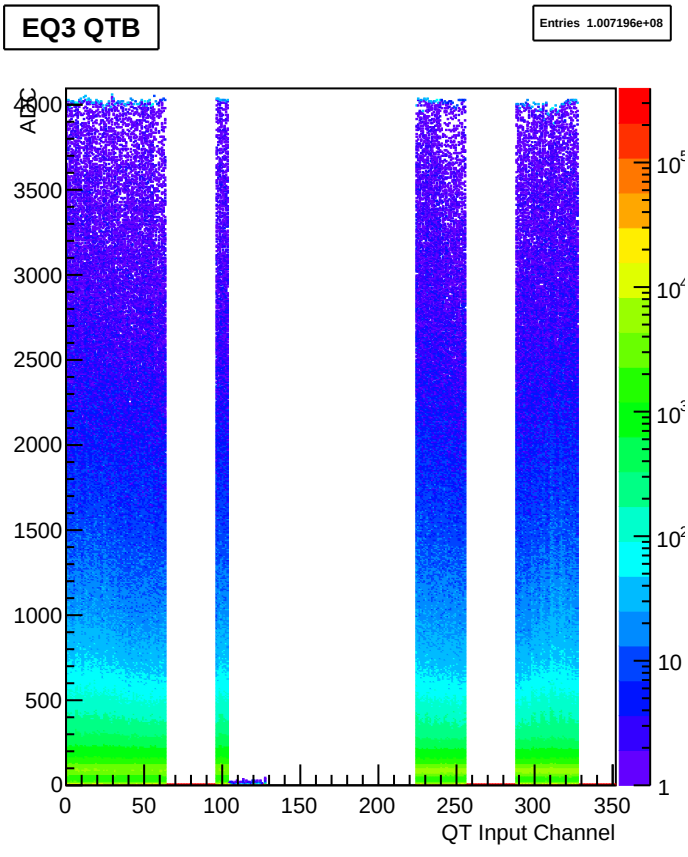

EQ1 QTC
Entries 3.776986e+07
TADC
QT Input Channel

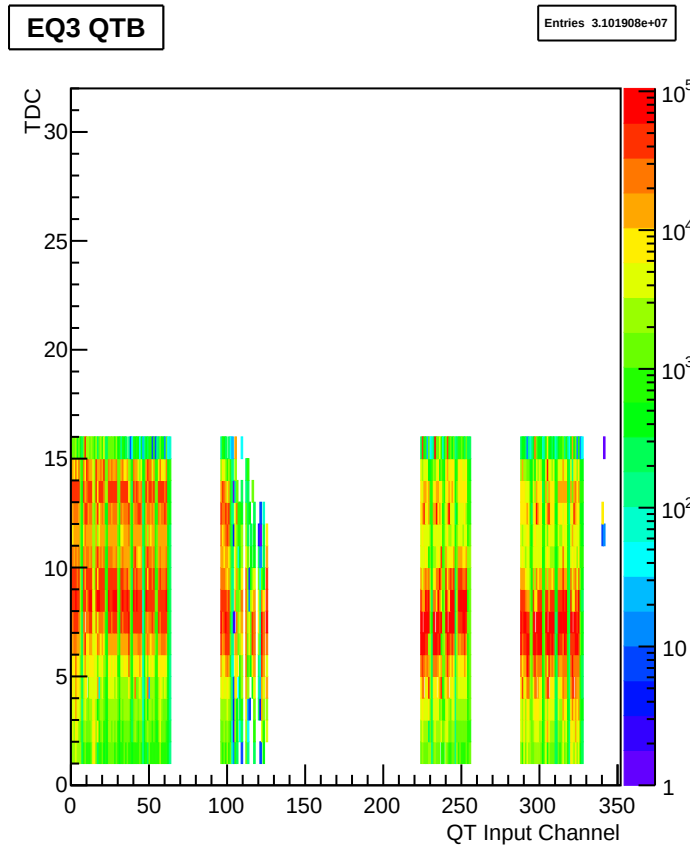

EQ2 QTB
Entries 1.133096e+08
ADC
QT Input Channel

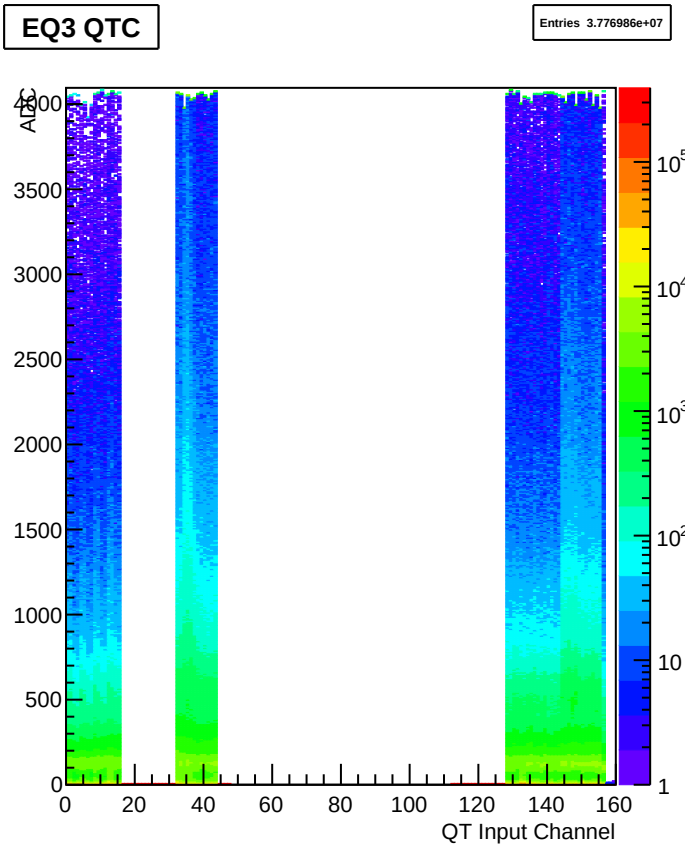

EQ2 QTB
Entries 3.746734e+07
TDC
QT Input Channel

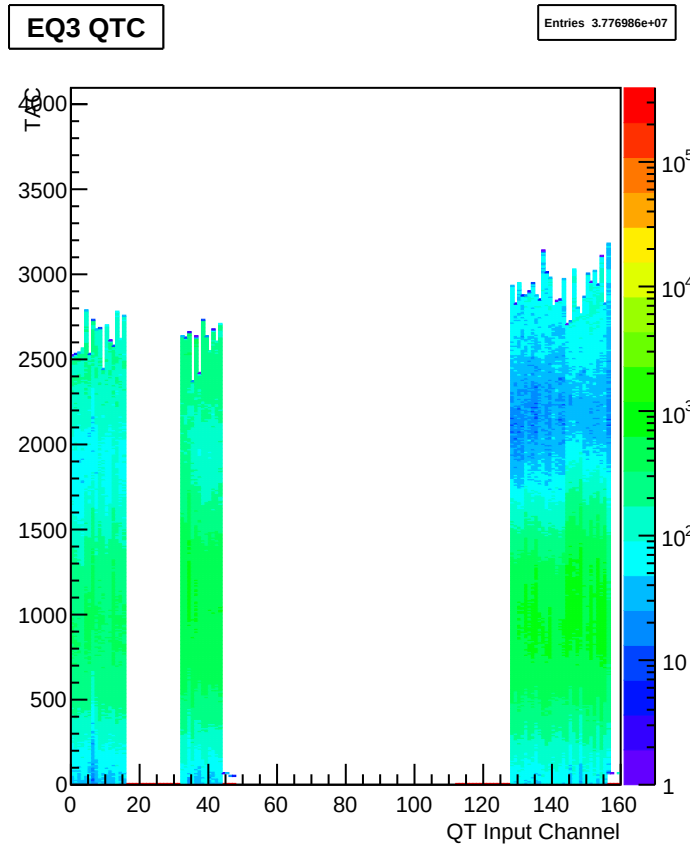

EQ2 QTC
Entries 3.776986e+07
ADC
QT Input Channel

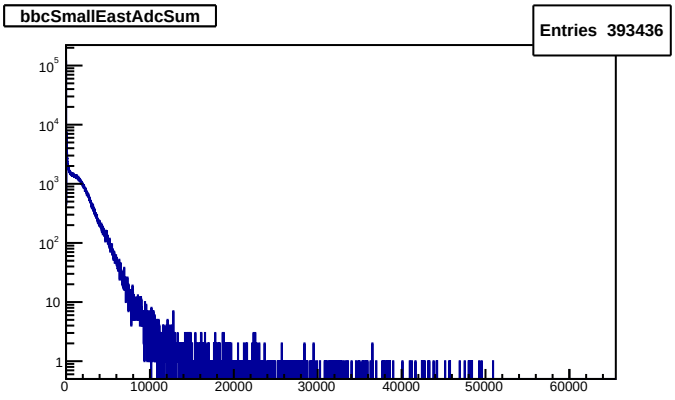

EQ2 QTC
Entries 3.776986e+07
TADC
QT Input Channel

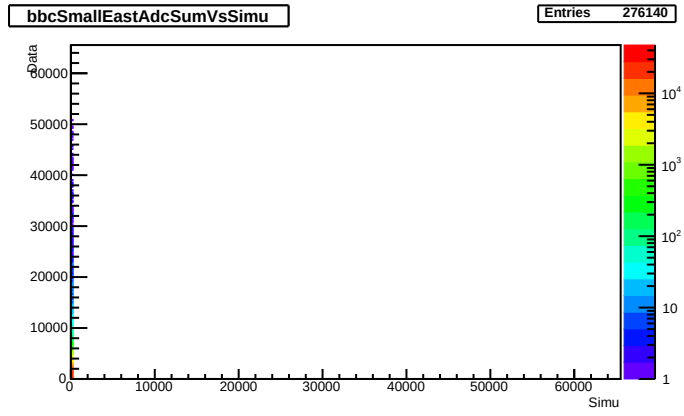

EQ3 QTB
Entries 1.007196e+08
ADC
QT Input Channel

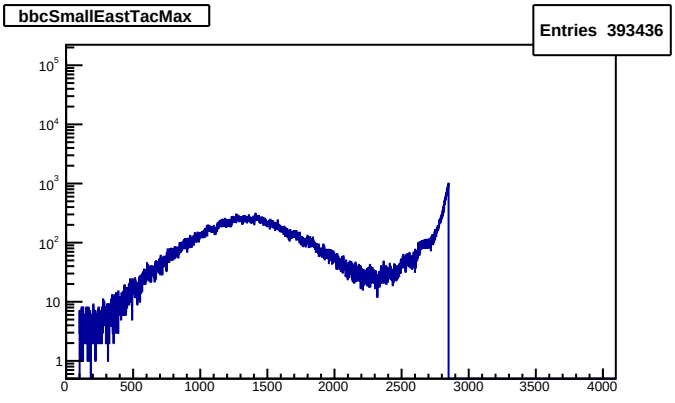

EQ3 QTB
Entries 3.101908e+07
TDC
QT Input Channel

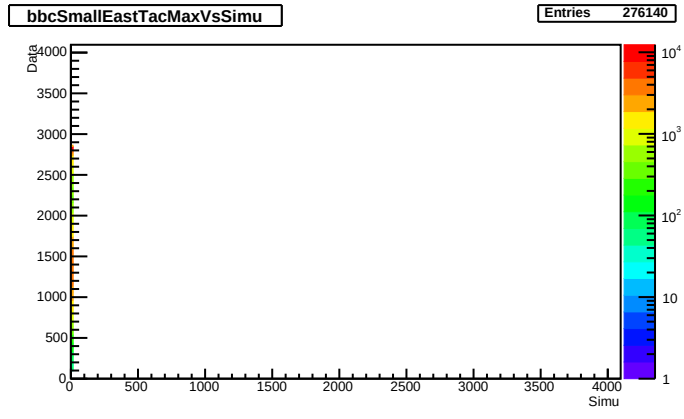

EQ3 QTC
Entries 3.776986e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.776986e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 393436


bbcSmallEastAdcSumVsSimu
Entries 276140
Data
Simu


bbcSmallEastTacMax
Entries 393436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Entries 276140
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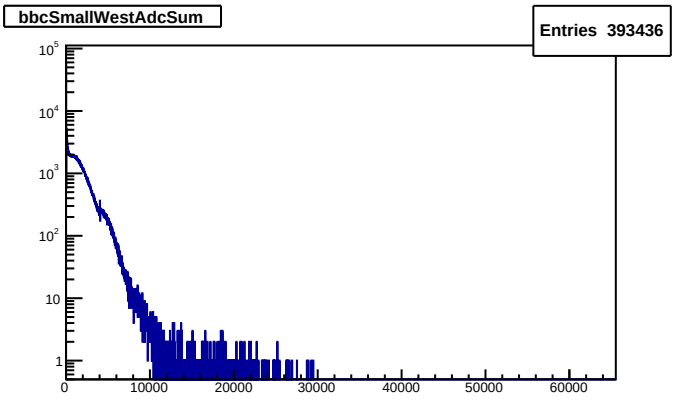
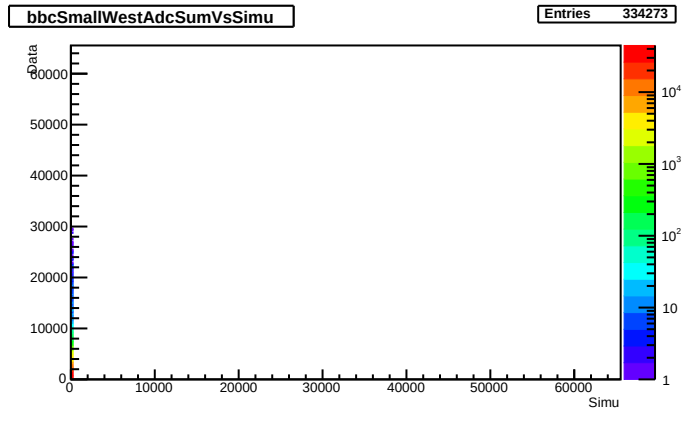
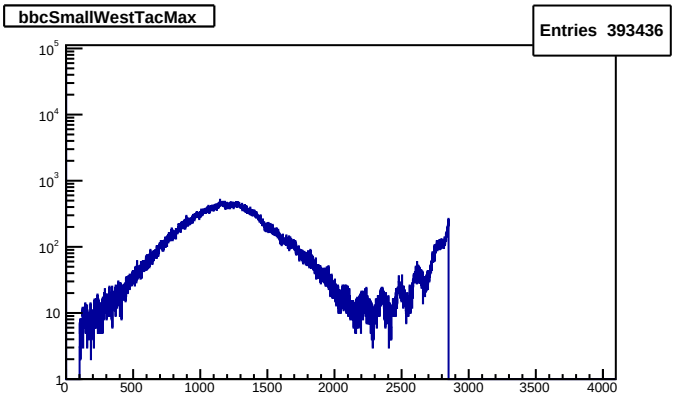
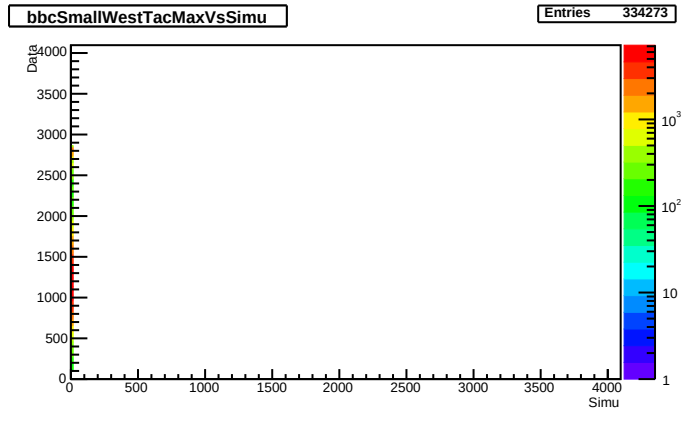
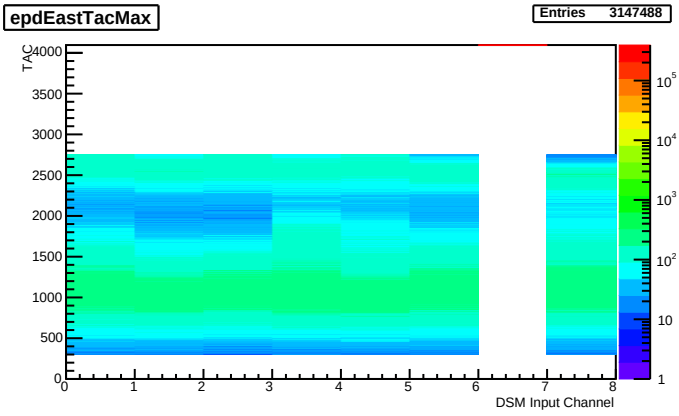
Simu

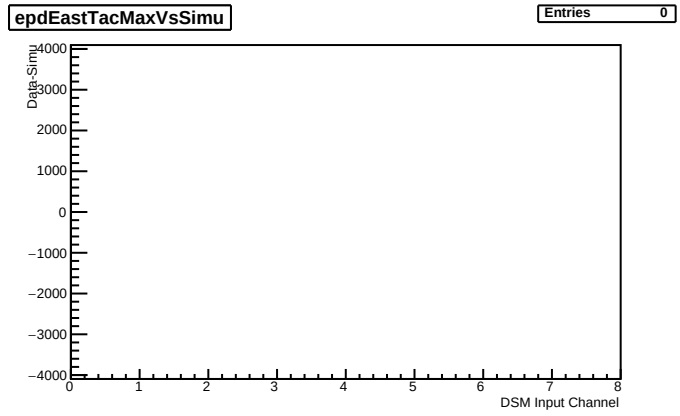

bbcSmallWestAdcSum
Entries 393436


bbcSmallWestAdcSumVsSimu
Entries 334273
Data
Simu


bbcSmallWestTacMax
Entries 393436


bbcSmallWestTacMaxVsSimu
Entries 334273
Data
Simu


epdEastTacMax
Entries 3147488
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
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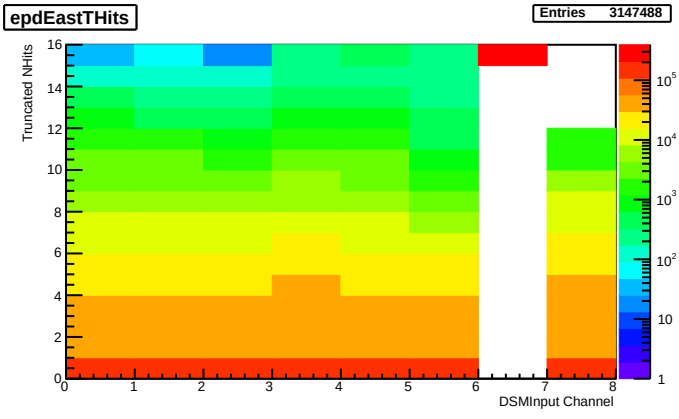
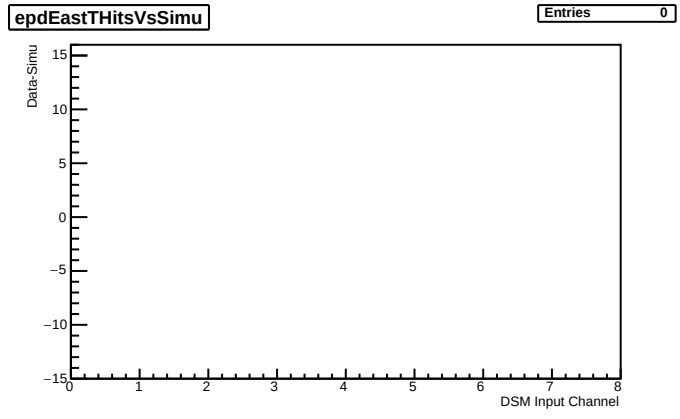

epdEastTHits
Entries 3147488
Truncated NHits
DSMInput Channel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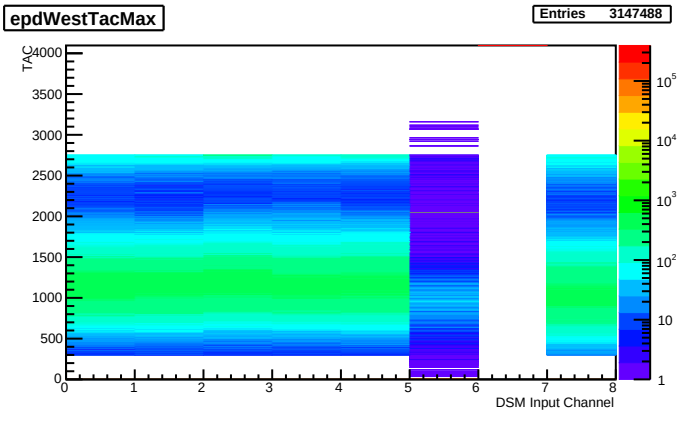
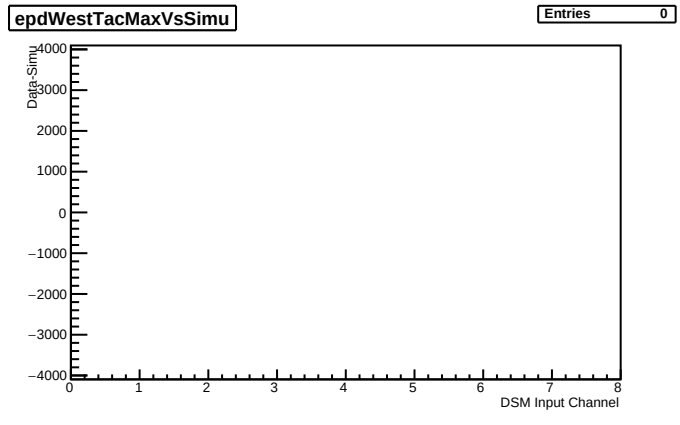
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3147488
TAC
DSM Input Channel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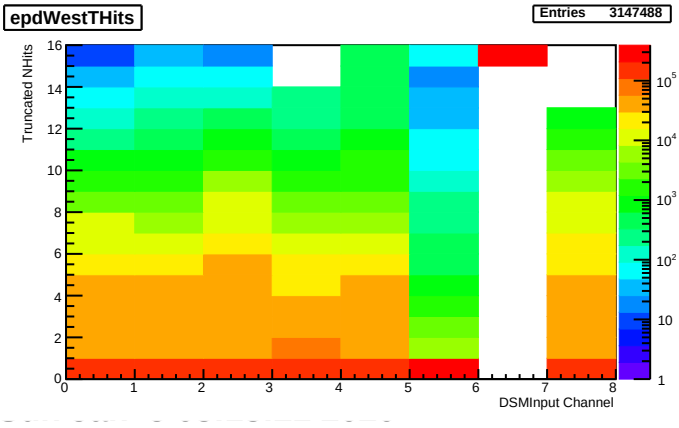
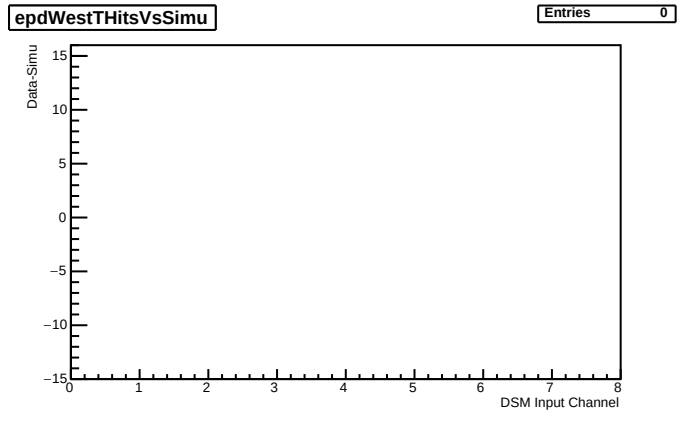
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3147488
Truncated NHits
DSMInput Channel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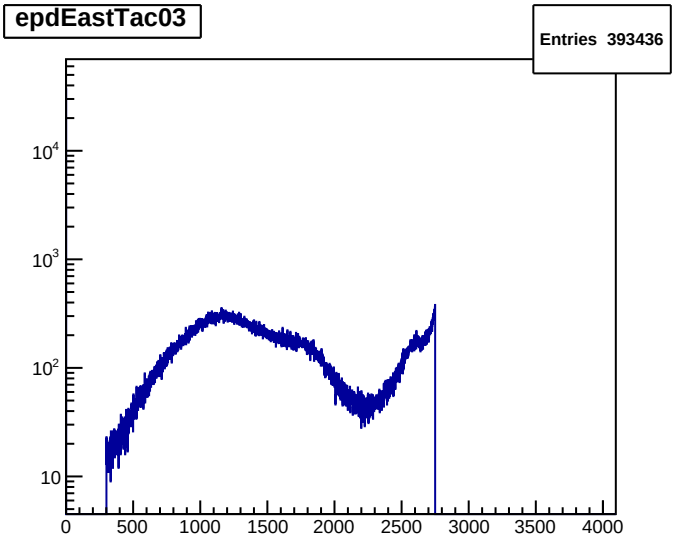
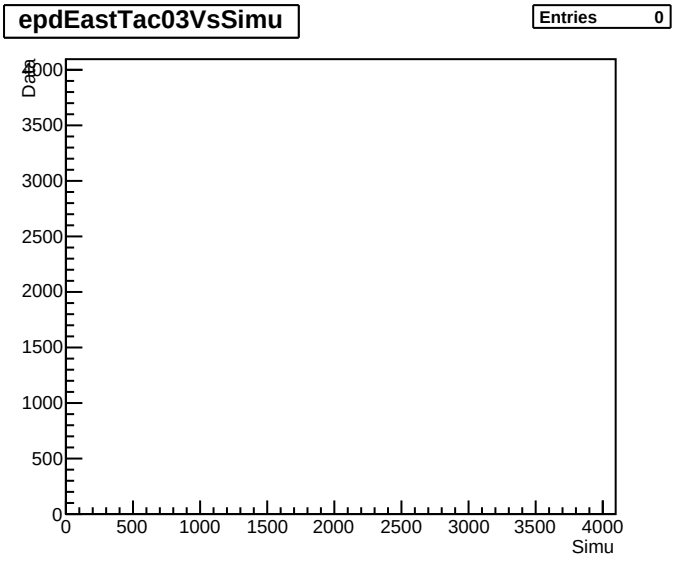
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 393436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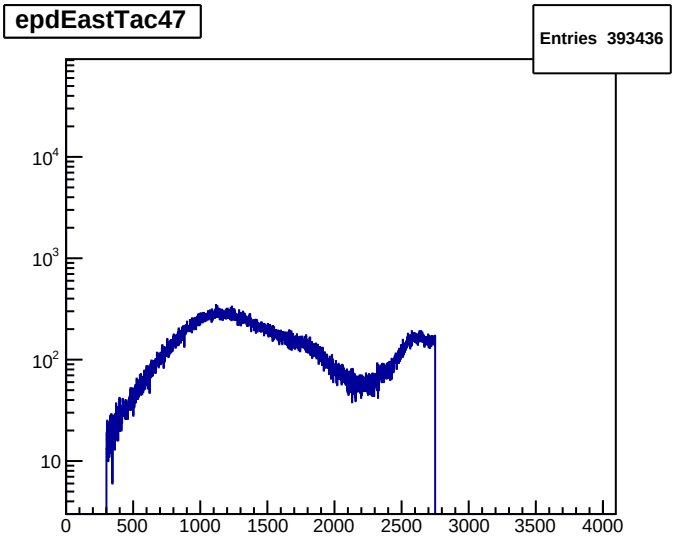
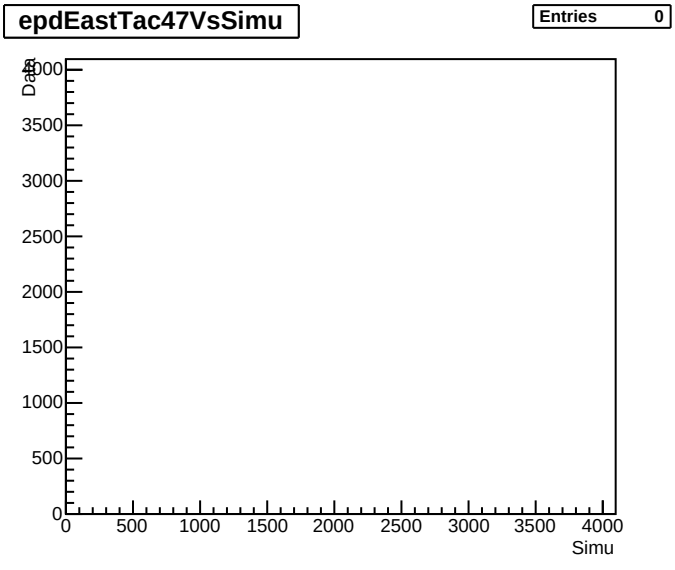
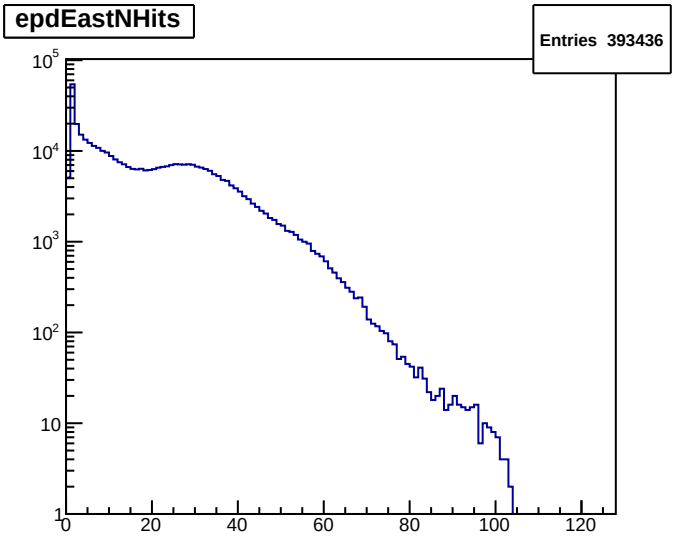
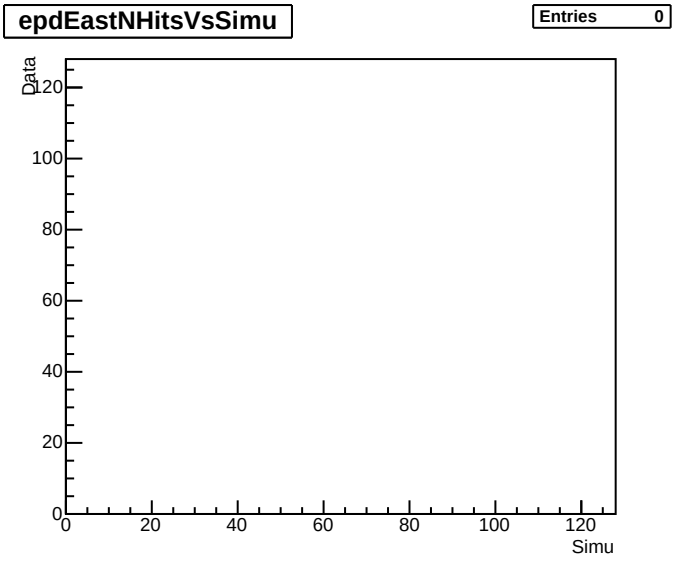
Entries 0
Data
Simu


epdEastTac47
Entries 393436


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 393436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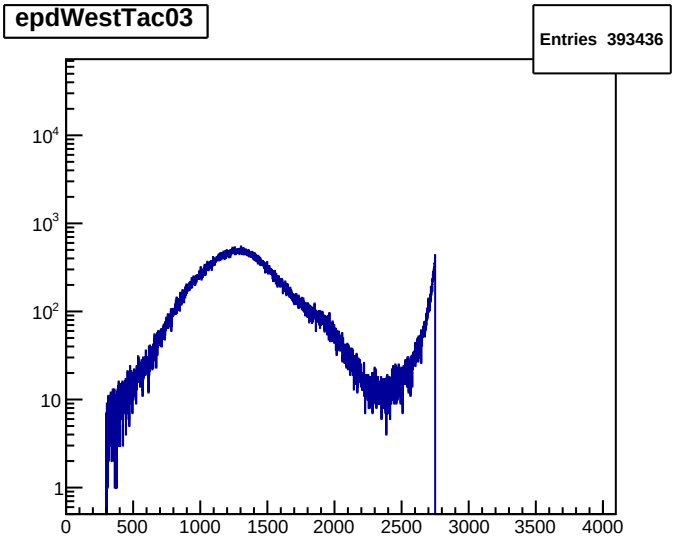
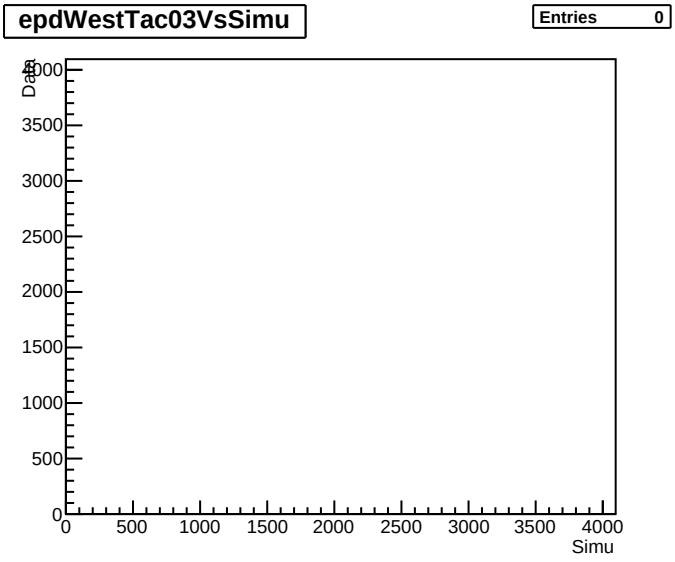
Entries 0
Data
Simu


epdWestTac03
Entries 393436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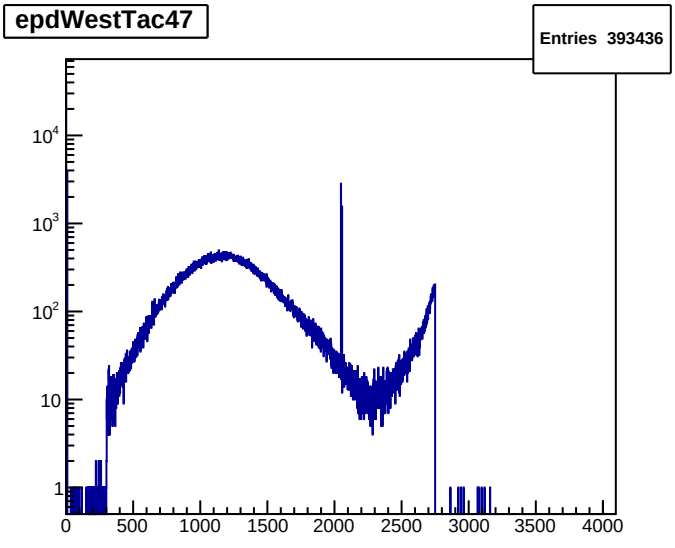
Entries 0
Data
Simu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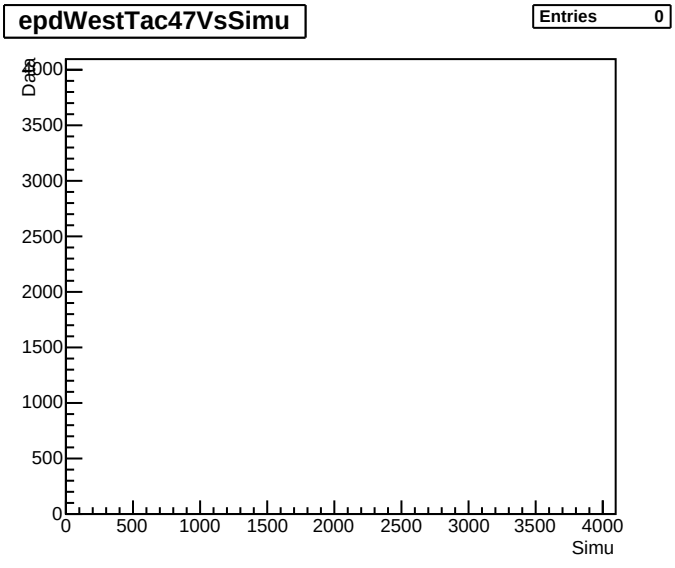
Entries 393436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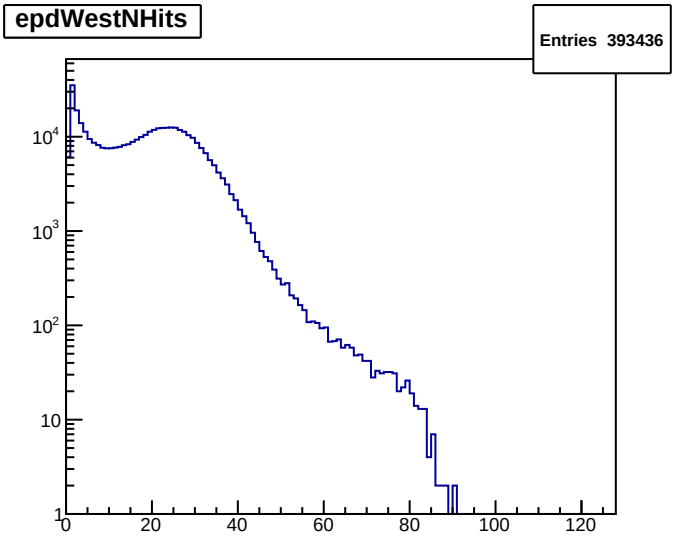
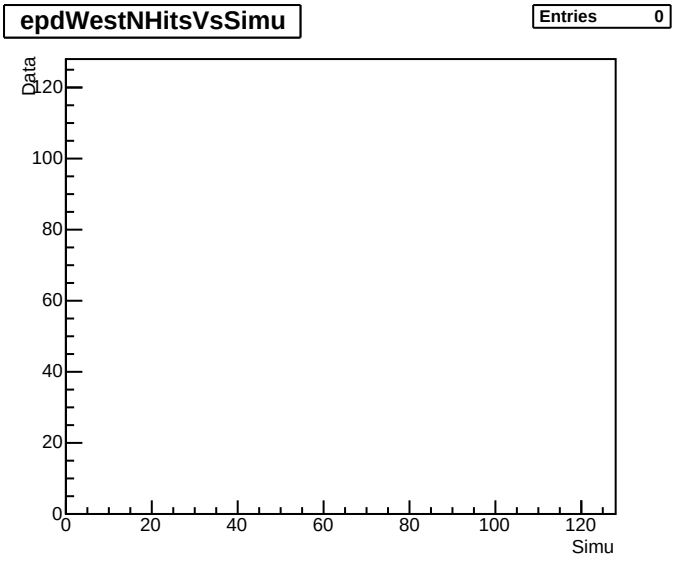
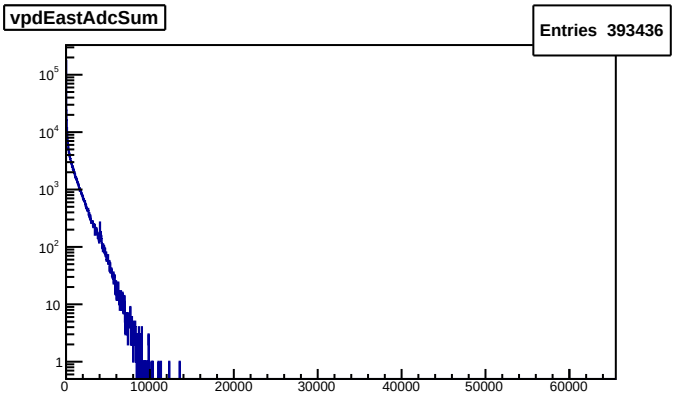
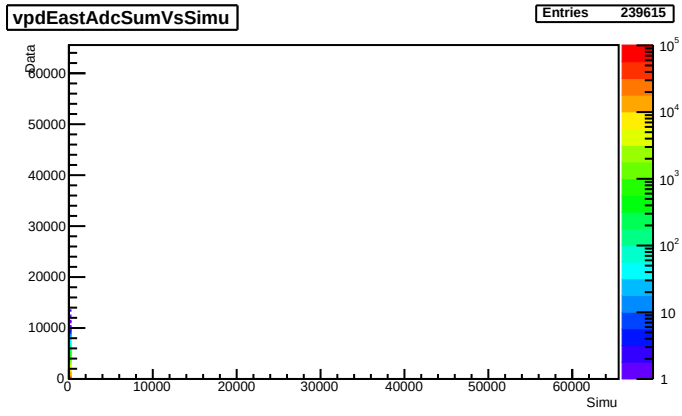
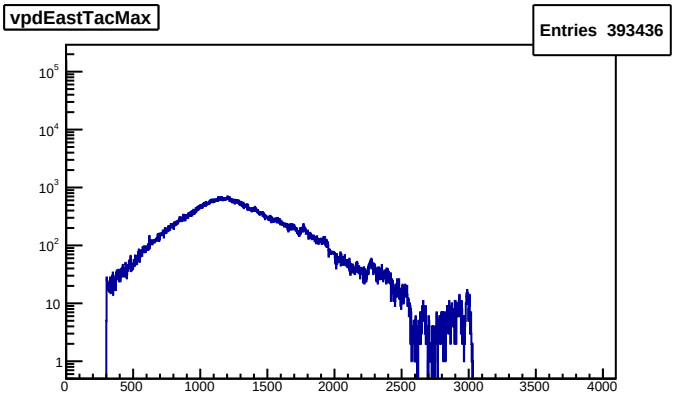
Entries 0
Data
Simu

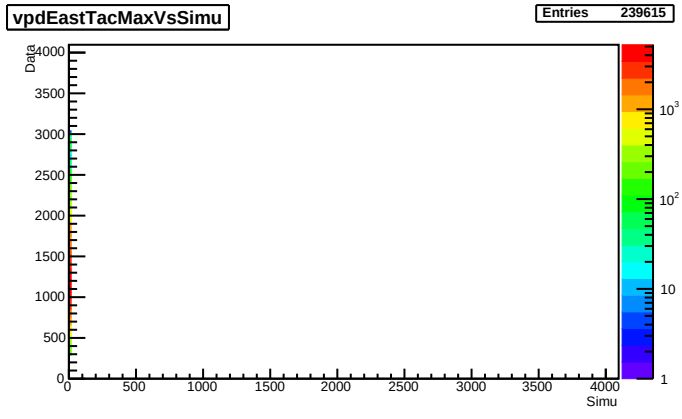

epdWestNHits
Entries 393436


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 393436


vpdEastAdcSumVsSimu
Entries 239615
Data
Simu


vpdEastTacMax
Entries 393436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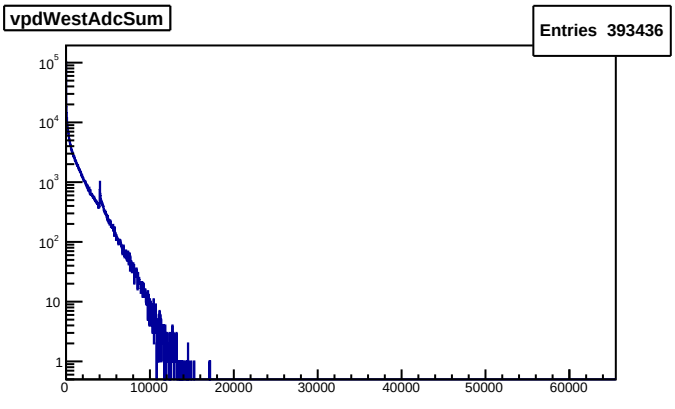
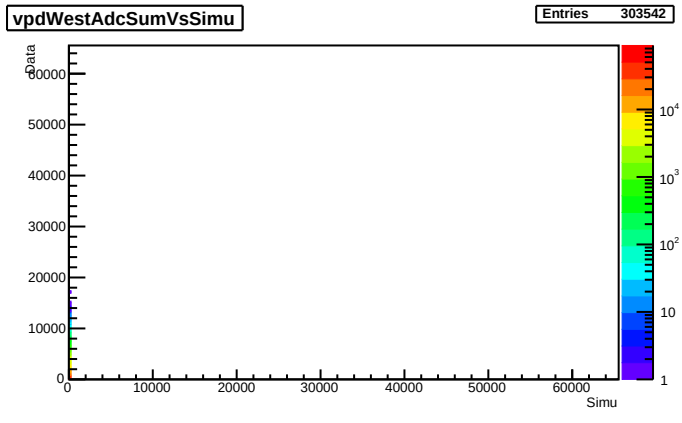
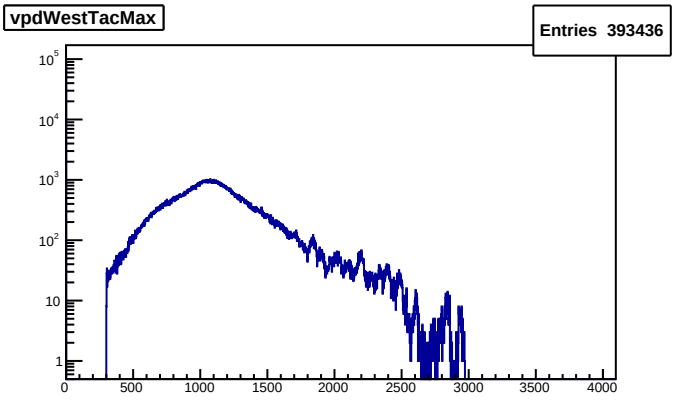
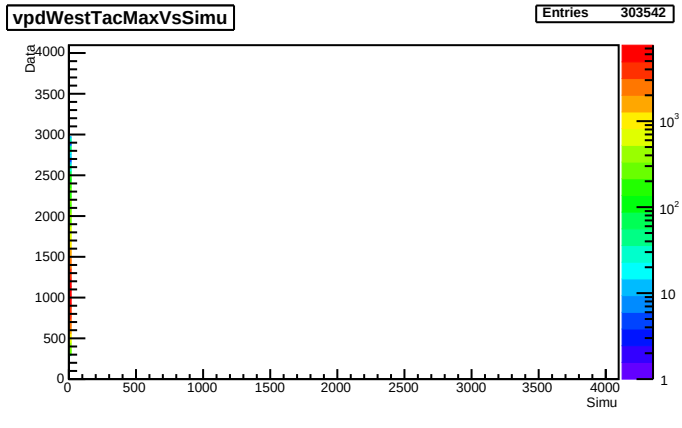
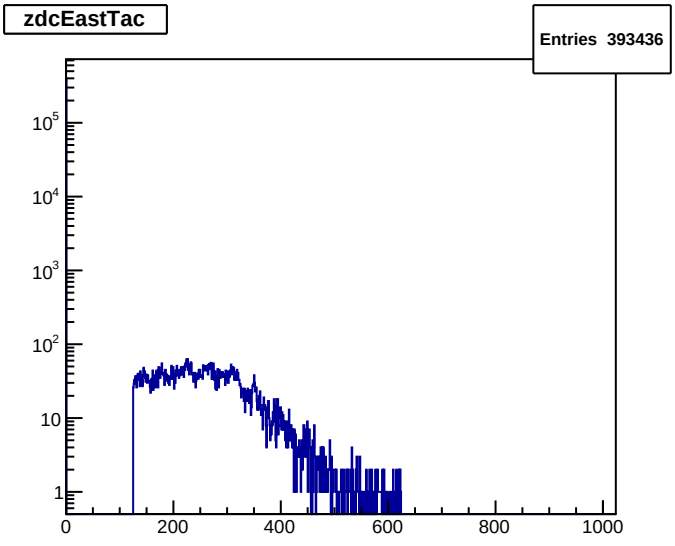
Entries 239615
Data
Simu

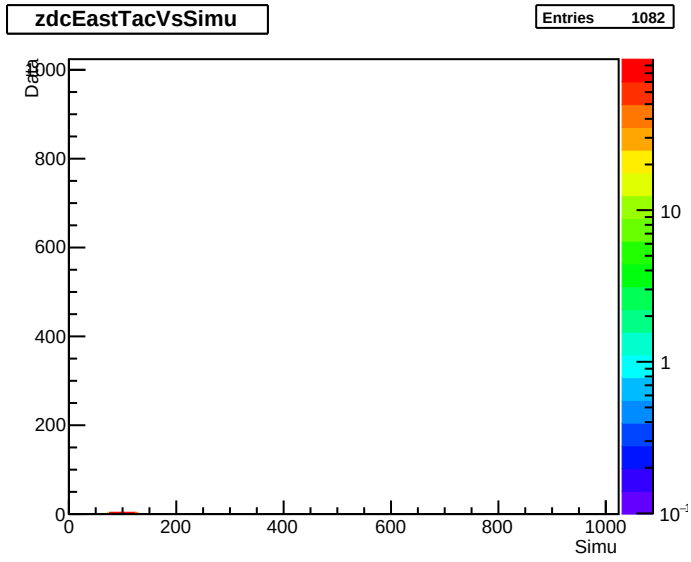

vpdWestAdcSum
Entries 393436

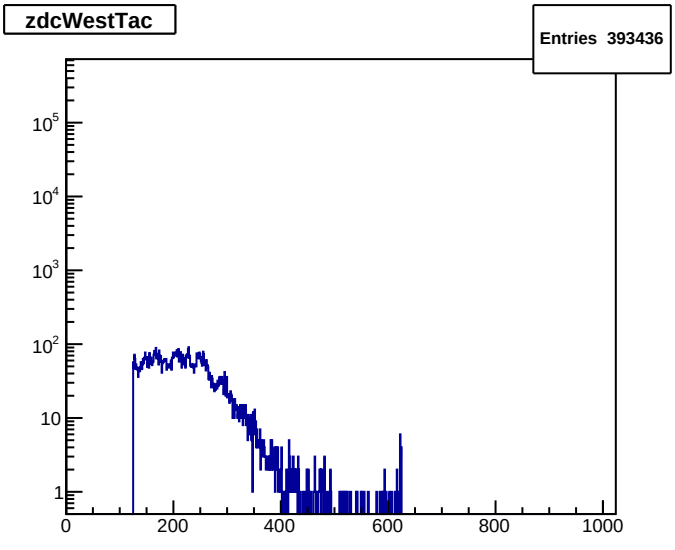

vpdWestAdcSumVsSimu
Entries 303542
Data
Simu

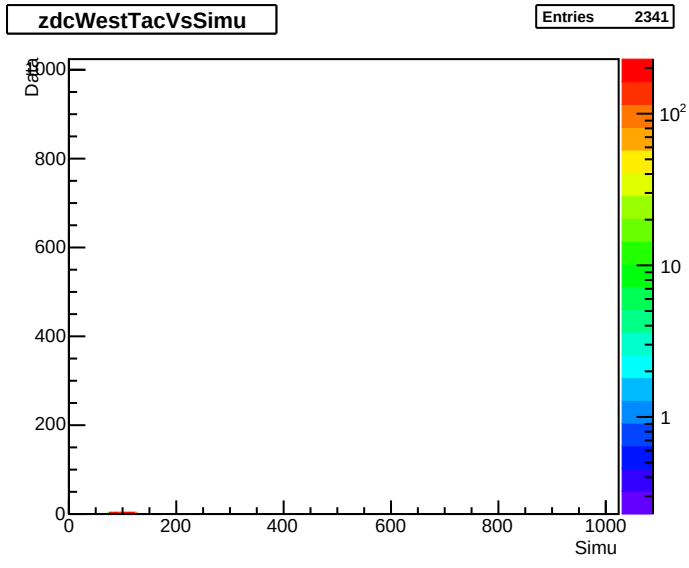

vpdWestTacMax
Entries 393436

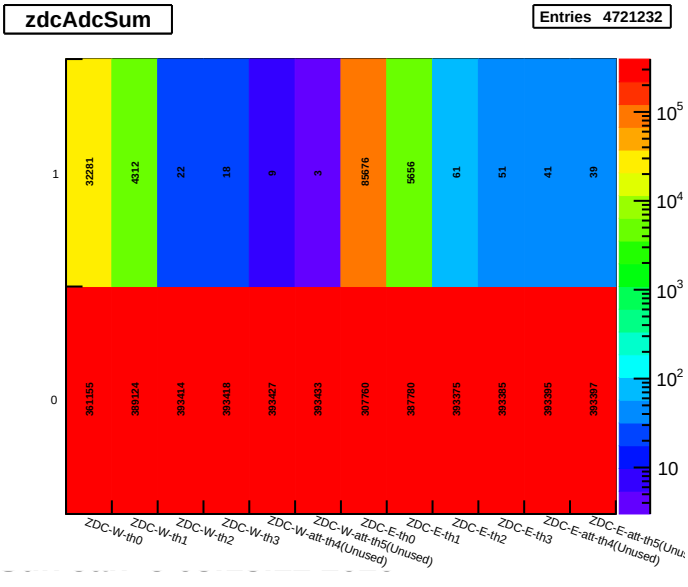

vpdWestTacMaxVsSimu
Entries 303542
Data
Simu

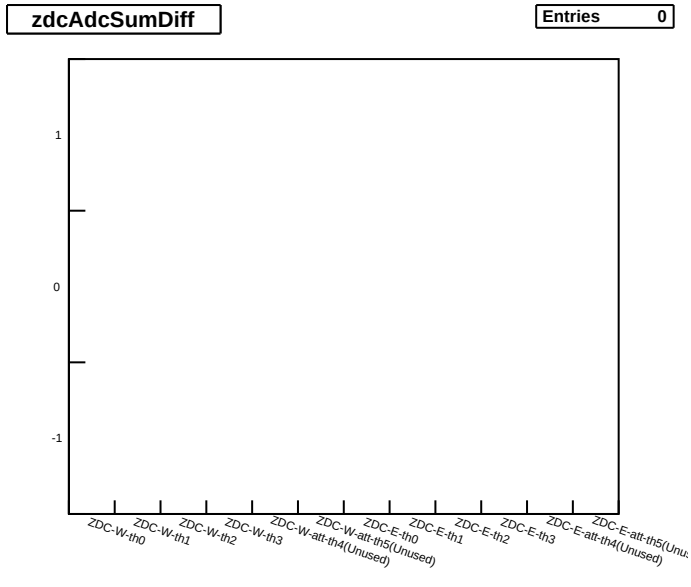

zdcEastTac
Entries 393436

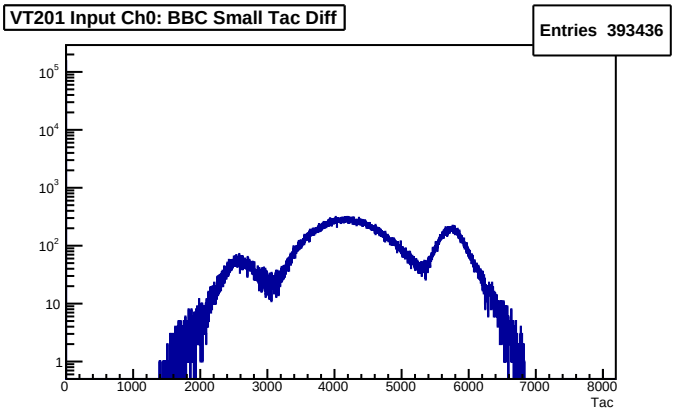

zdcEastTacVsSimu
Entries 1082
Data
Simu

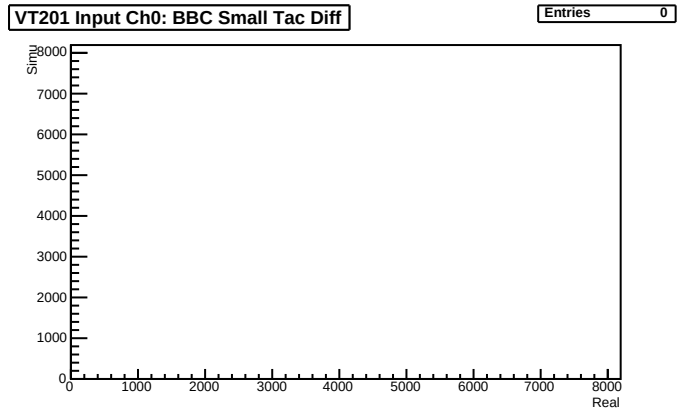

zdcWestTac
Entries 393436

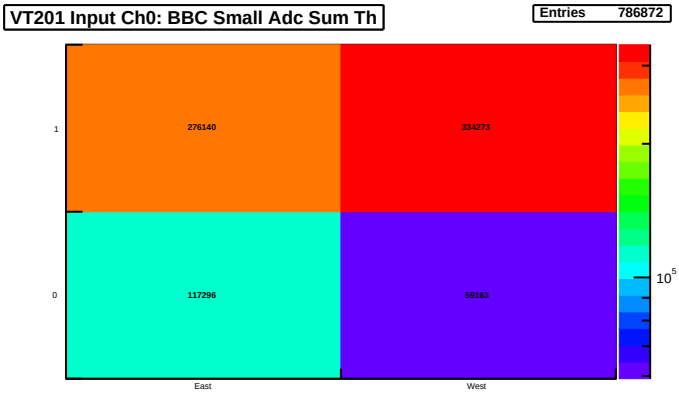

zdcWestTacVsSimu
Entries 2341
Data
Simu

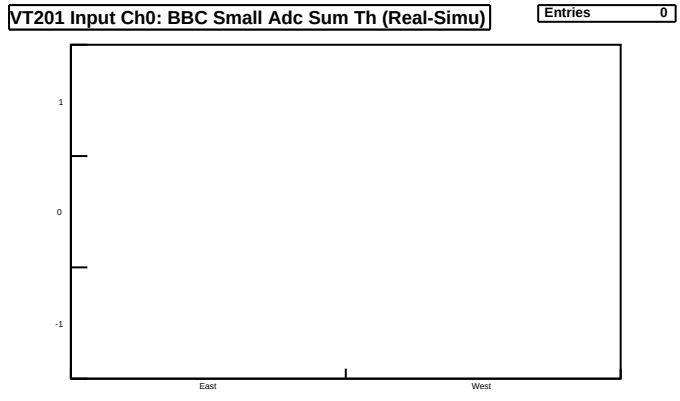

zdcAdcSum
Entries 4721232
32281
4312
22
18
9
3
85676
5656
61
51
41
39
361155
389124
393414
393418
393427
393433
307760
387780
393375
393385
393395
393397
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

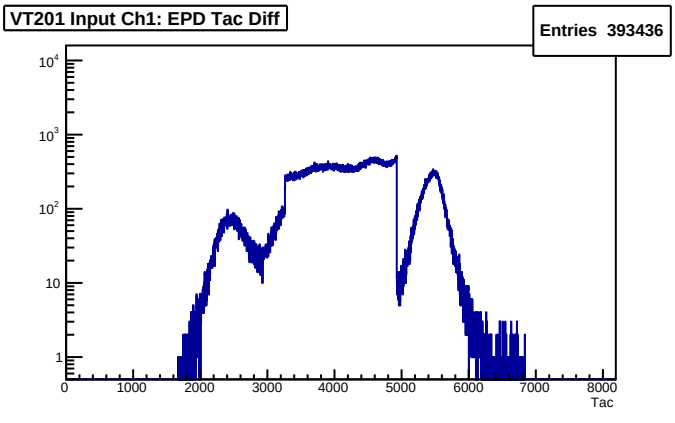

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

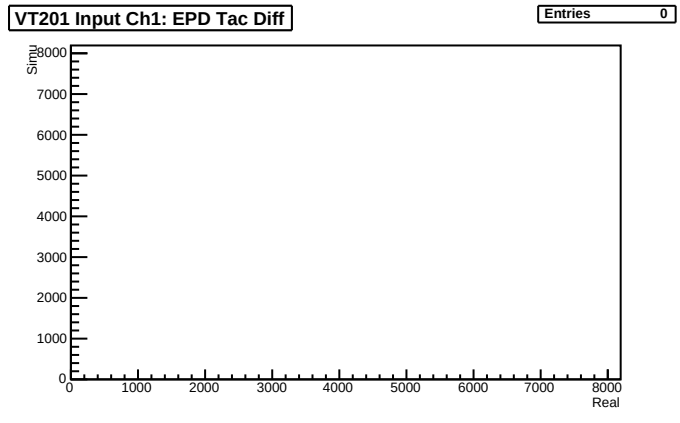

VT201 Input Ch0: BBC Small Tac Diff
Entries 393436
Tac

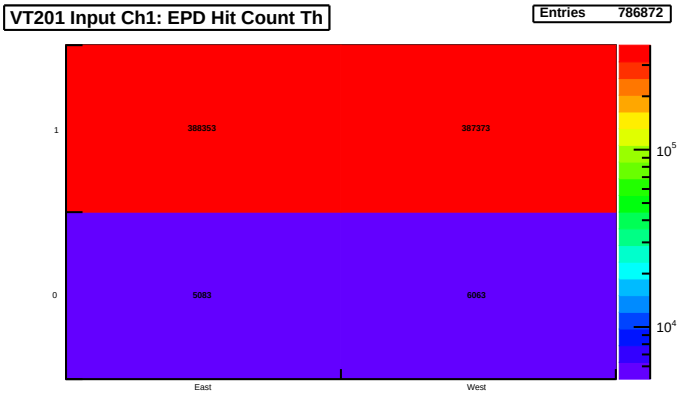

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

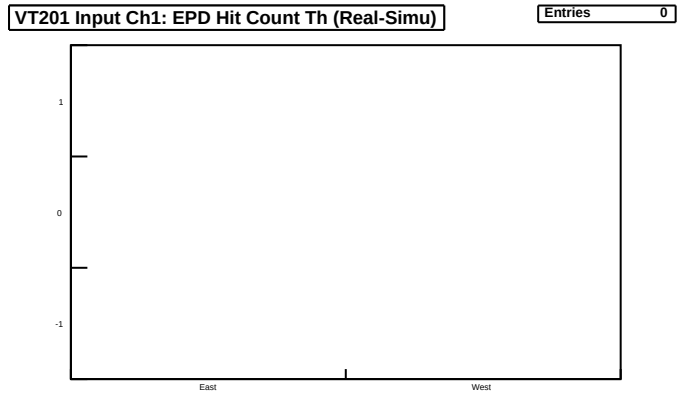

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 786872
276140
334273
117296
59163
East
West

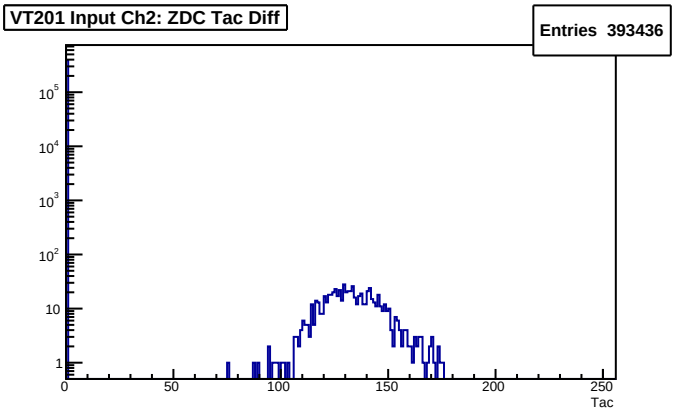

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

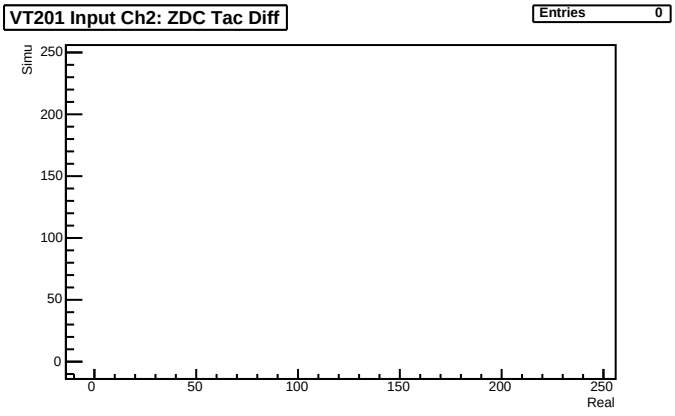

VT201 Input Ch1: EPD Tac Diff
Entries 393436
Tac

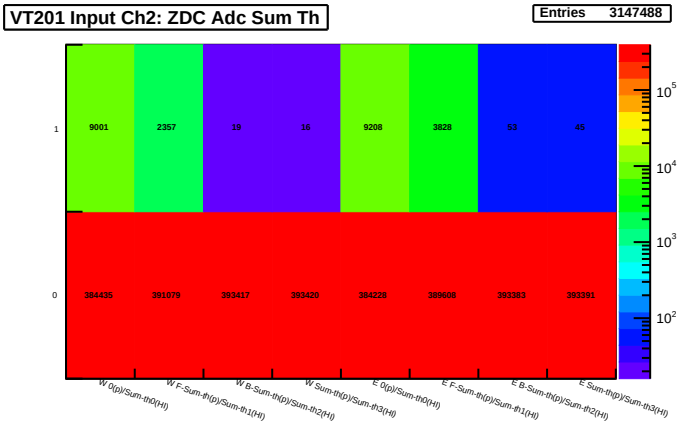

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

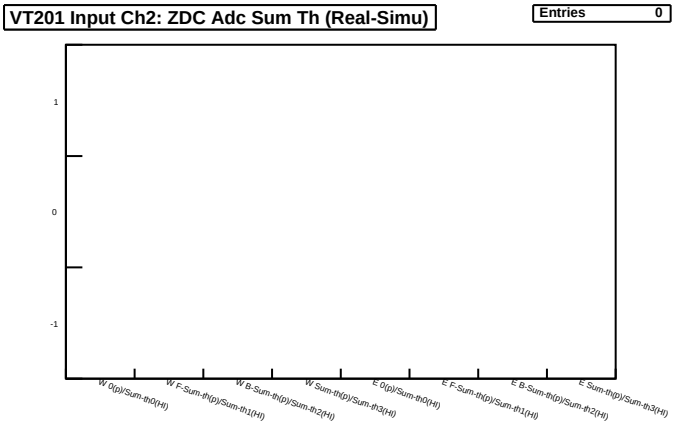

VT201 Input Ch1: EPD Hit Count Th
Entries 786872
388353
387373
5083
6063
East
West

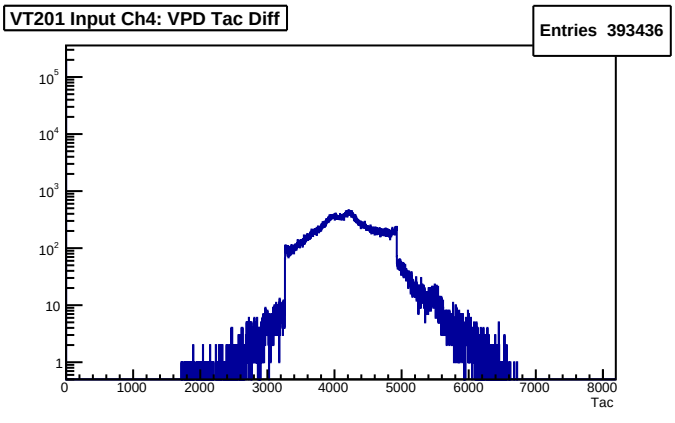

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

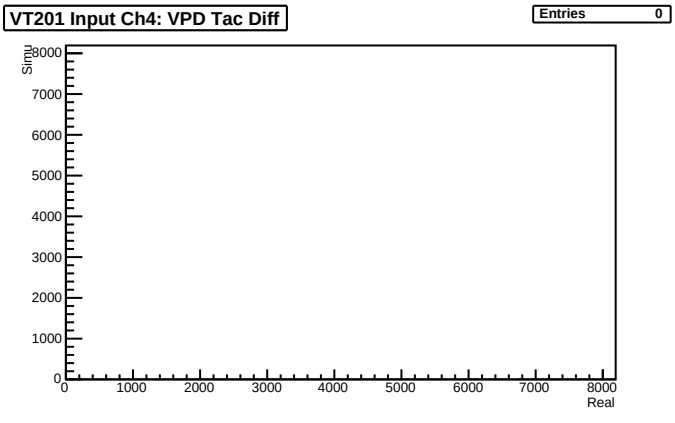

VT201 Input Ch2: ZDC Tac Diff
Entries 393436
Tac

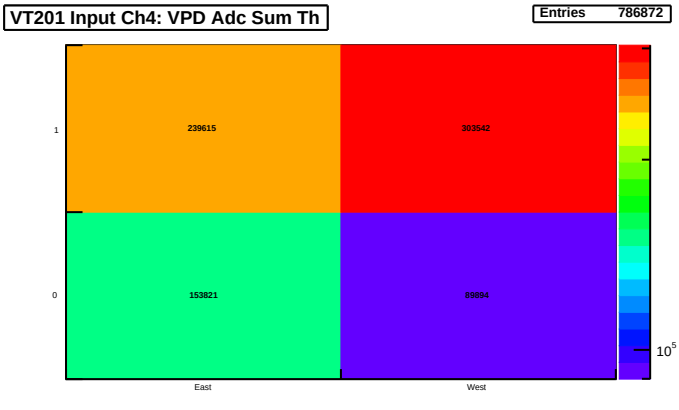

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

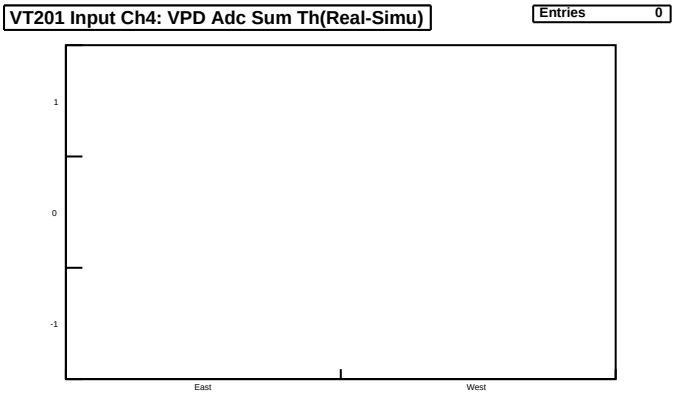

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3147488
9001
2357
19
16
9208
3828
53
45
384435
391079
393417
393420
384228
389608
393383
393391
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

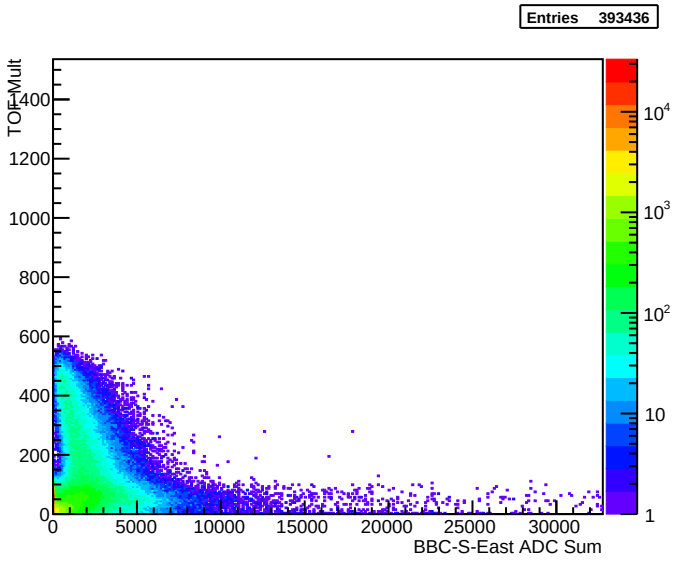

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

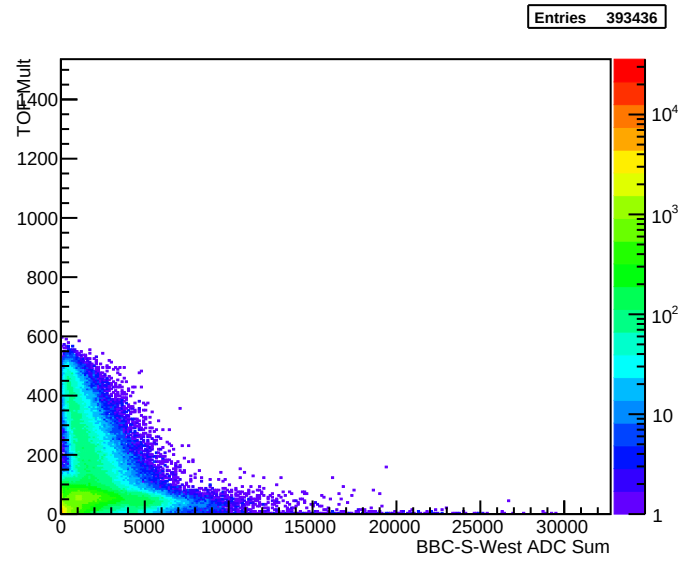

VT201 Input Ch4: VPD Tac Diff
Entries 393436
Tac

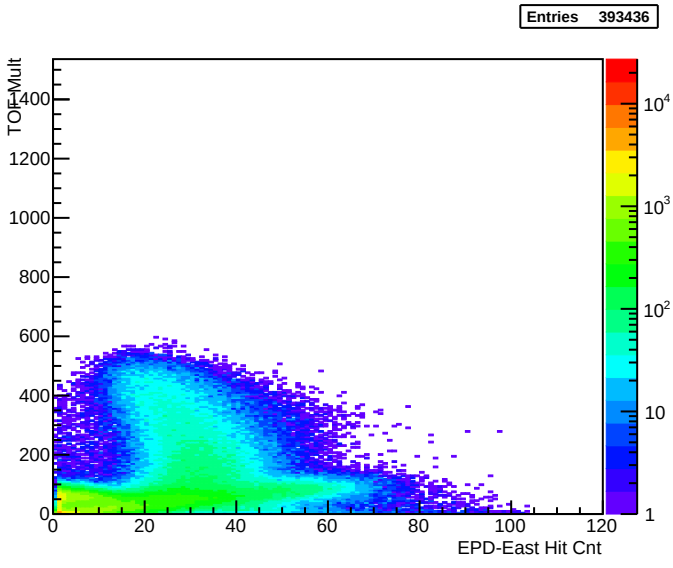

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

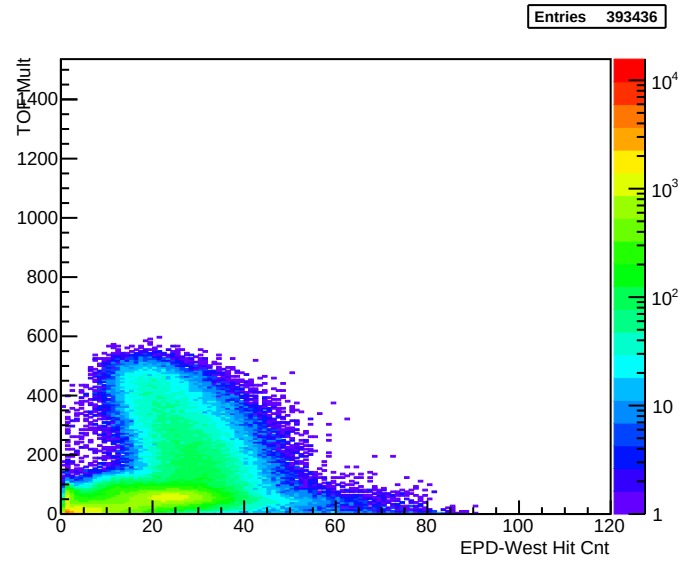

VT201 Input Ch4: VPD Adc Sum Th
Entries 786872
239615
303542
153821
89894
East
West

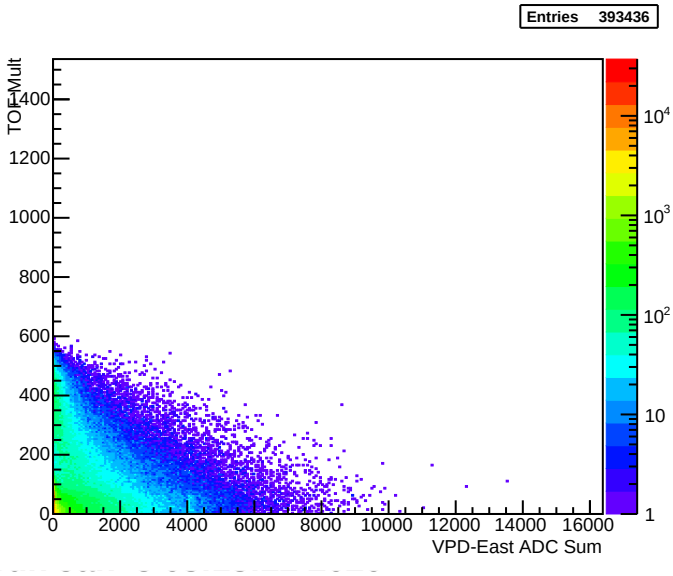

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

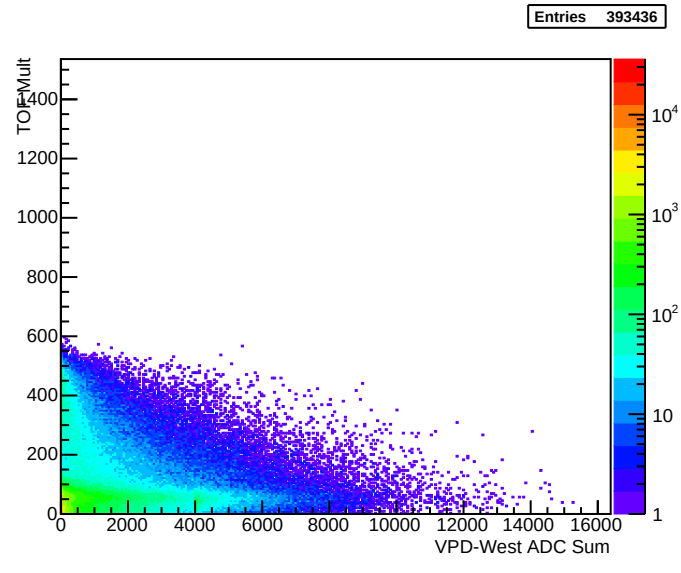

Entries 393436
TOF-Mult
BBC-S-East ADC Sum

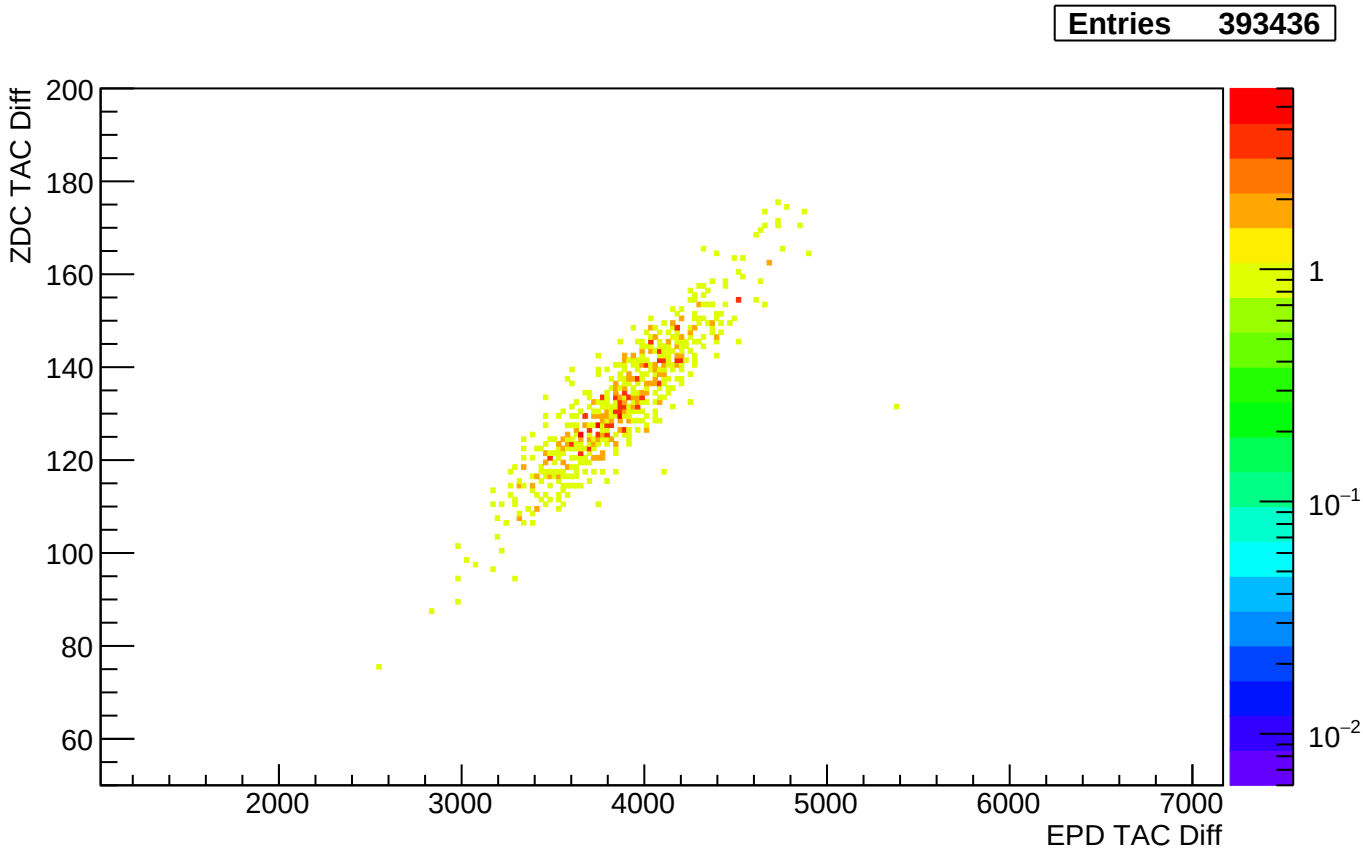

Entries 393436
TOF-Mult
BBC-S-West ADC Sum

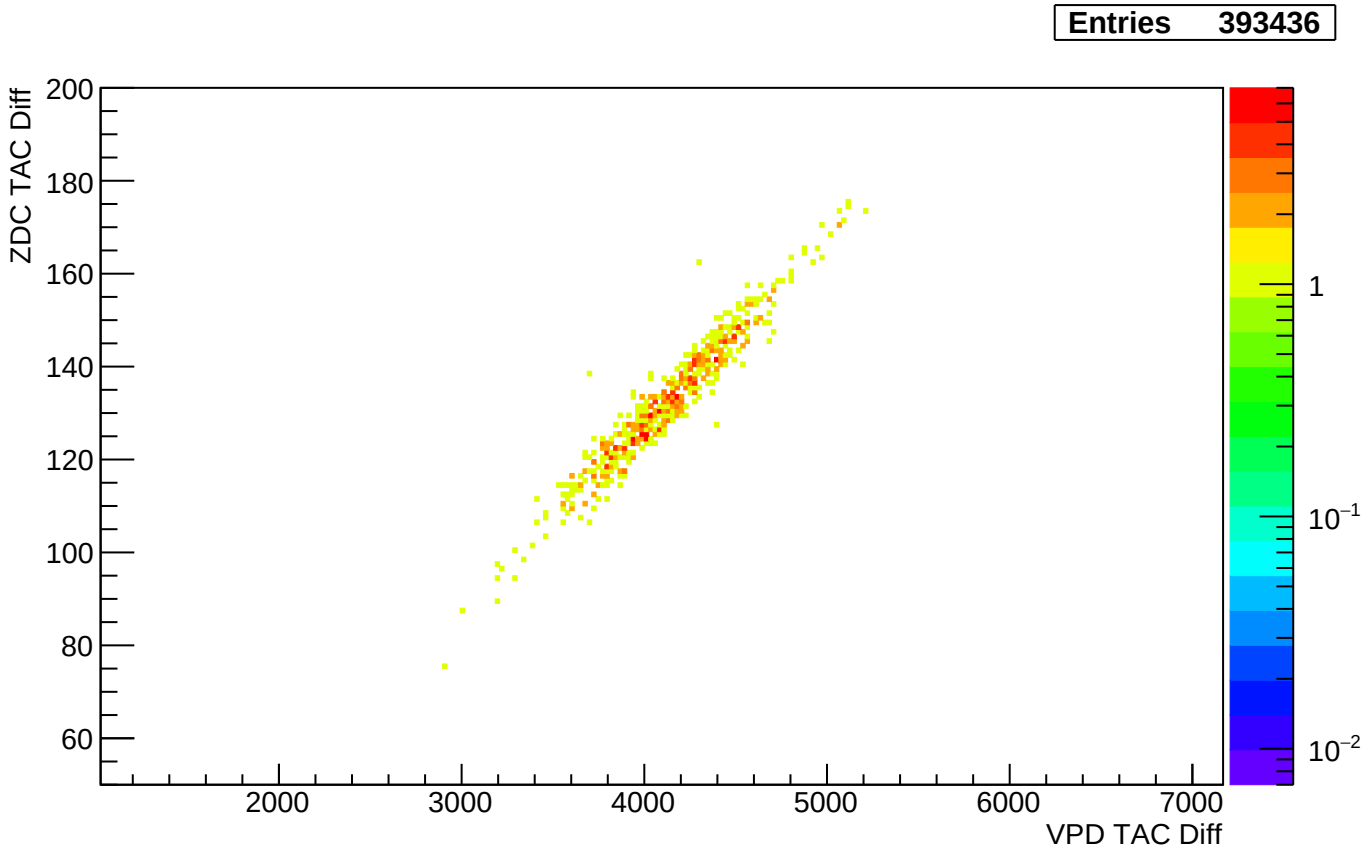

Entries 393436
TOF-Mult
EPD-East Hit Cnt

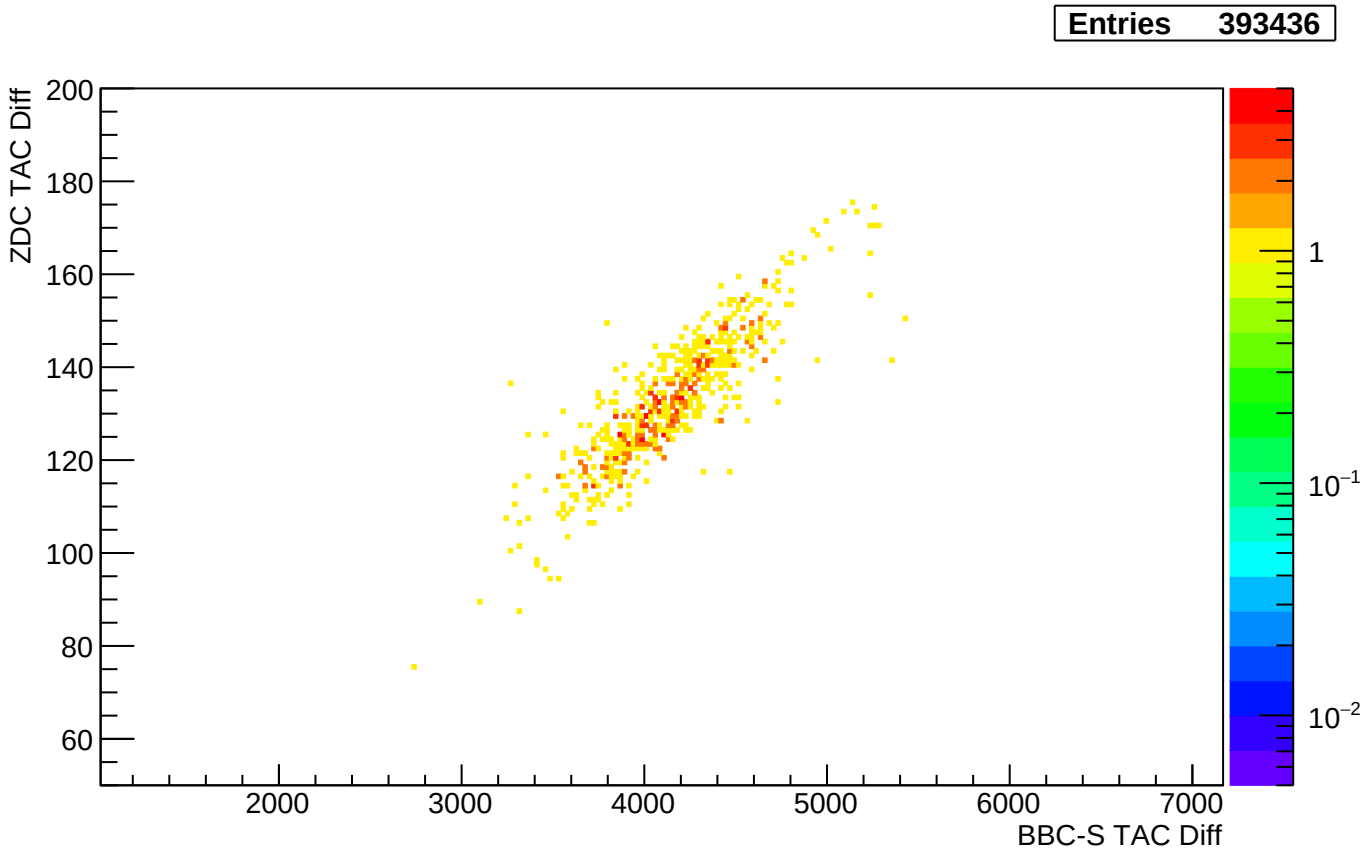

Entries 393436
TOF-Mult
EPD-West Hit Cnt

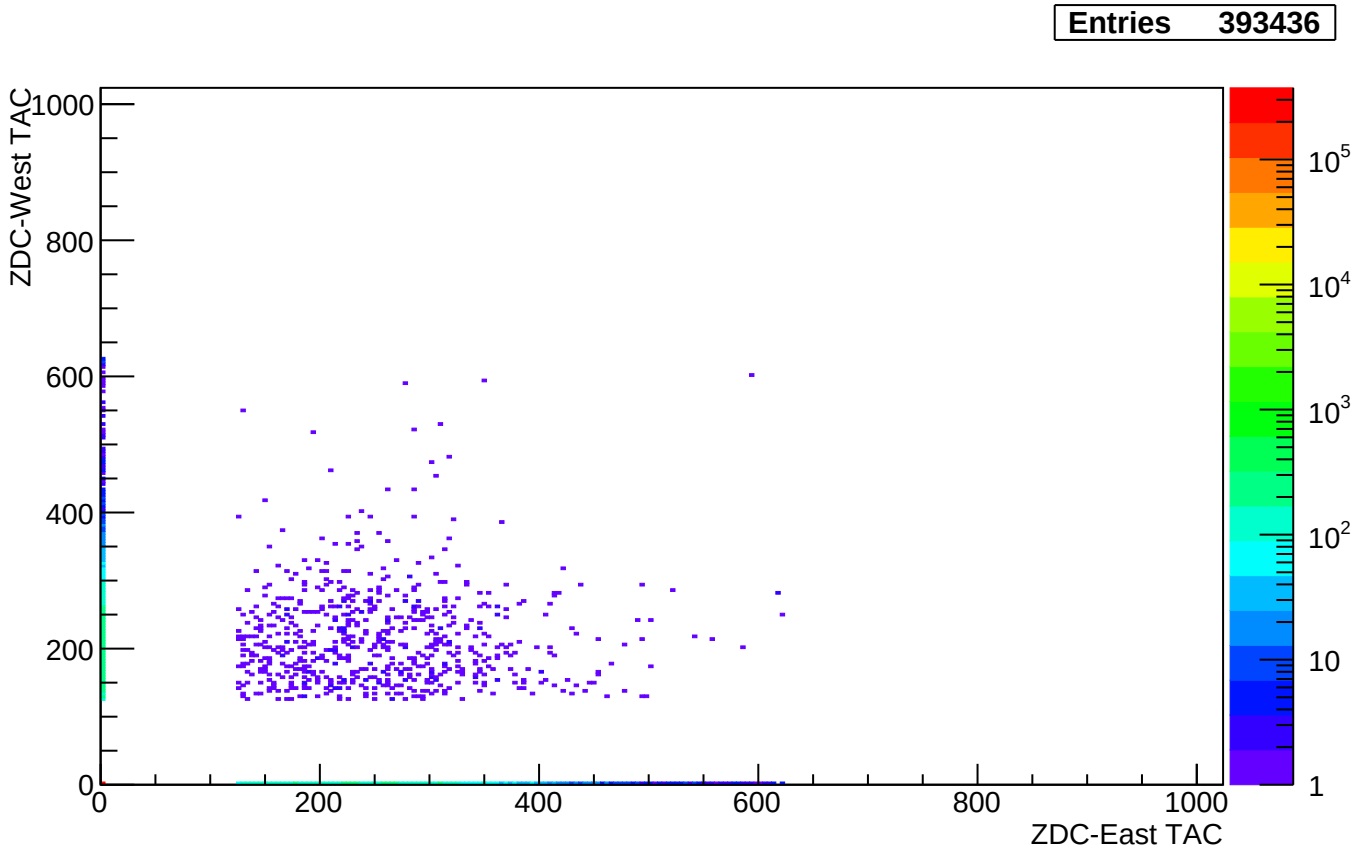

Entries 393436
TOF-Mult
VPD-East ADC Sum

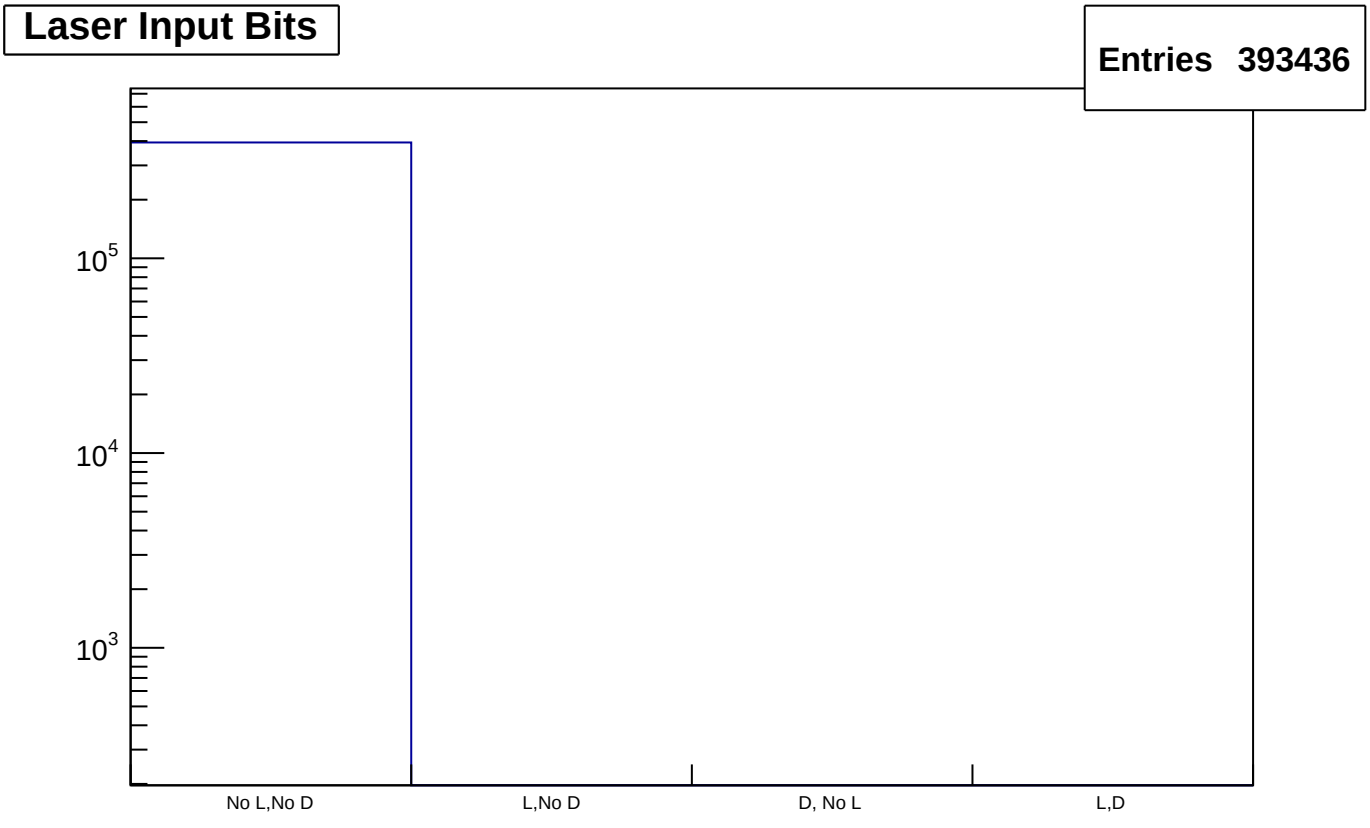

Entries 393436
TOF-Mult
VPD-West ADC Sum

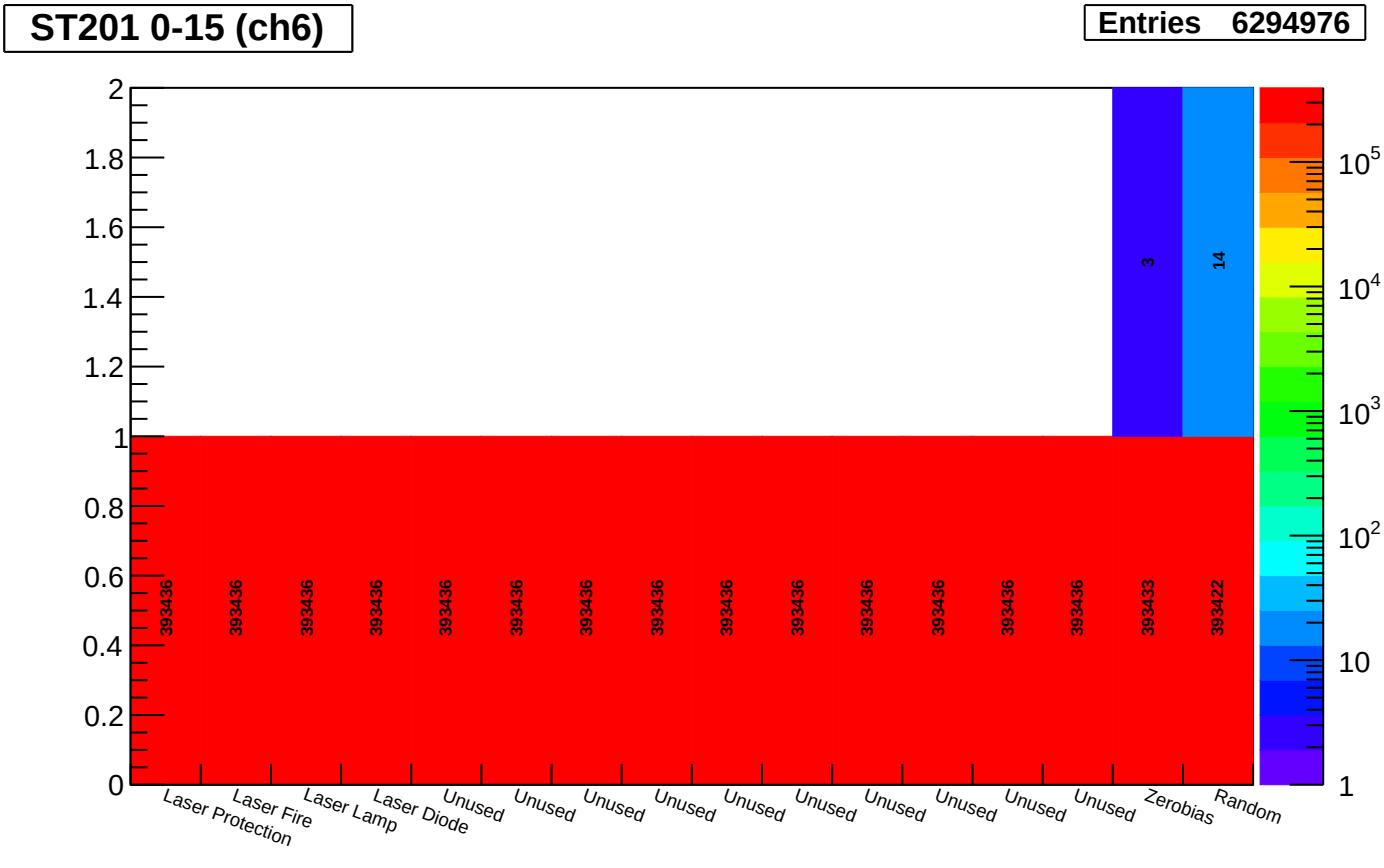

Entries 393436
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
$10^{-1}$
$10^{-2}$

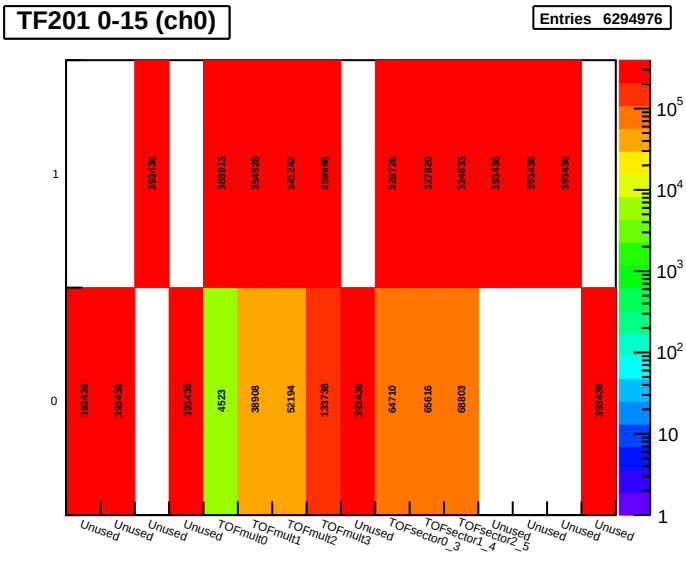

Entries 393436
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
$10^{-1}$
$10^{-2}$

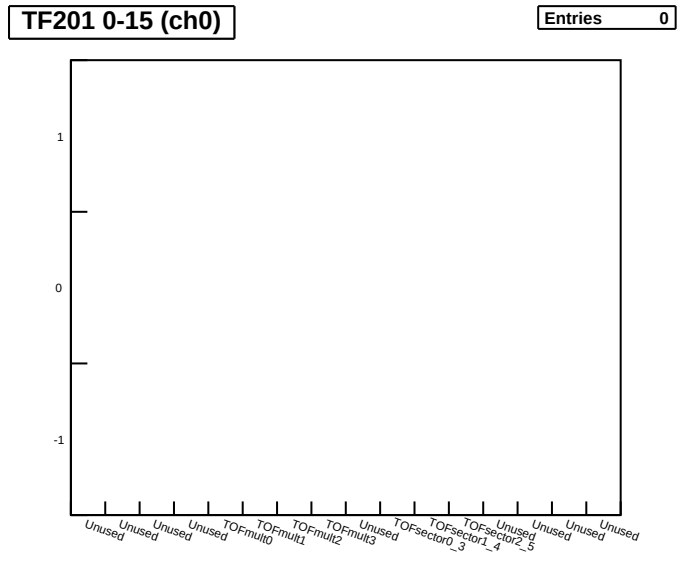

Entries 393436
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
$10^{-1}$
$10^{-2}$

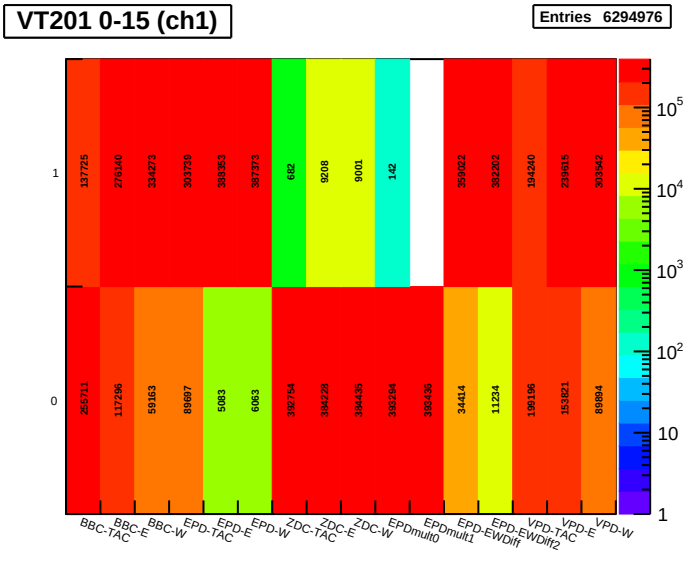

Entries 393436
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
$10^5$
$10^4$
$10^3$
$10^2$
10
1

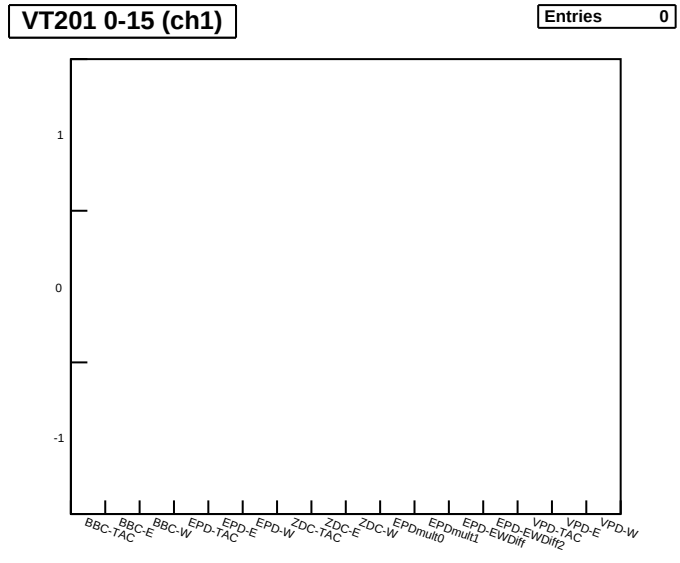

Laser Input Bits
Entries 393436
$10^5$
$10^4$
$10^3$
No L,No D
L,No D
D, No L
L,D

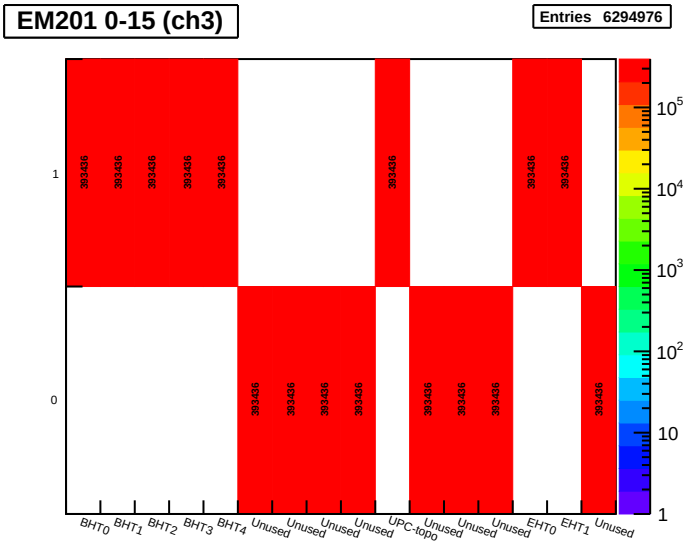

ST201 0-15 (ch6)
Entries 6294976
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393433
393422
3
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
$10^5$
$10^4$
$10^3$
$10^2$
10
1

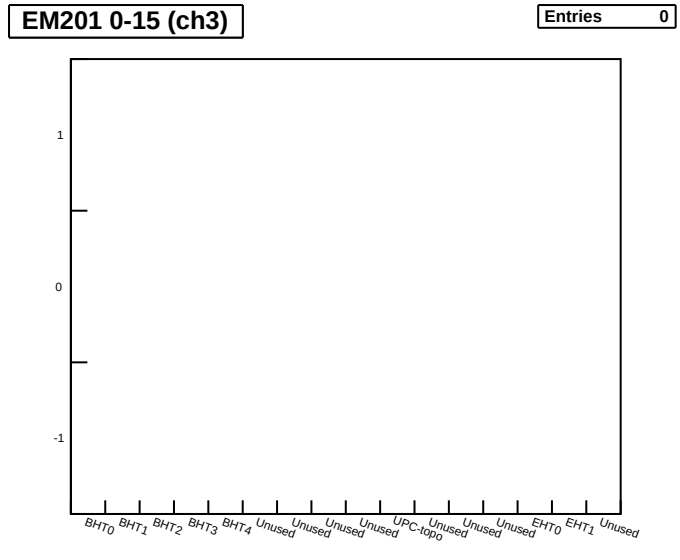

TF201 0-15 (ch0)
Entries 6294976
1
0
393436
389913
354528
341242
299698
328726
327820
324633
393436
393436
393436
393436
393436
393436
393436
4523
38908
52194
133738
393436
64710
65616
68803
393436
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
$10^5$
$10^4$
$10^3$
$10^2$
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 6294976
1
0
137725
276140
334273
303739
368353
387373
652
9208
9001
142
359022
382202
194240
239615
303542
255711
117296
59163
89697
5083
6063
392754
384228
384435
393294
393436
34414
11234
199196
153821
89894
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 6294976
1
0
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
393436
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