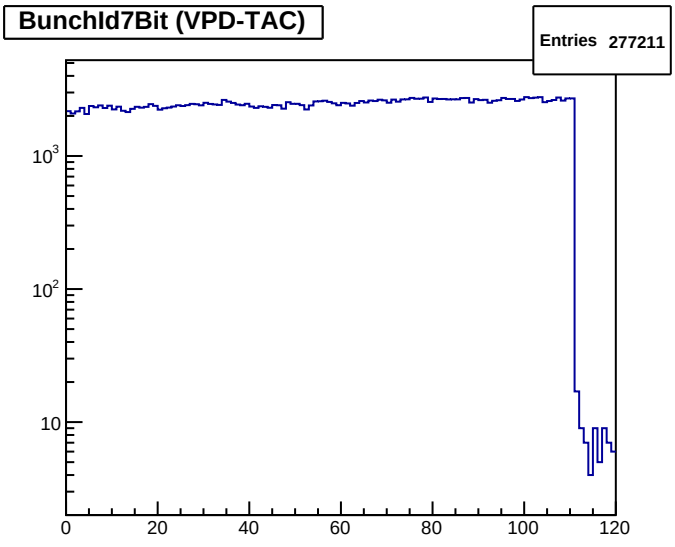
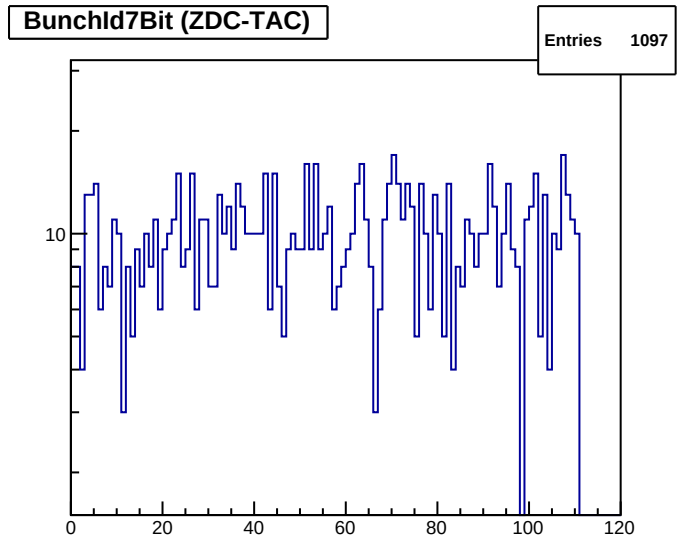
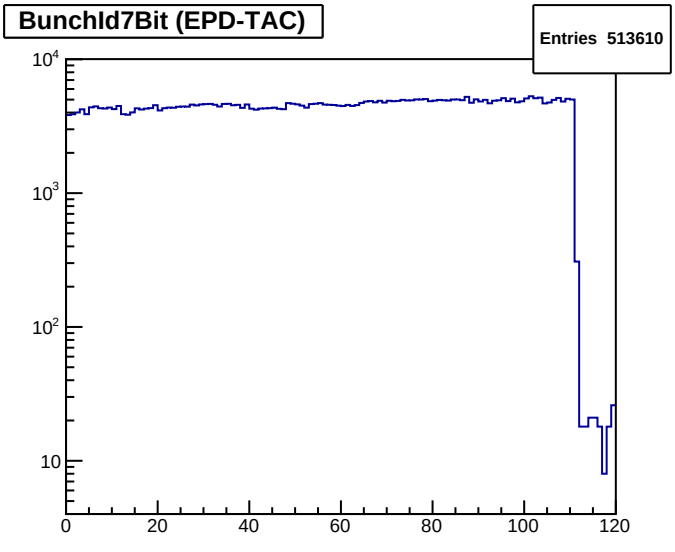
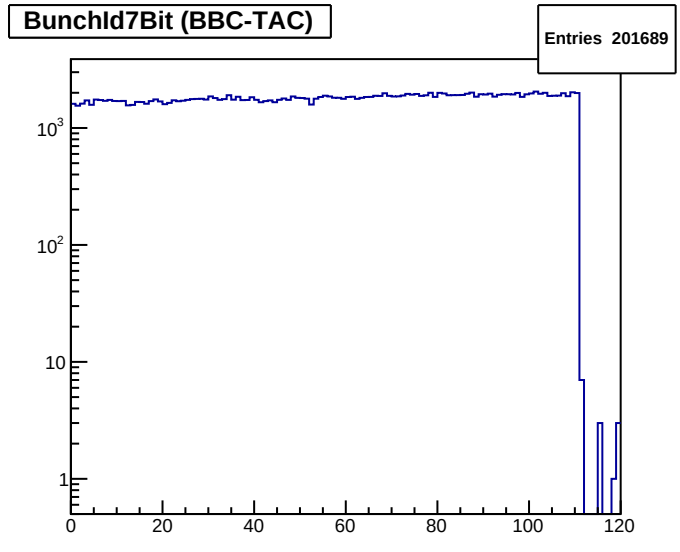
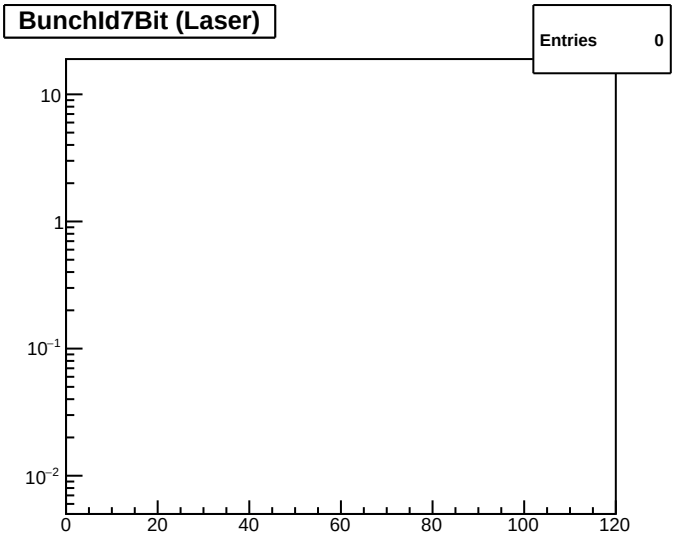
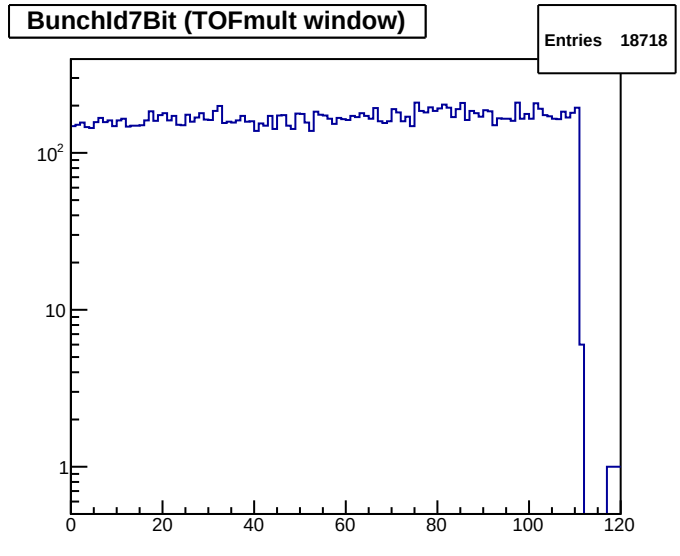

BunchId7Bit (VPD-TAC)
Entries 277211

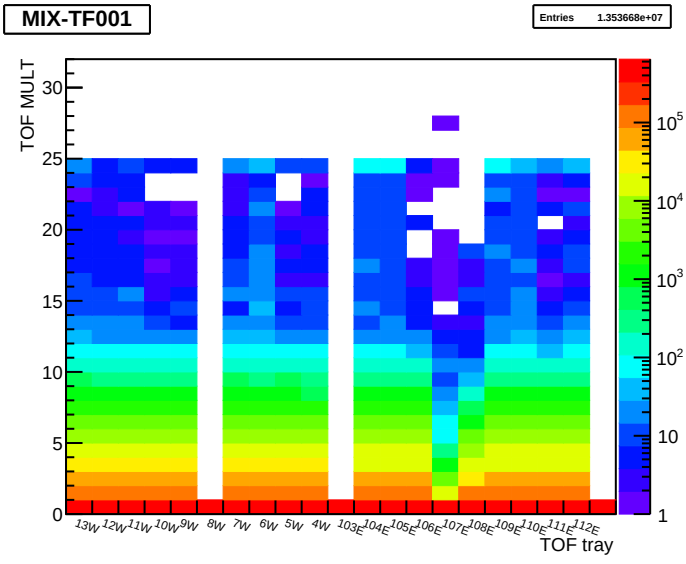

BunchId7Bit (ZDC-TAC)
Entries 1097

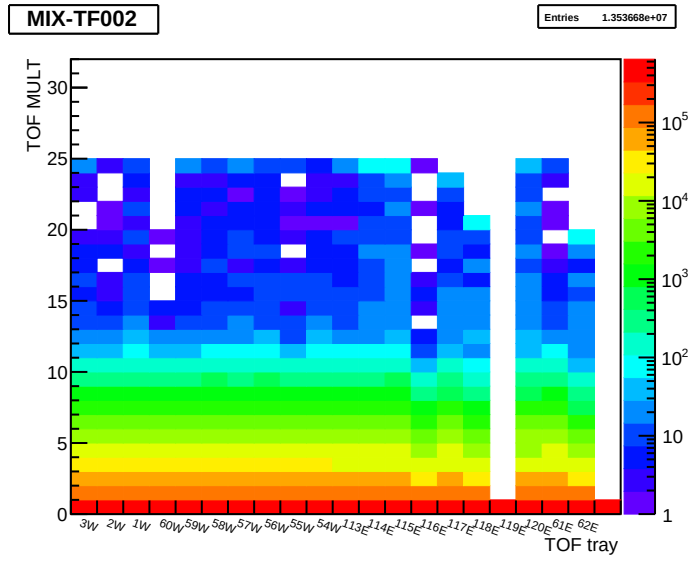

BunchId7Bit (EPD-TAC)
Entries 513610

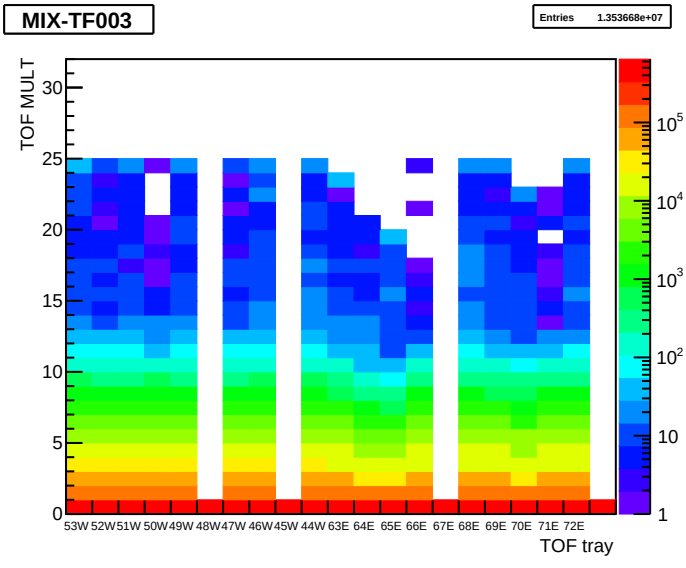

BunchId7Bit (BBC-TAC)
Entries 201689

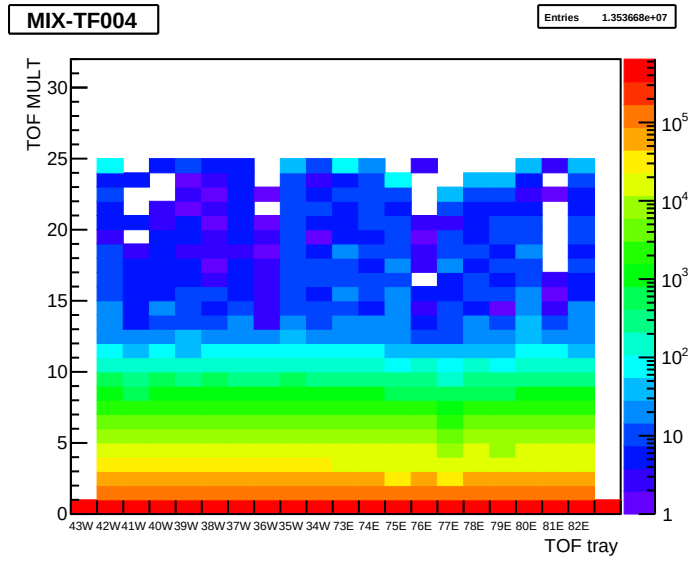

BunchId7Bit (Laser)
Entries 0

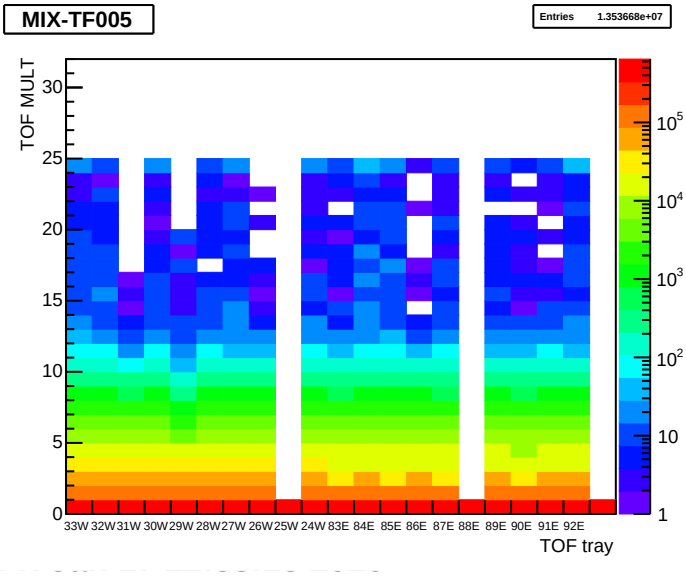

BunchId7Bit (TOFmult window)
Entries 18718

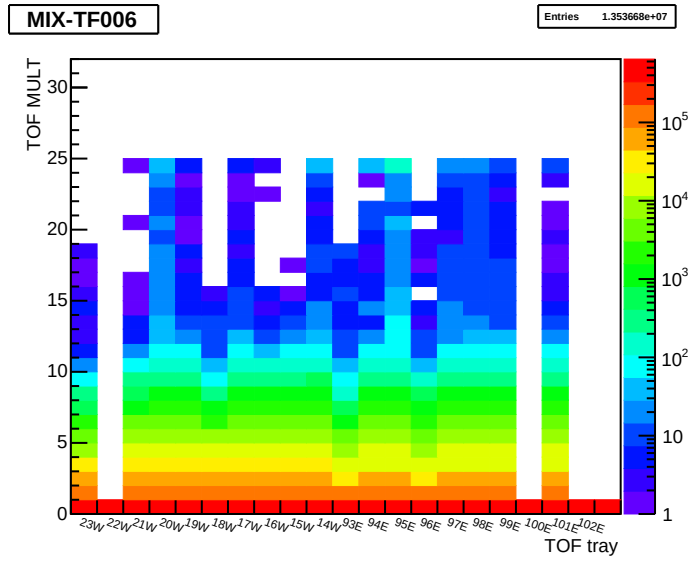

MIX-TF001
Entries 1.353668e+07
TOF MULT
TOF tray

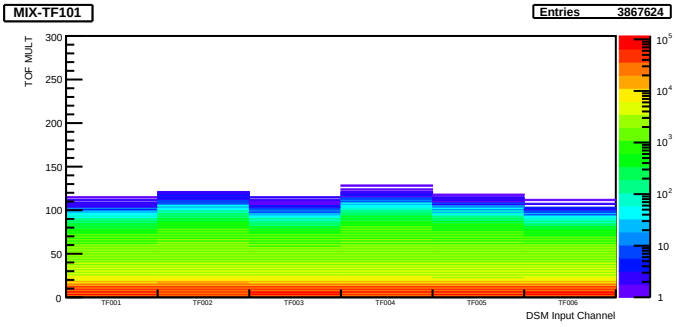

MIX-TF002
Entries 1.353668e+07
TOF MULT
TOF tray

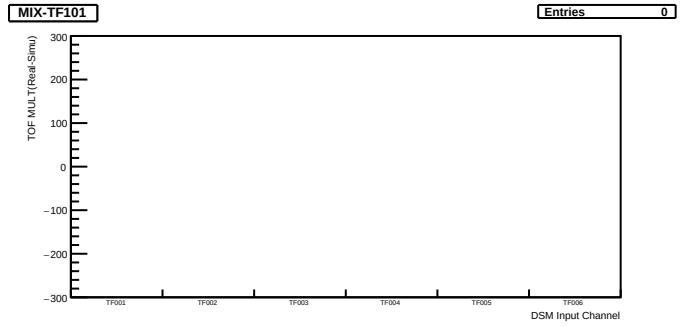

MIX-TF003
Entries 1.353668e+07
TOF MULT
TOF tray

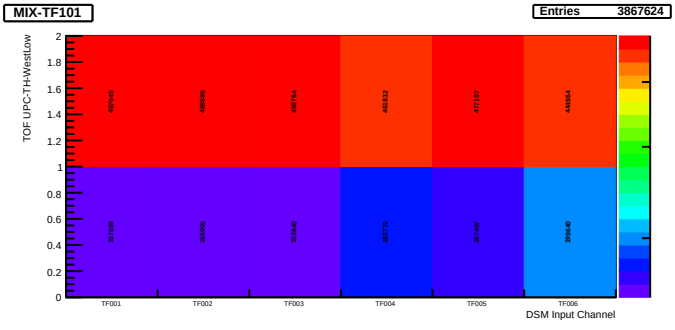

MIX-TF004
Entries 1.353668e+07
TOF MULT
TOF tray

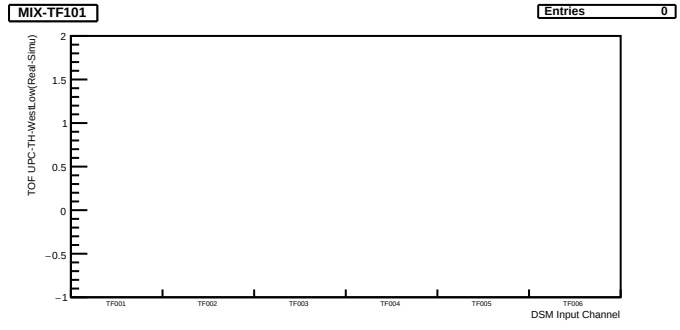

MIX-TF005
Entries 1.353668e+07
TOF MULT
TOF tray

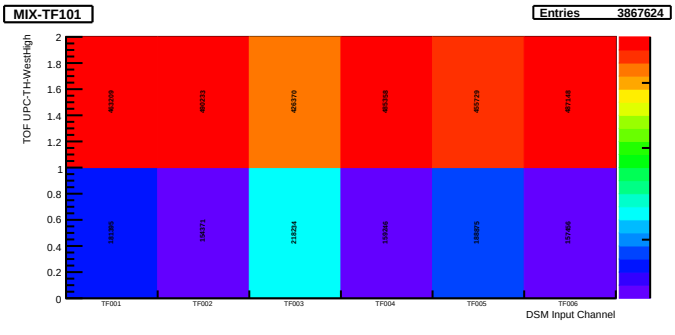

MIX-TF006
Entries 1.353668e+07
TOF MULT
TOF tray

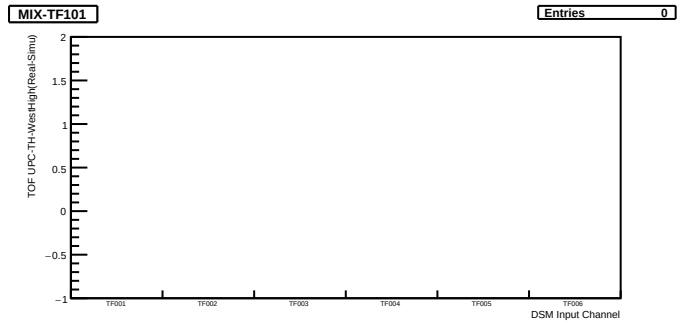

MIX-TF101
Entries 3867624
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

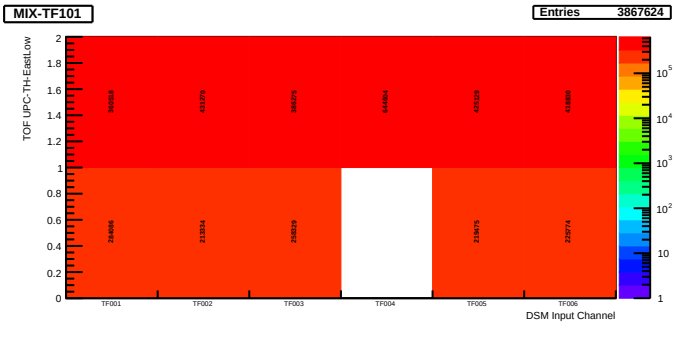

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

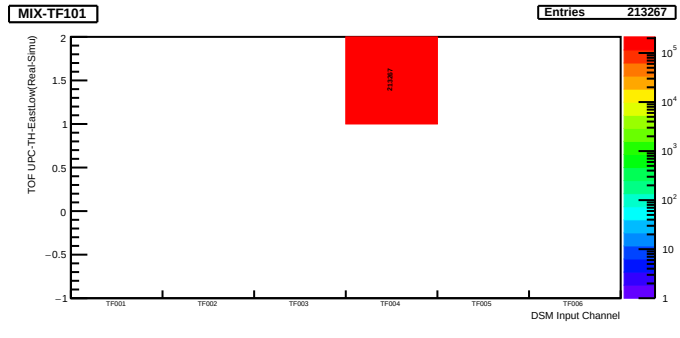

MIX-TF101
Entries 3867624
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

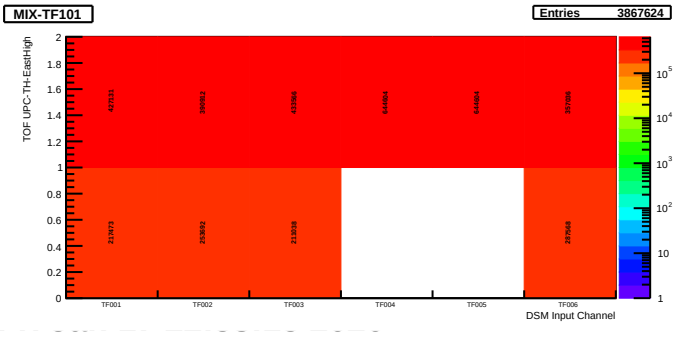

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

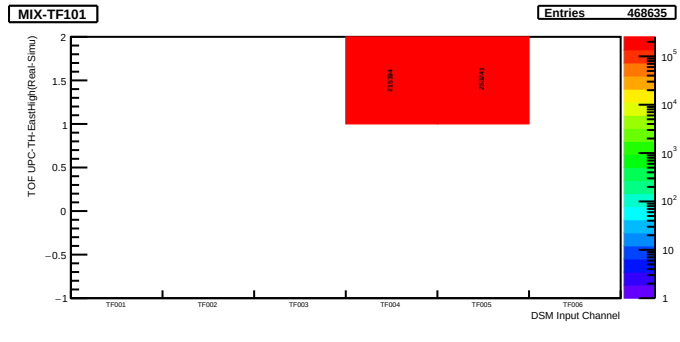

MIX-TF101
Entries 3867624
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

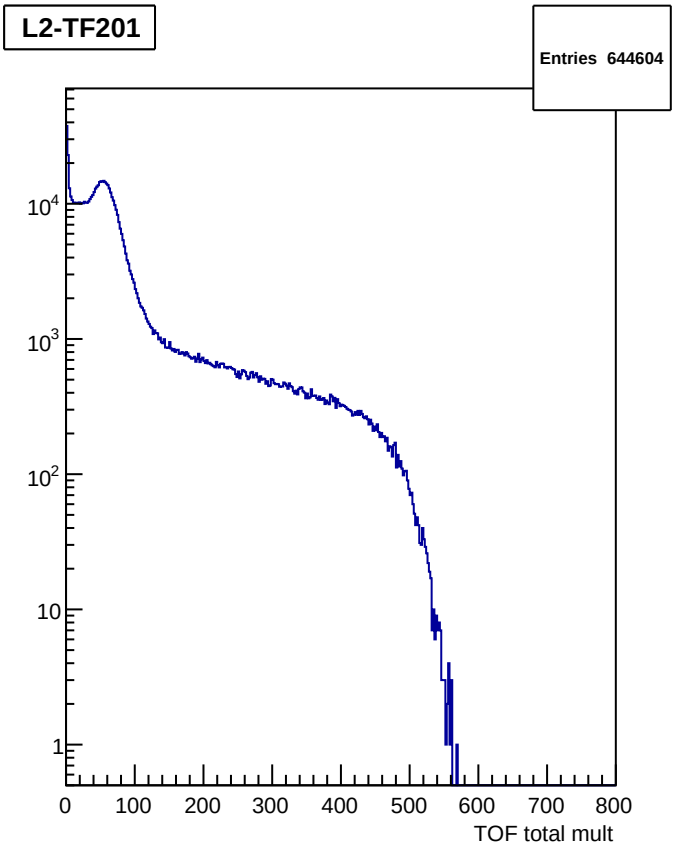

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

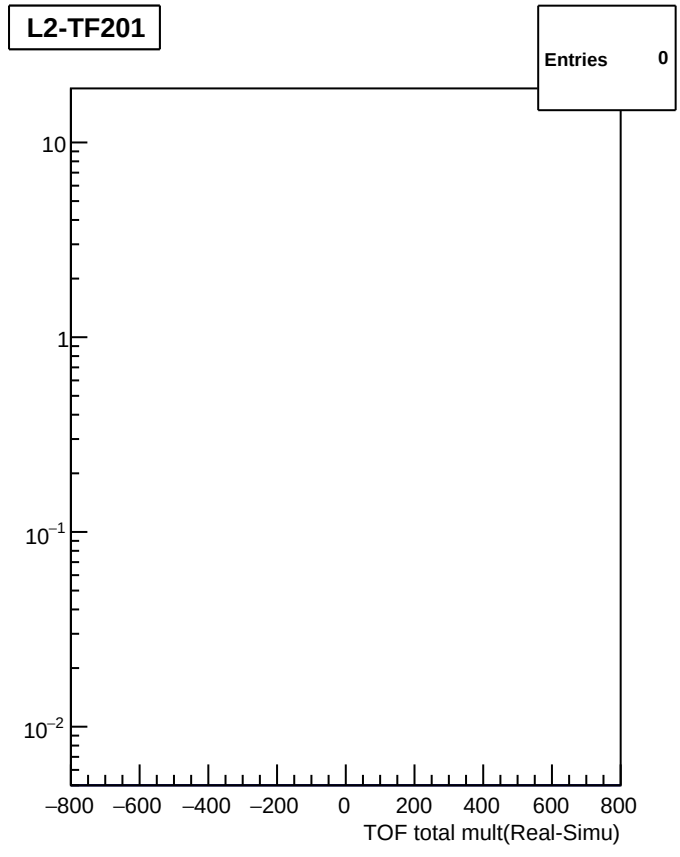

MIX-TF101
Entries 3867624
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

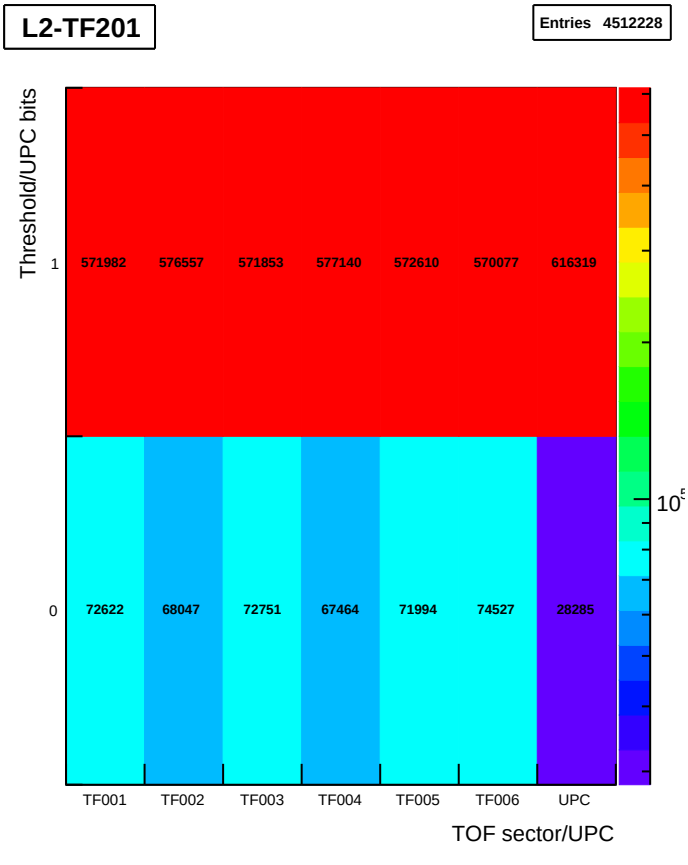

MIX-TF101
Entries 213267
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

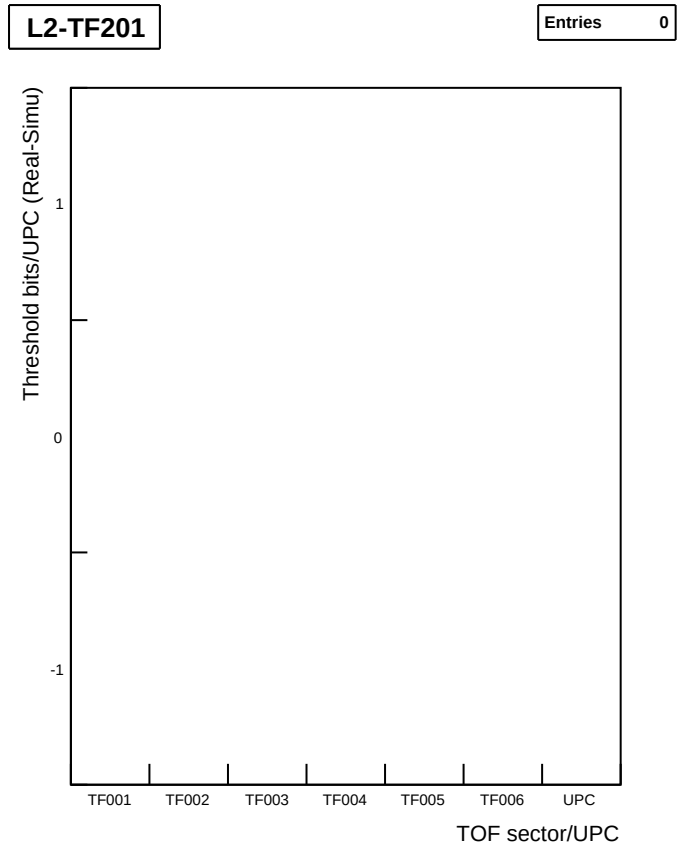

MIX-TF101
Entries 3867624
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

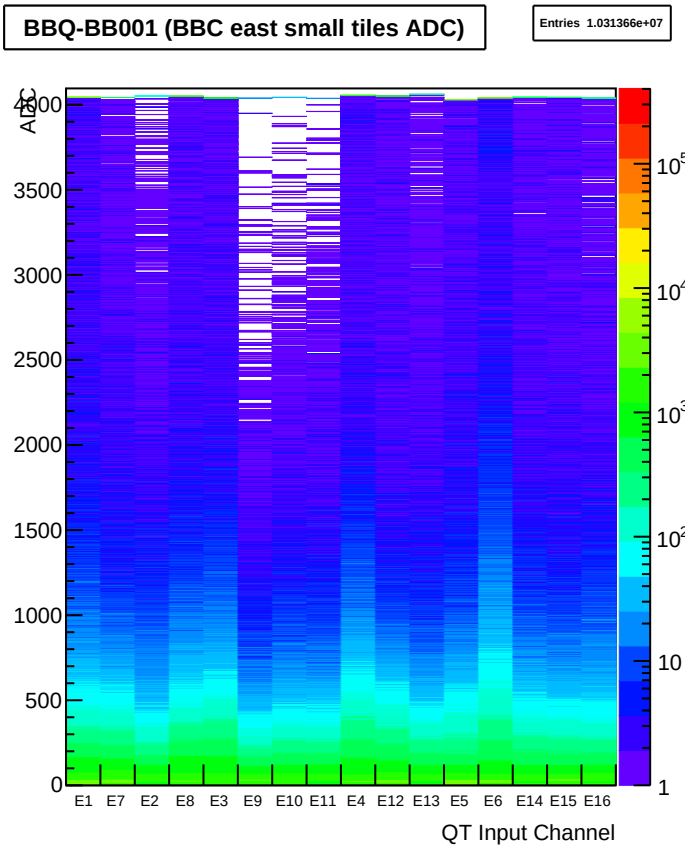

MIX-TF101
Entries 468635
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

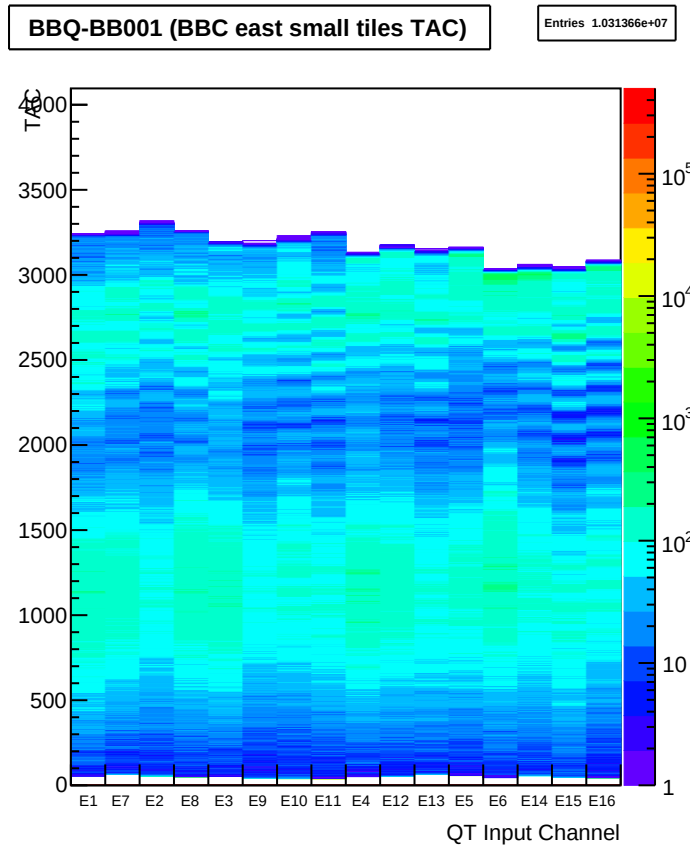

L2-TF201
Entries 644604
TOF total mult

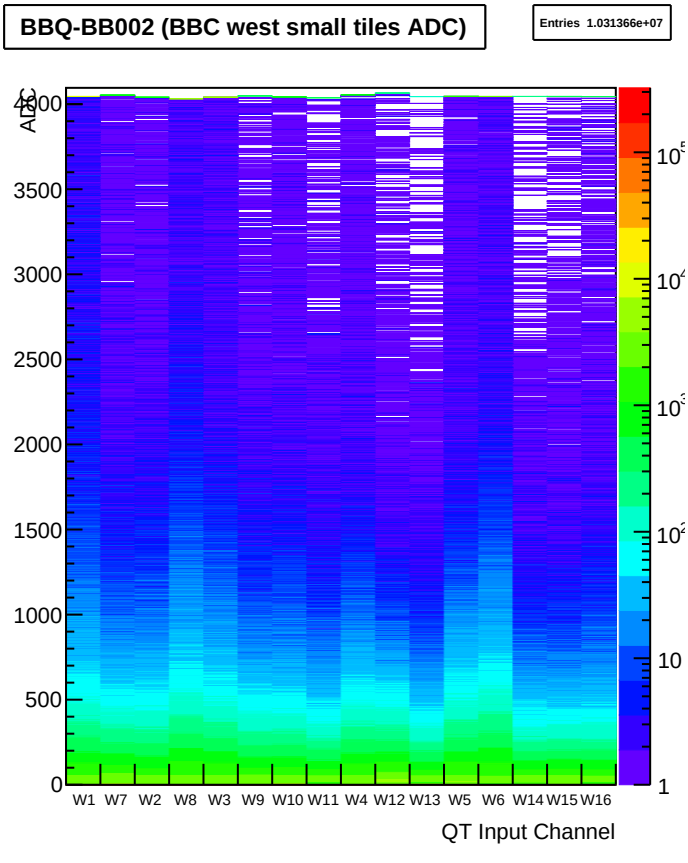

L2-TF201
Entries 0
TOF total mult(Real-Simu)

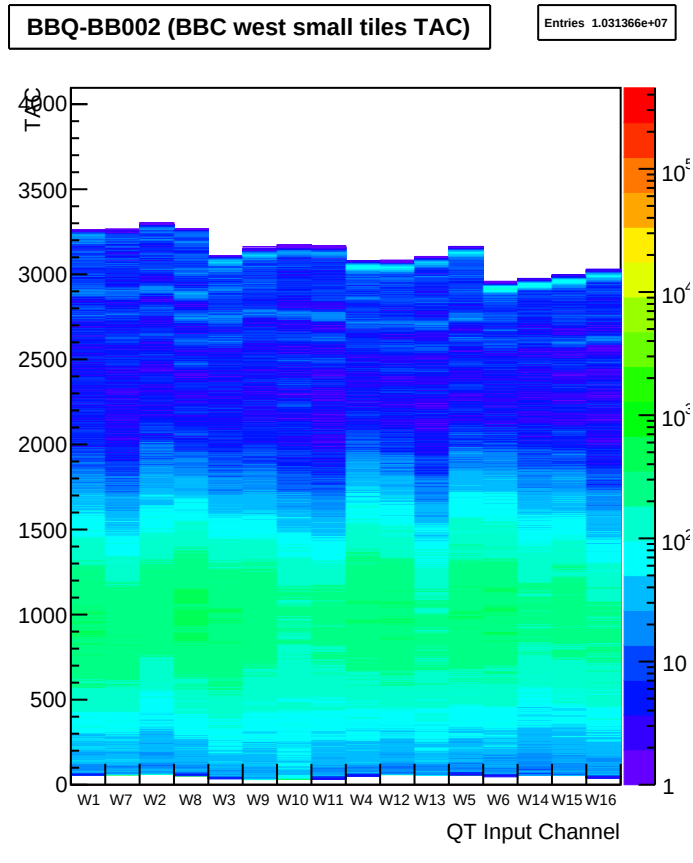

L2-TF201
Entries 4512228
Threshold/UPC bits
571982
576557
571853
577140
572610
570077
616319
72622
68047
72751
67464
71994
74527
28285
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

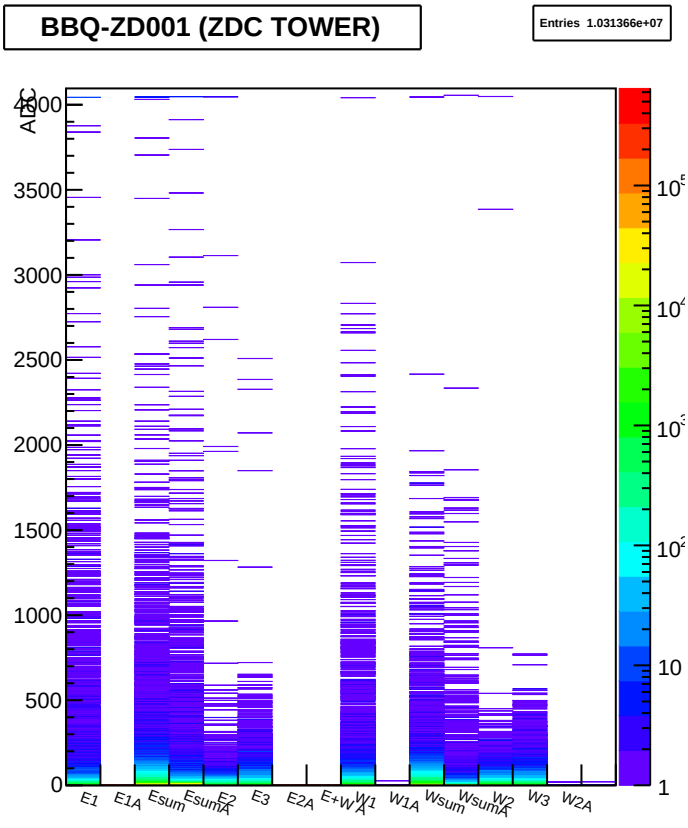

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

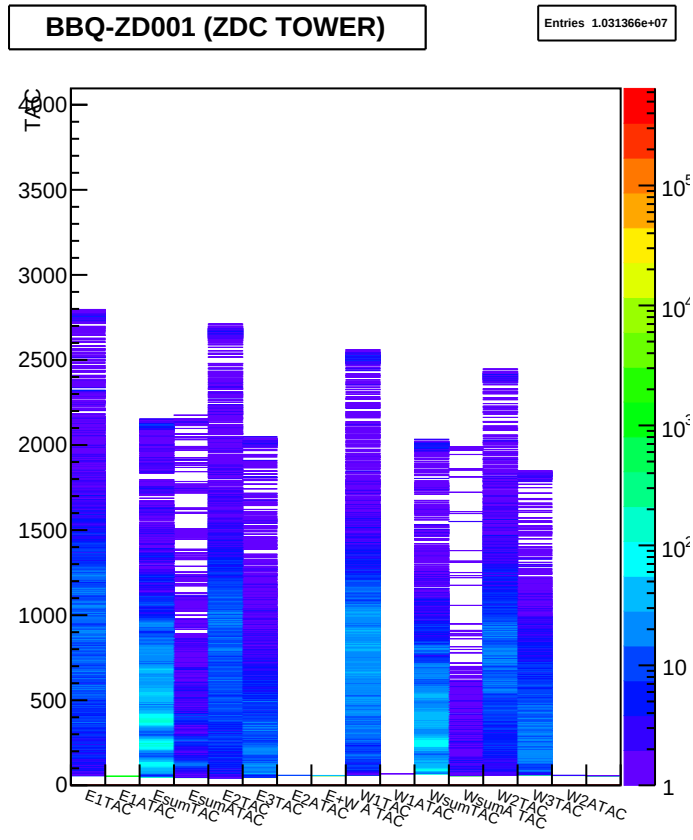

BBQ-BB001 (BBC east small tiles ADC)
Entries 1.031366e+07
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

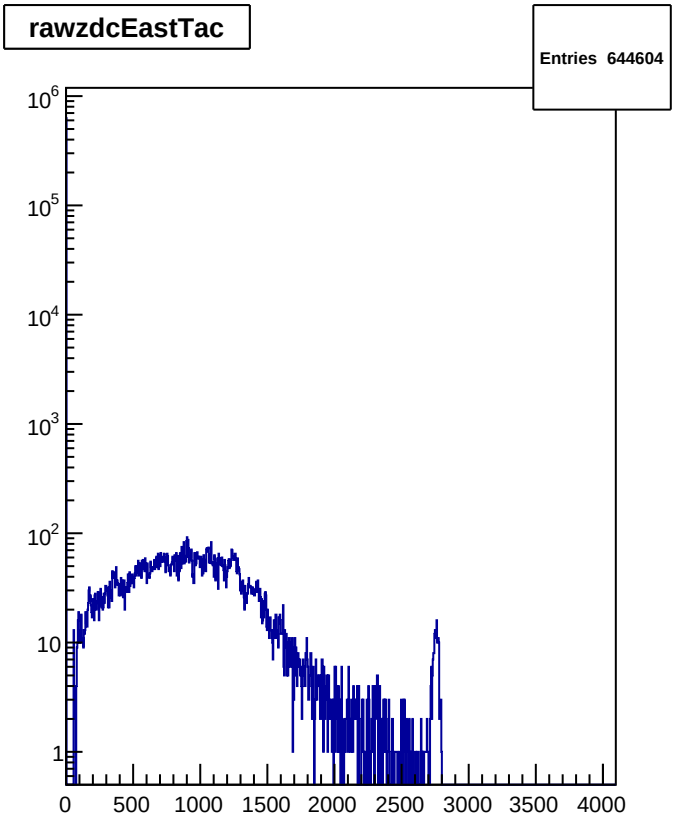

BBQ-BB001 (BBC east small tiles TAC)
Entries 1.031366e+07
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

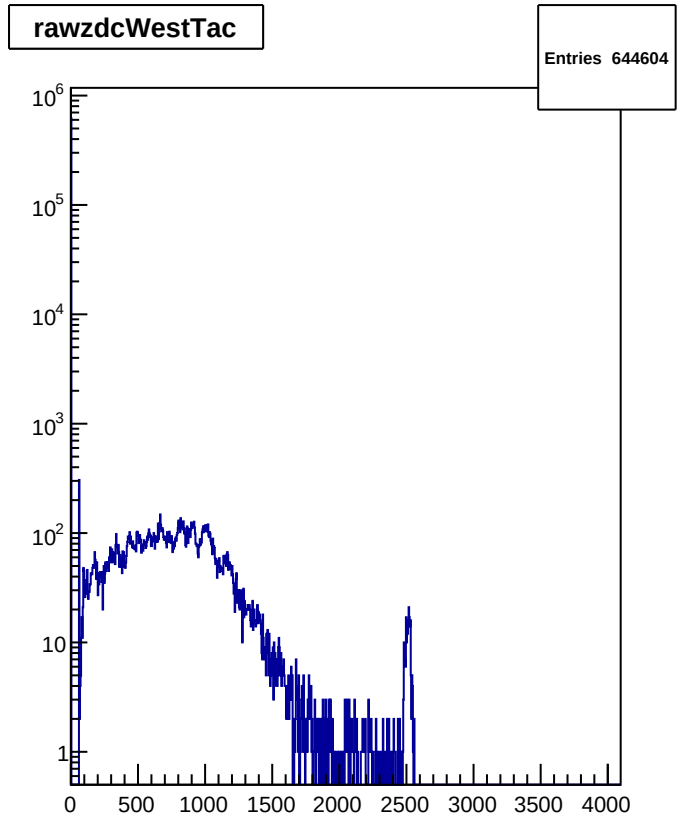

BBQ-BB002 (BBC west small tiles ADC)
Entries 1.031366e+07
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

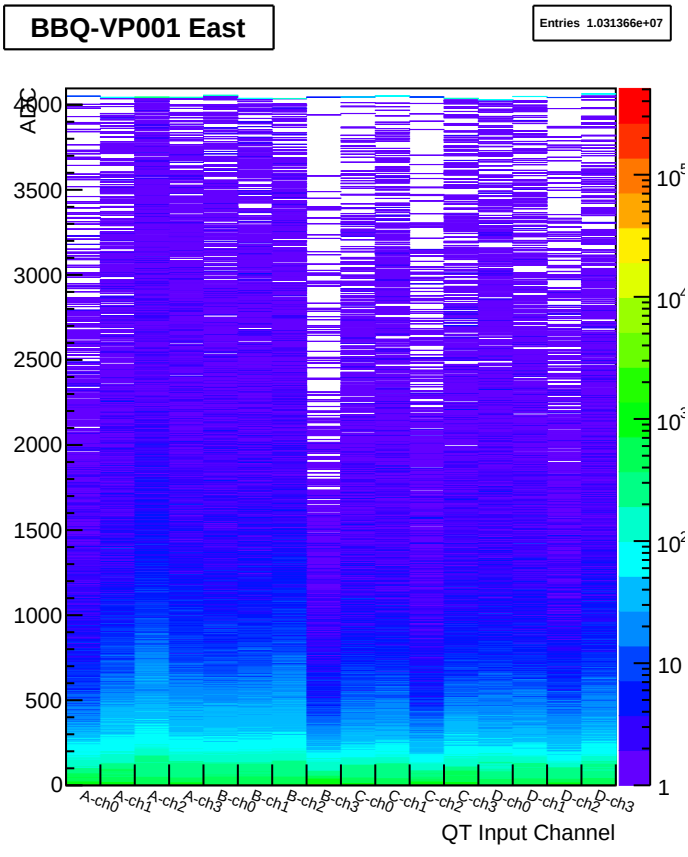

BBQ-BB002 (BBC west small tiles TAC)
Entries 1.031366e+07
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

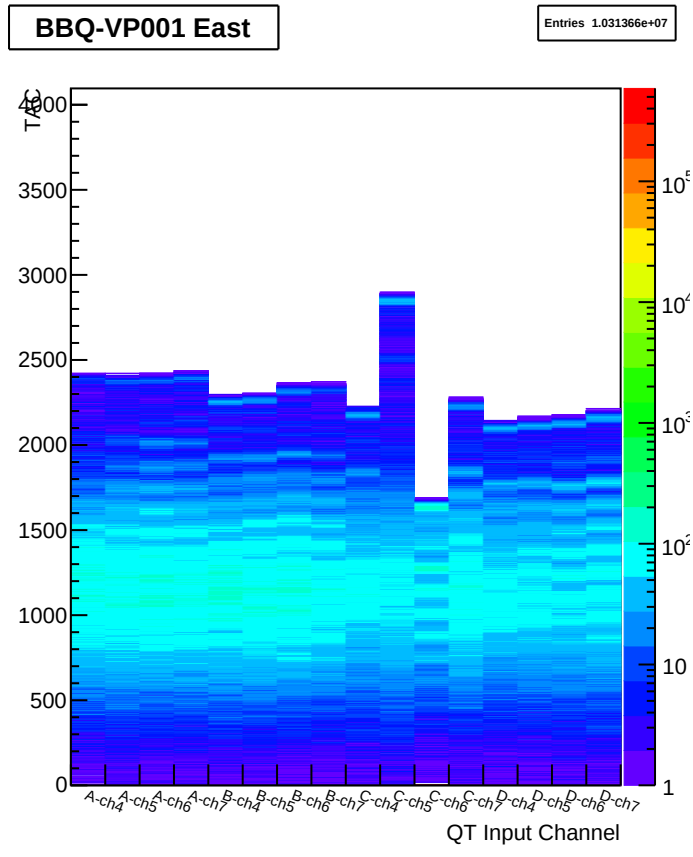

BBQ-ZD001 (ZDC TOWER)
Entries 1.031366e+07
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1A
Wsum
WsumA
W2
W3
W2A

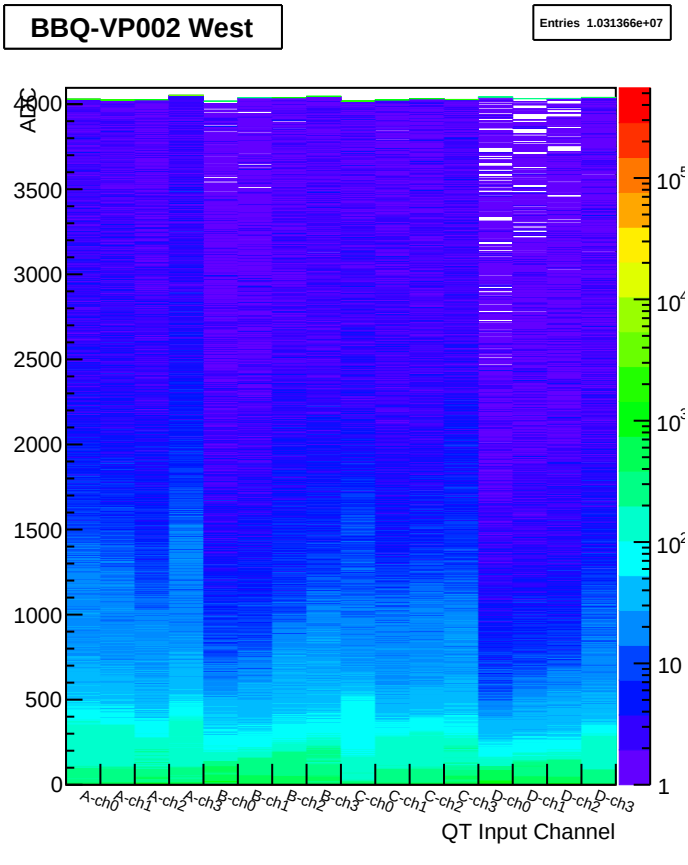

BBQ-ZD001 (ZDC TOWER)
Entries 1.031366e+07
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W A TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

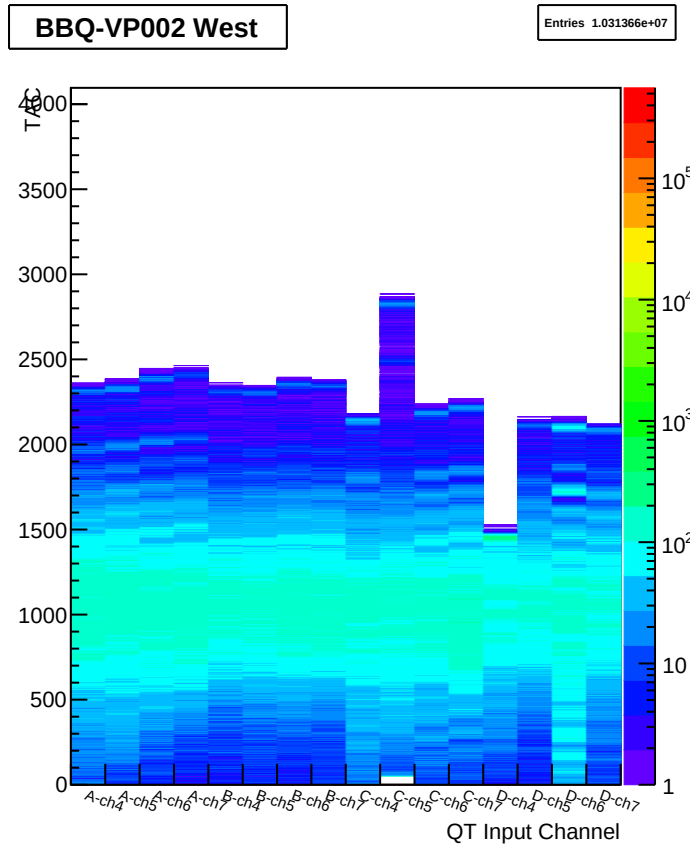

rawzdcEastTac
Entries 644604

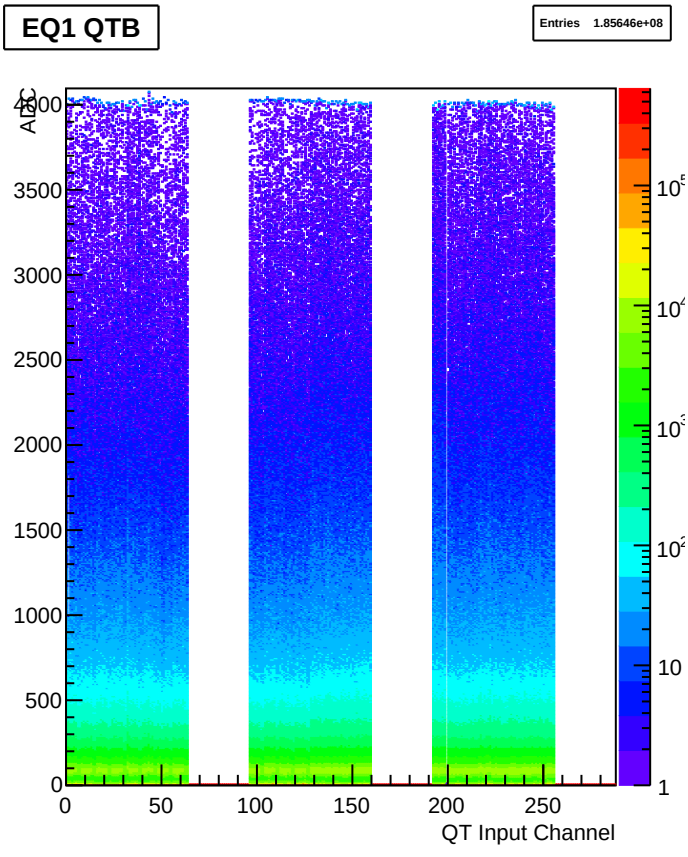

rawzdcWestTac
Entries 644604

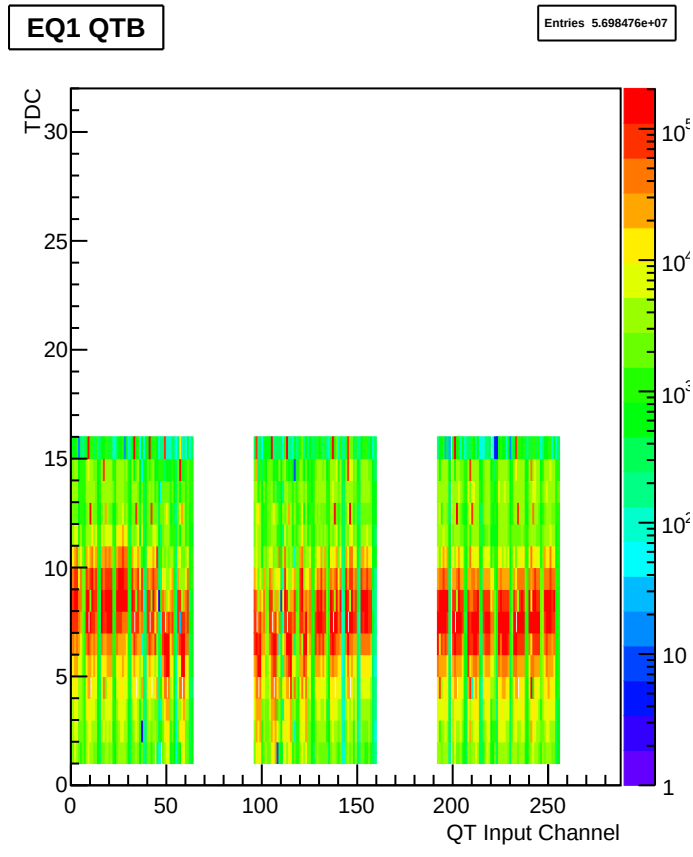

BBQ-VP001 East
Entries 1.031366e+07
ADC
QT Input Channel

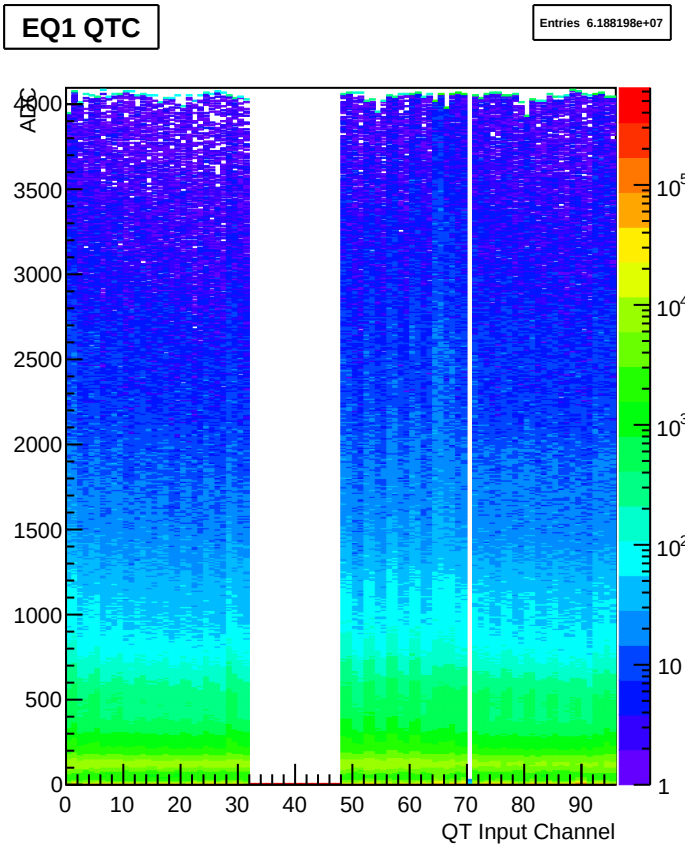

BBQ-VP001 East
Entries 1.031366e+07
TADC
QT Input Channel

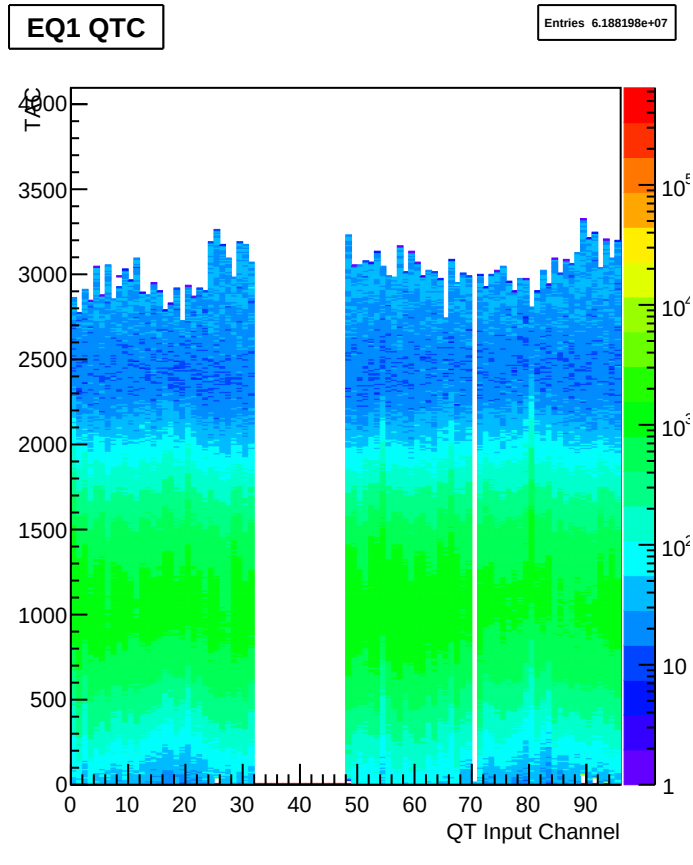

BBQ-VP002 West
Entries 1.031366e+07
ADC
QT Input Channel

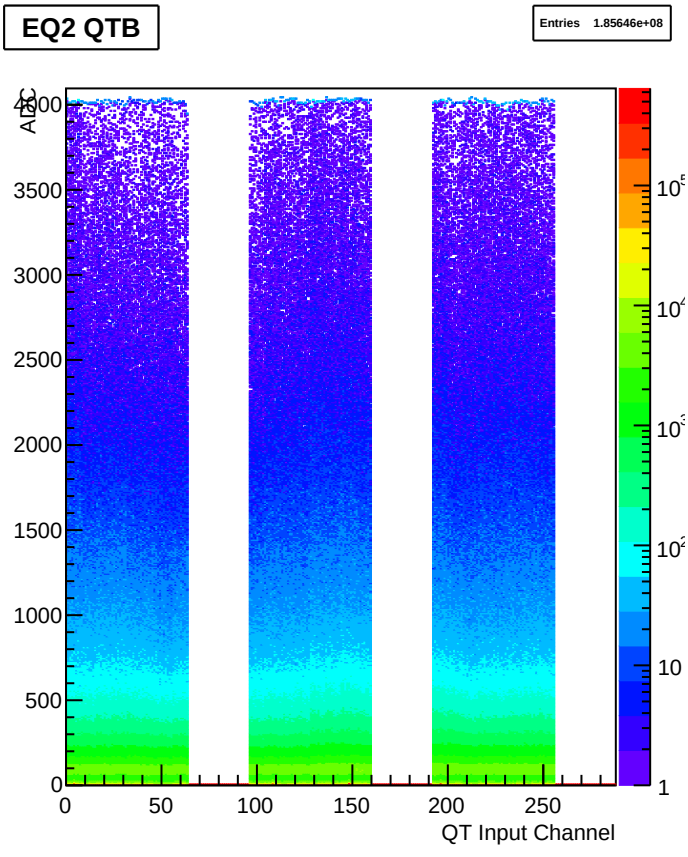

BBQ-VP002 West
Entries 1.031366e+07
TADC
QT Input Channel

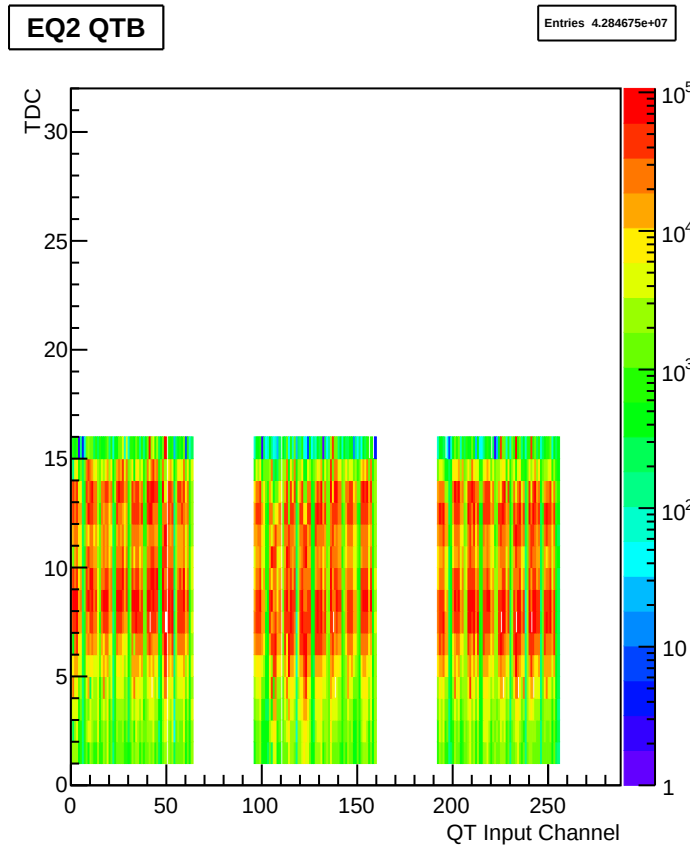

EQ1 QTB
Entries 1.85646e+08
ADC
QT Input Channel

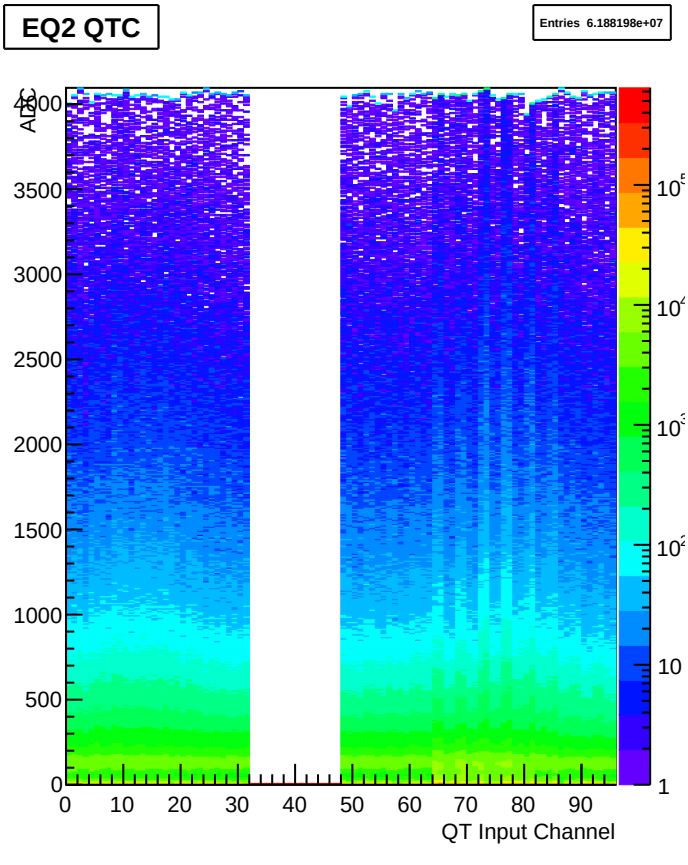

EQ1 QTB
Entries 5.698476e+07
TDC
QT Input Channel

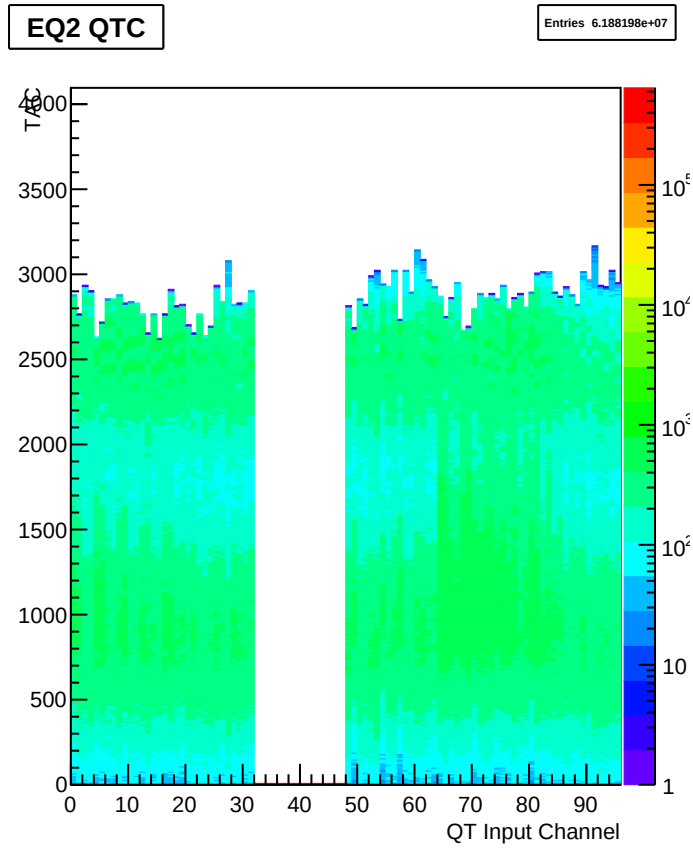

EQ1 QTC
Entries 6.188198e+07
ADC
QT Input Channel

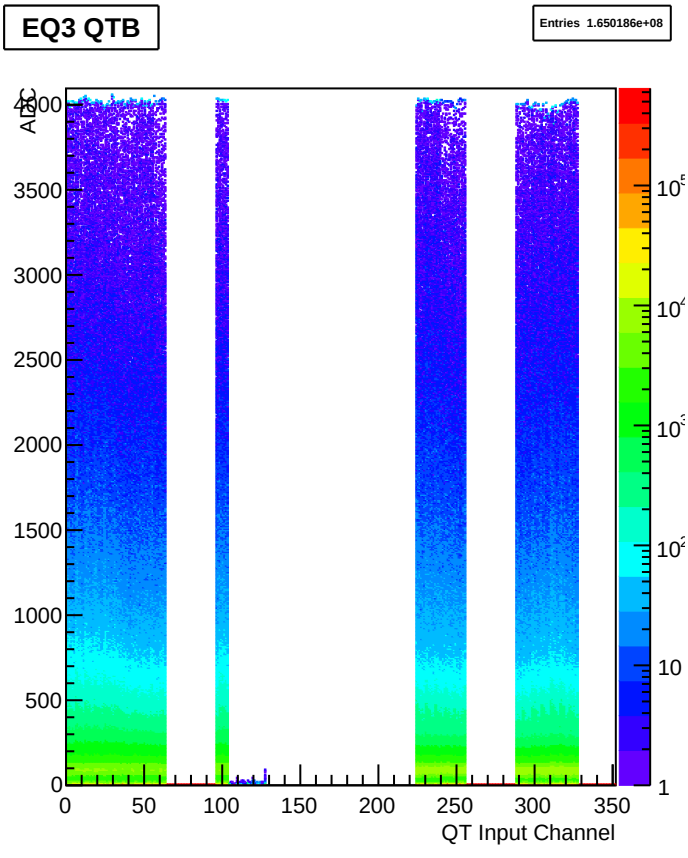

EQ1 QTC
Entries 6.188198e+07
TADC
QT Input Channel

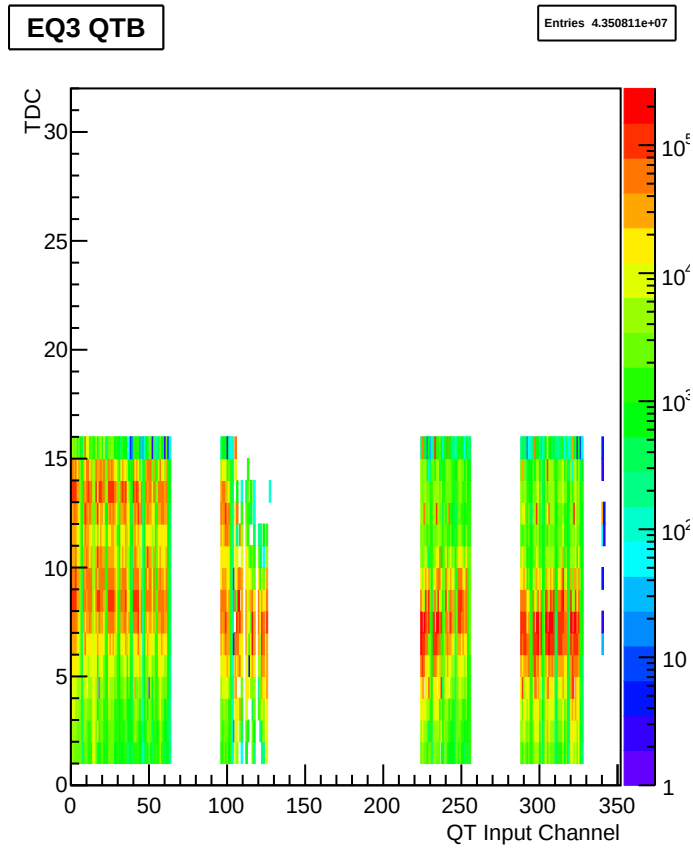

EQ2 QTB
Entries 1.85646e+08
ADC
QT Input Channel

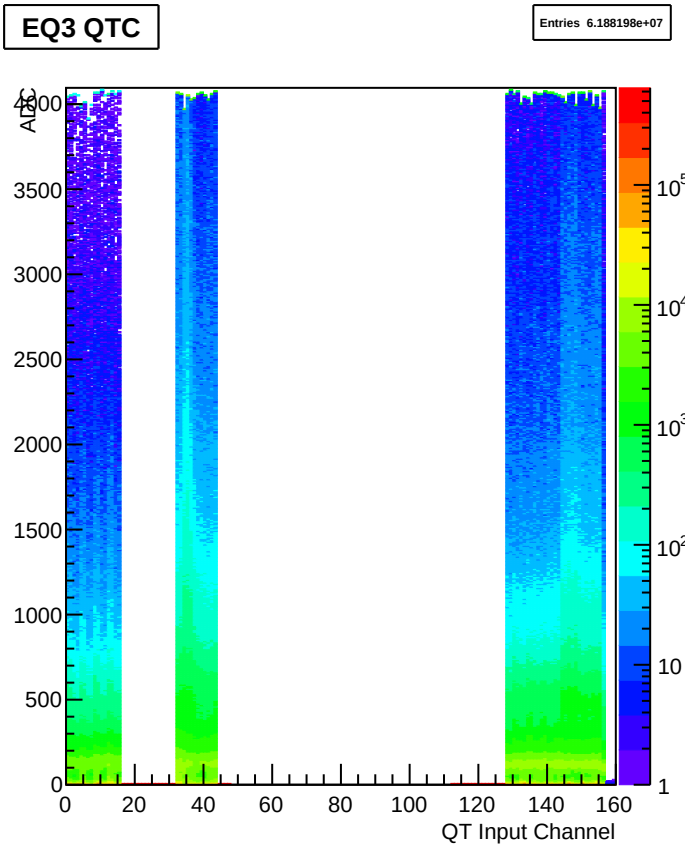

EQ2 QTB
Entries 4.284675e+07
TDC
QT Input Channel

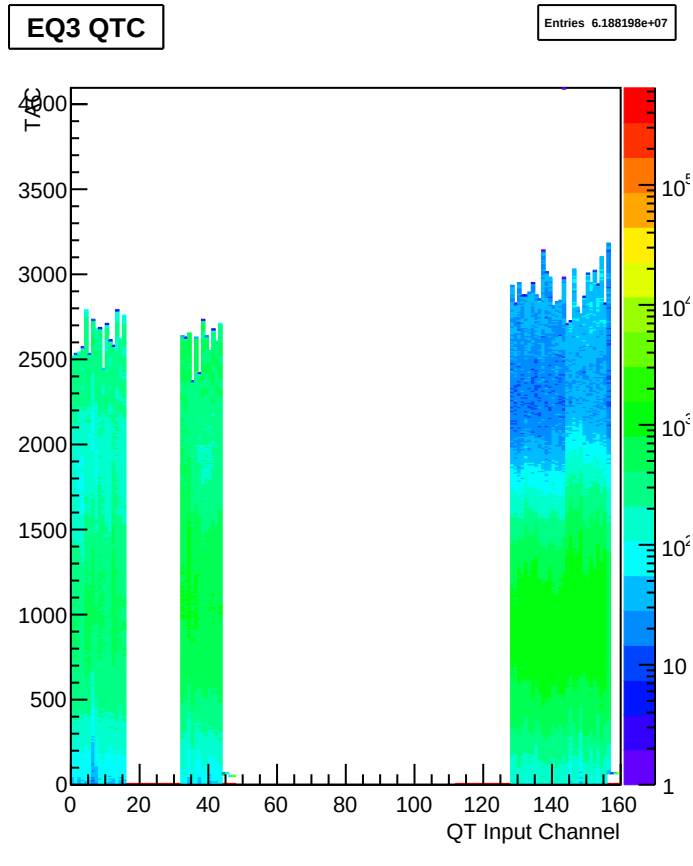

EQ2 QTC
Entries 6.188198e+07
ADC
QT Input Channel

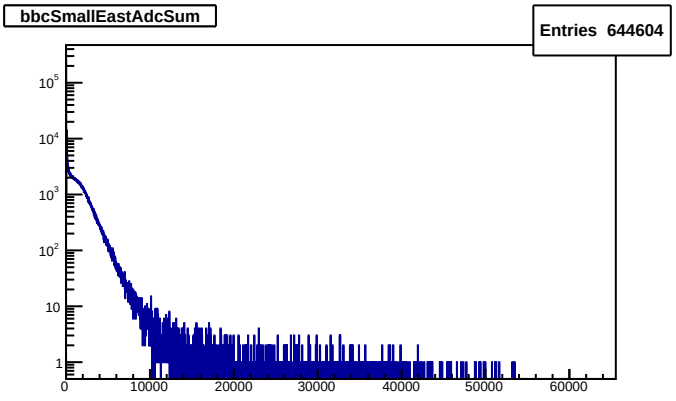

EQ2 QTC
Entries 6.188198e+07
TADC
QT Input Channel

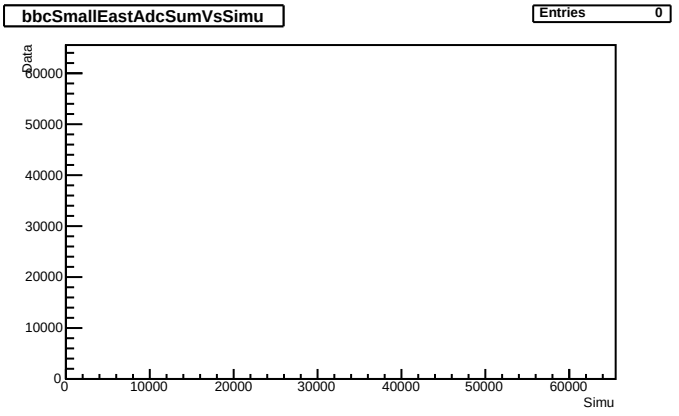

EQ3 QTB
Entries 1.650186e+08
ADC
QT Input Channel

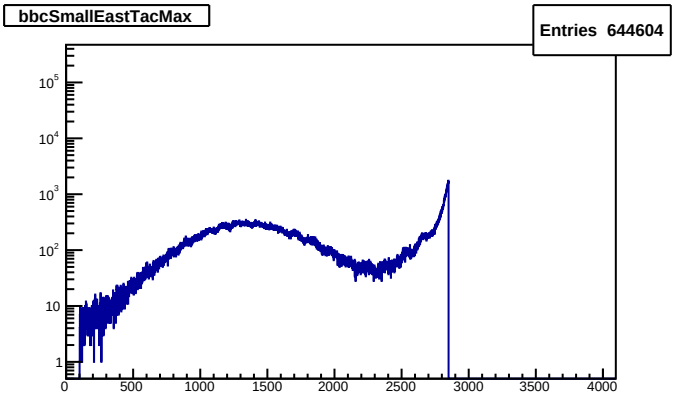

EQ3 QTB
Entries 4.350811e+07
TDC
QT Input Channel

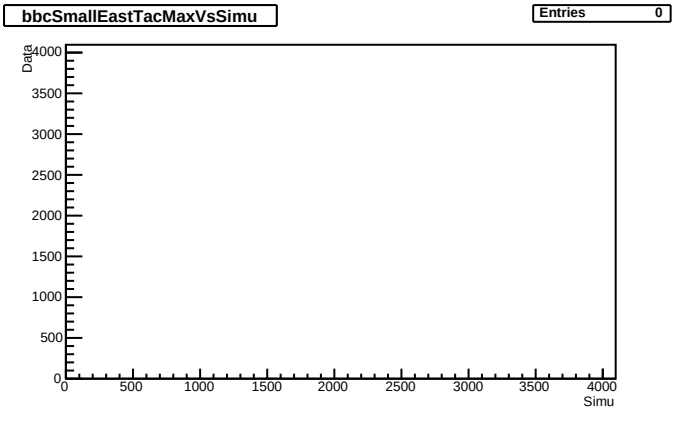

EQ3 QTC
Entries 6.188198e+07
ADC
QT Input Channel


EQ3 QTC
Entries 6.188198e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 644604


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 644604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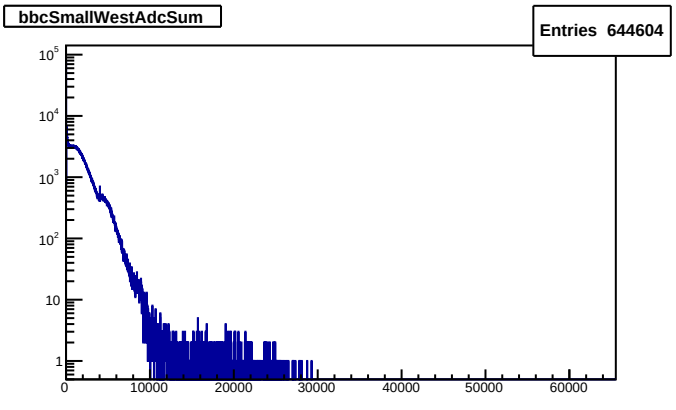
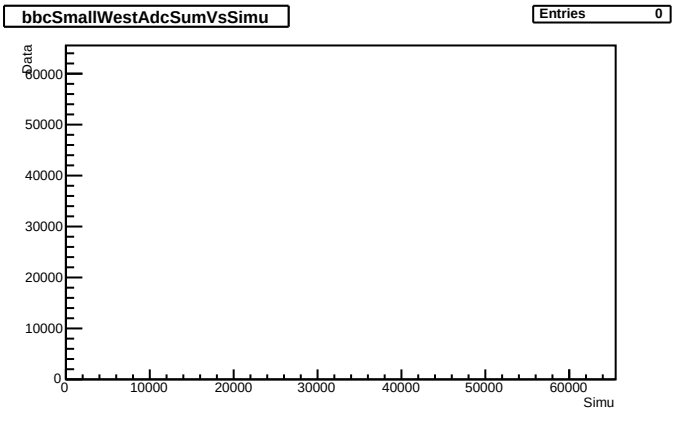

bbcSmallWestAdcSum
Entries 644604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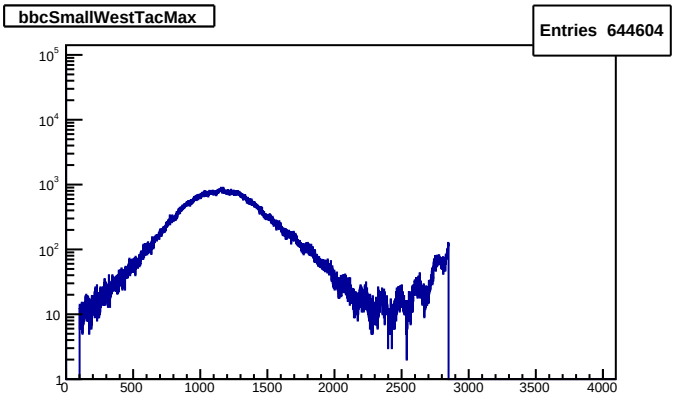
Simu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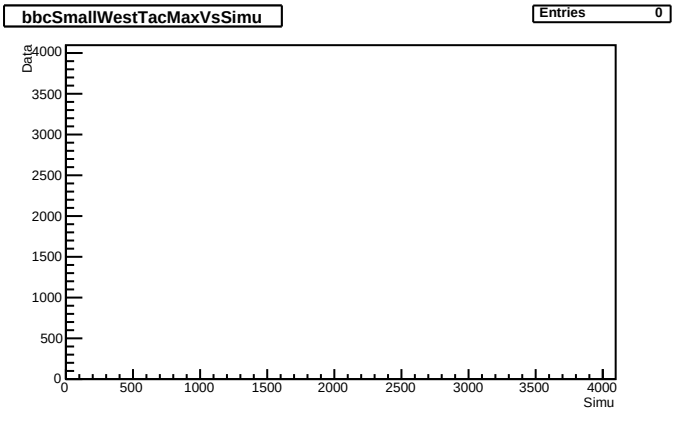
bbcSmallWestTacMaxVsSimu
Entries 0
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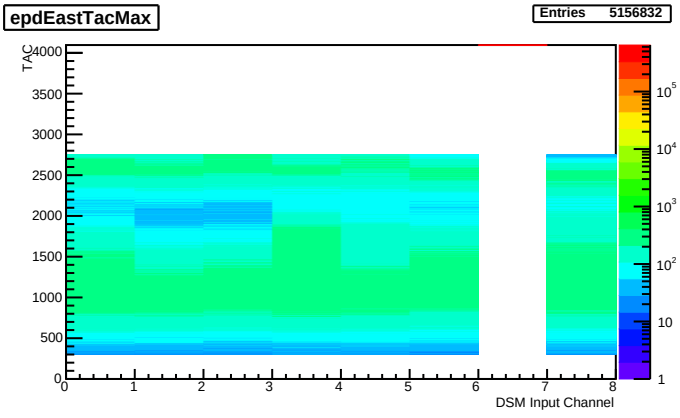
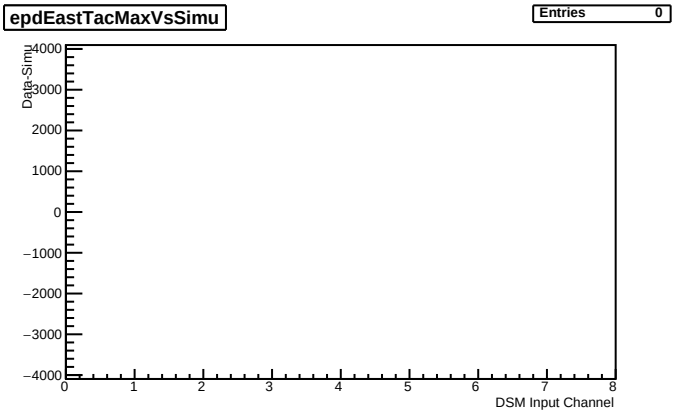
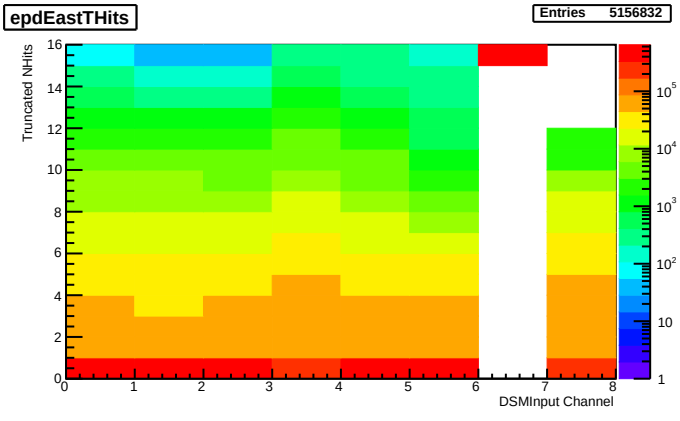
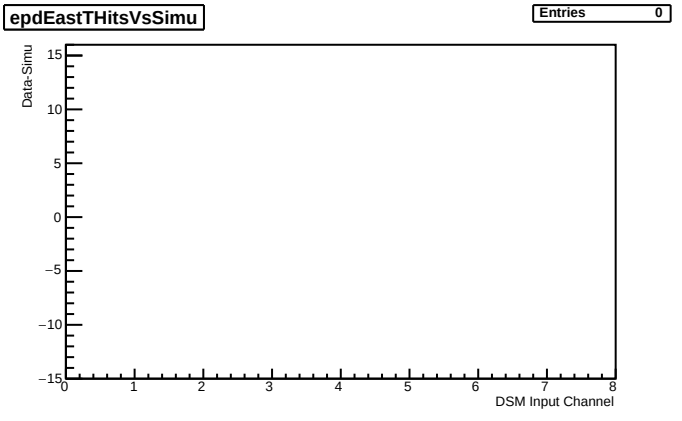
Simu


epdEastTacMax
Entries 5156832
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 5156832
Truncated NHits
DSMInput Channel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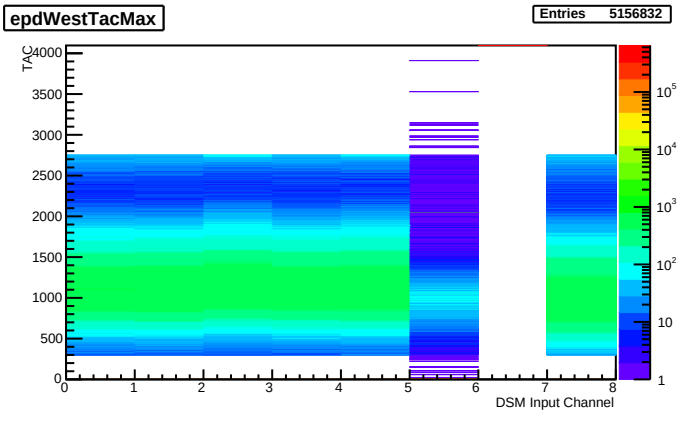
DSM Input Channel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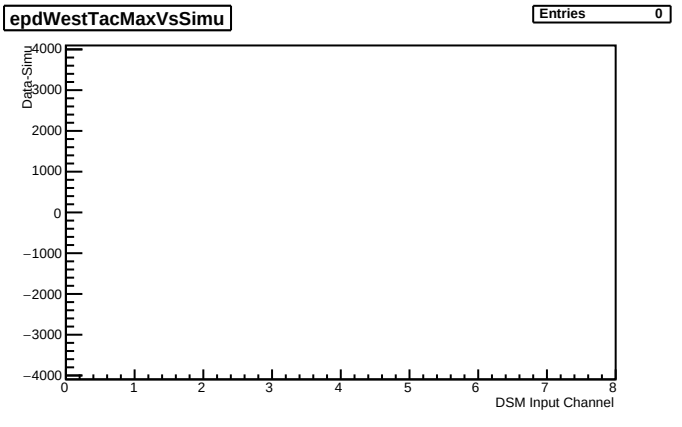
Entries 5156832
TAC
DSM Input Channel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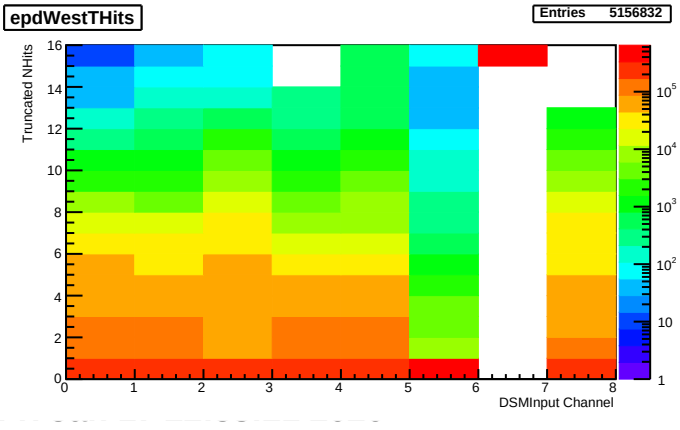
Entries 0
Data-Simu
DSM Input Channel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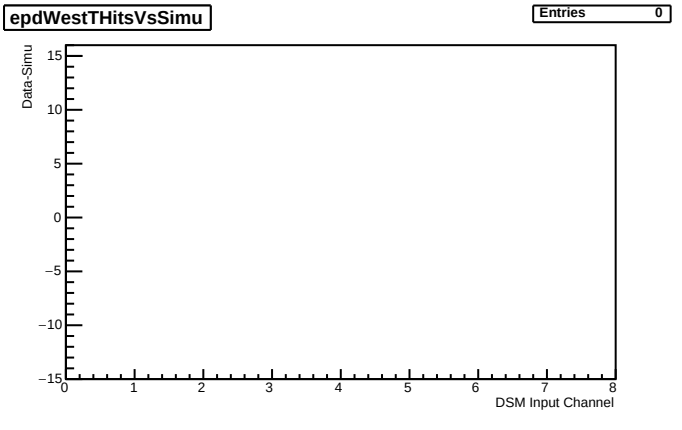
Entries 5156832
Truncated NHits
DSMInput Channel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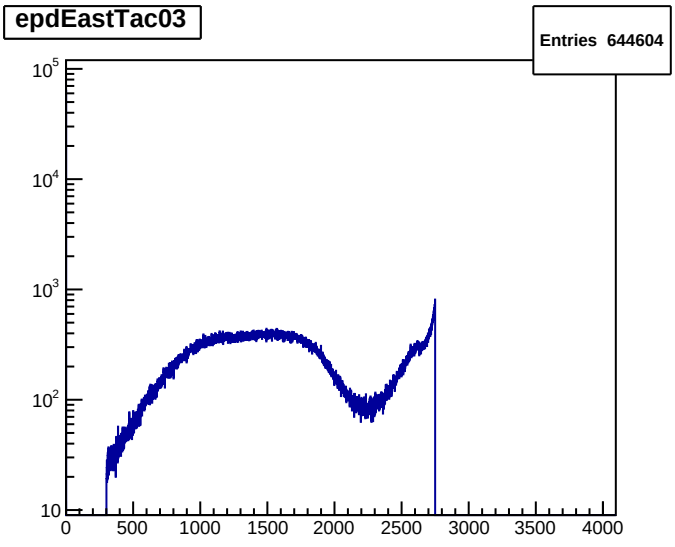
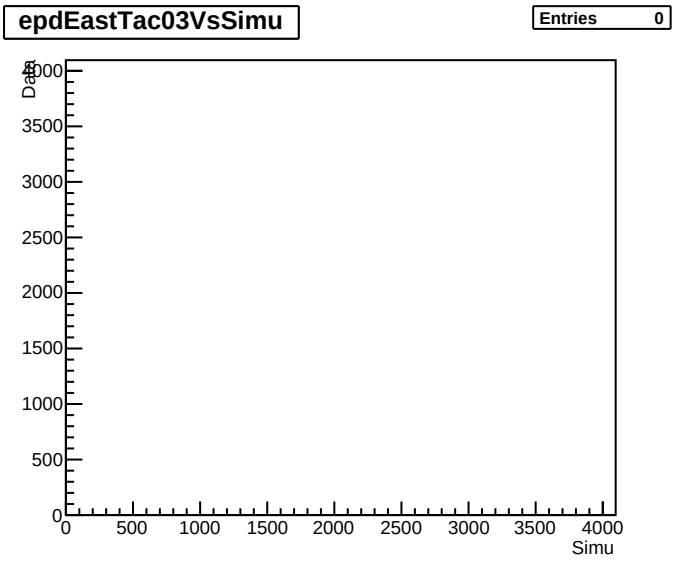
Data-Simu
DSM Input Channel


epdEastTac03
Entries 644604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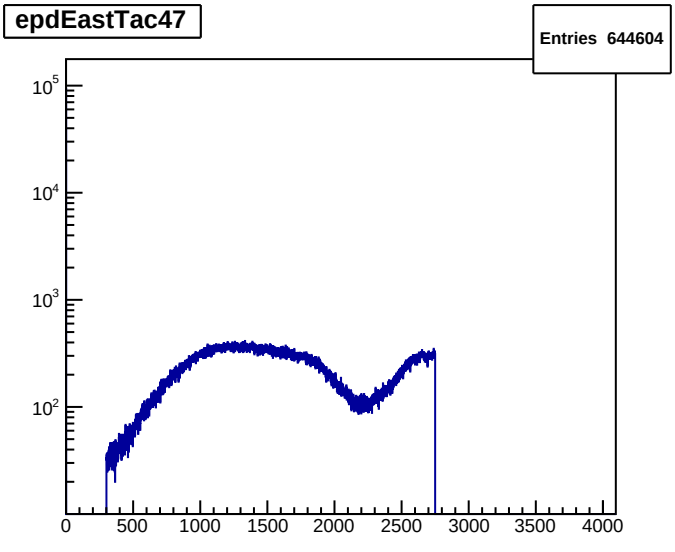
Entries 0
Data
Simu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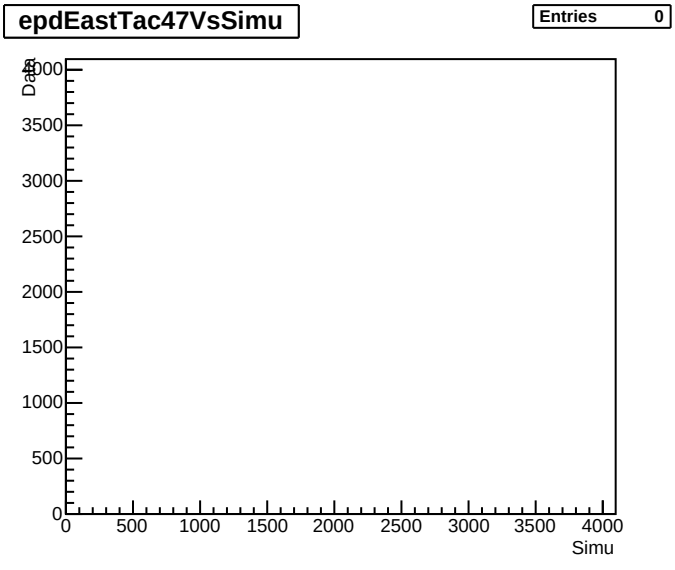
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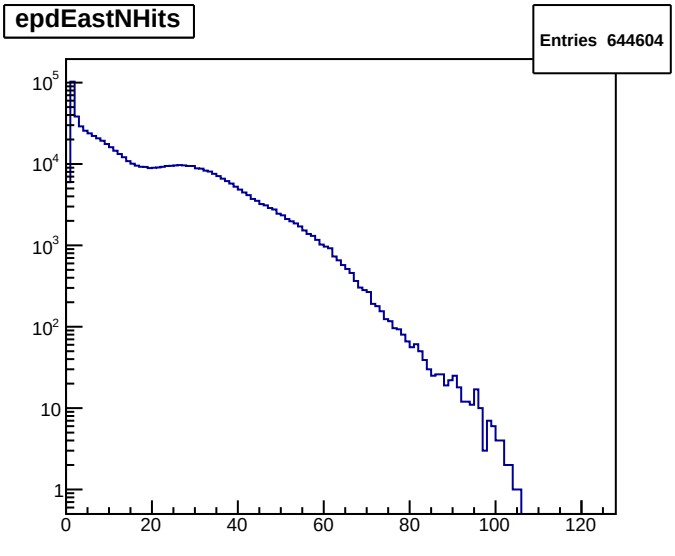
Entries 0
Data
Simu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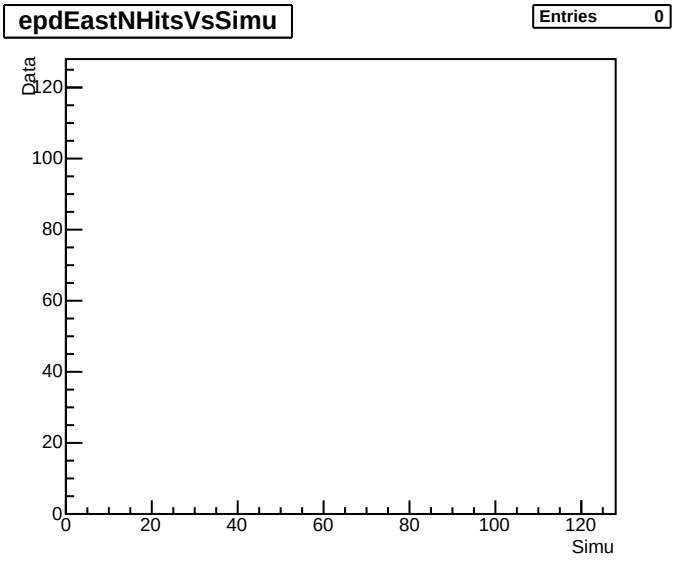
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Entries 0
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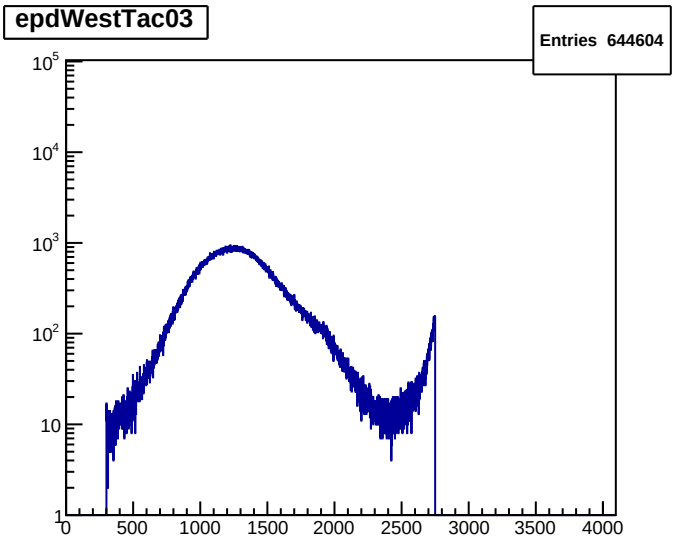
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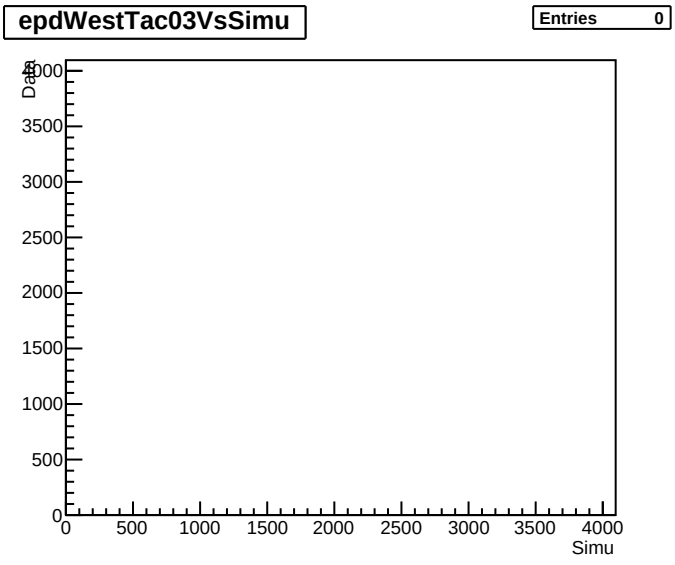
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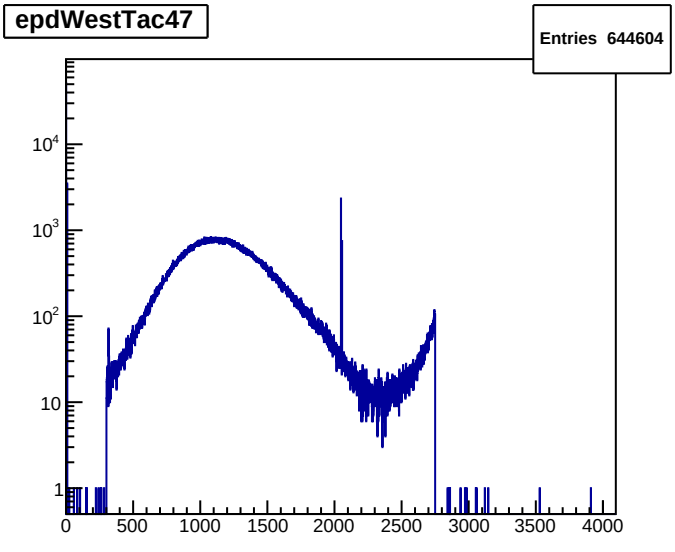
Data
Simu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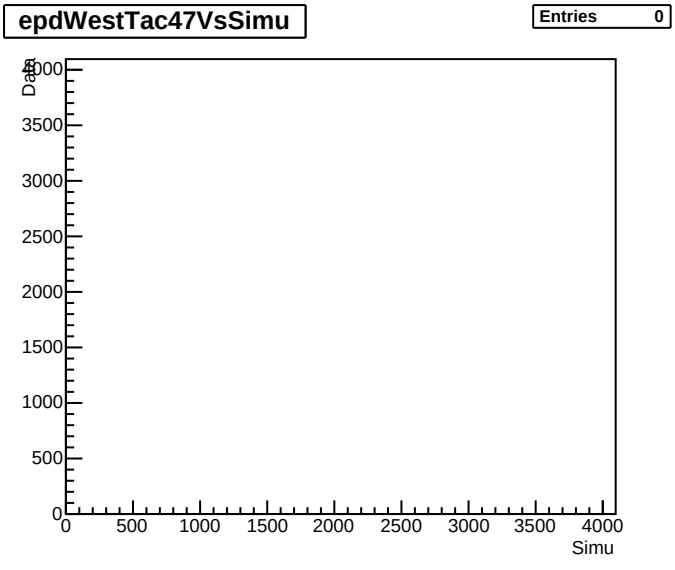
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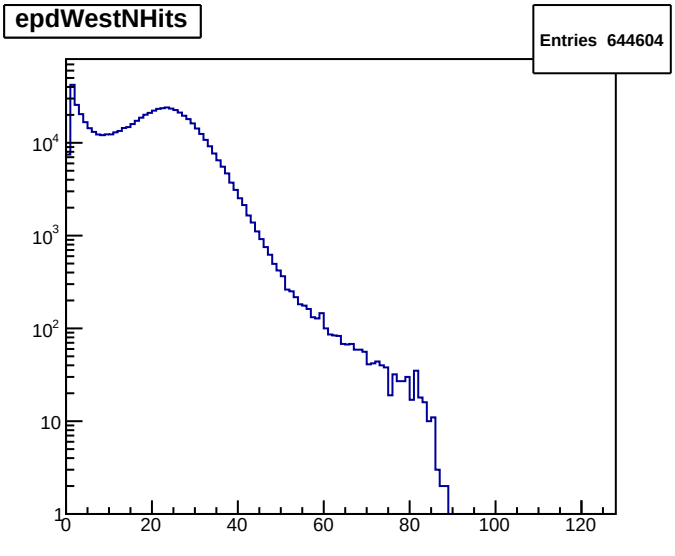
Simu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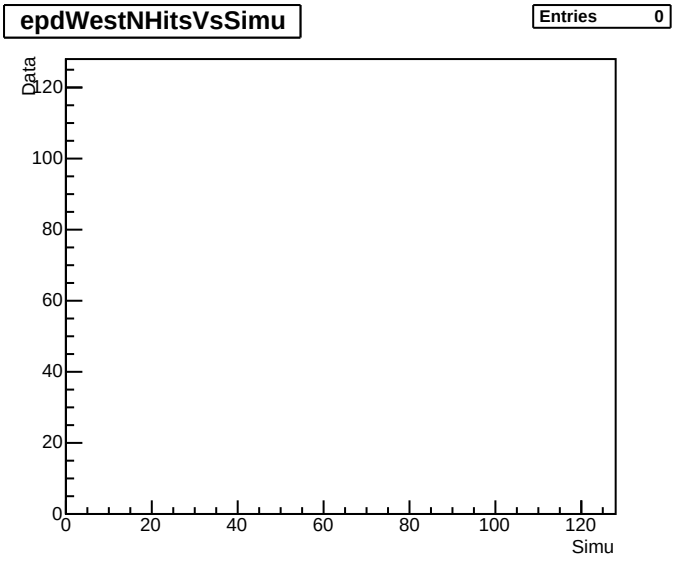
Entries 644604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Entries 0
Data
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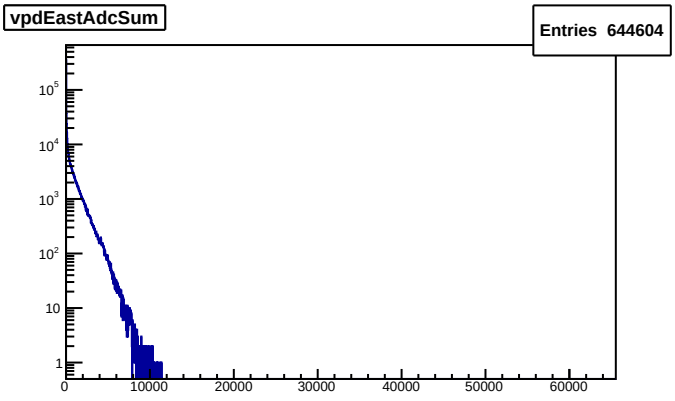
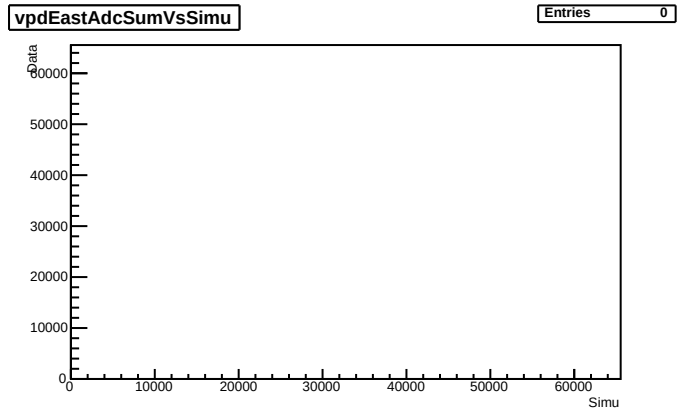

vpdEastAdcSum
Entries 644604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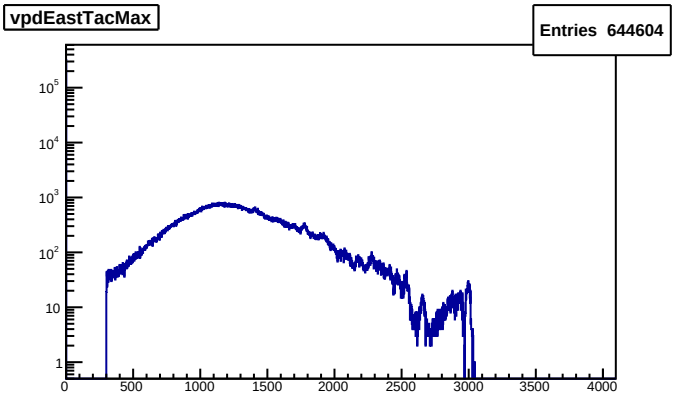
Entries 0
Data
Simu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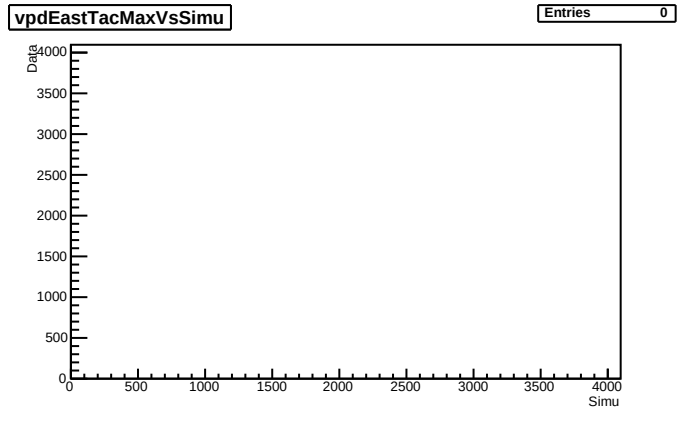
Entries 644604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Entries 0
Data
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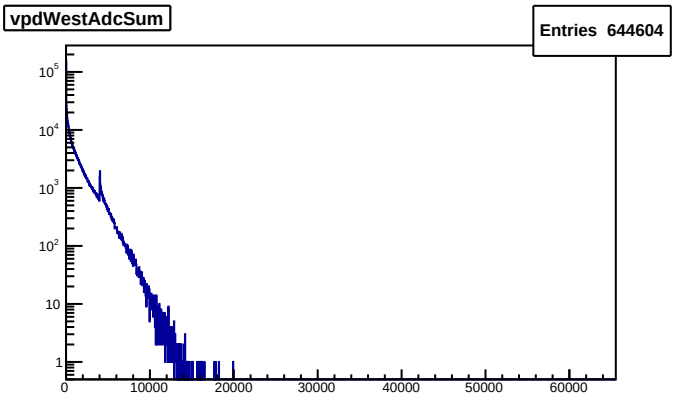
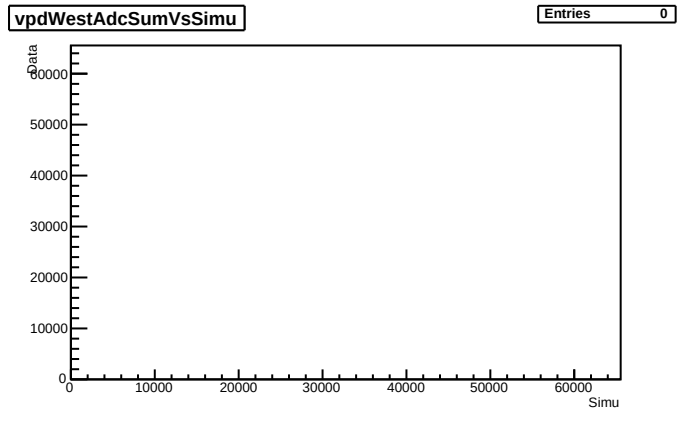

vpdWestAdcSum
Entries 644604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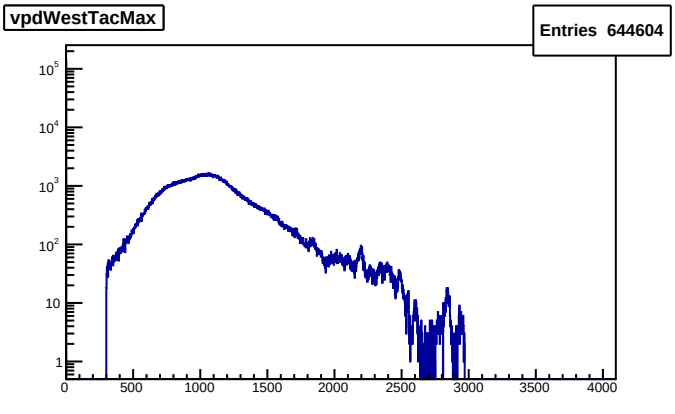
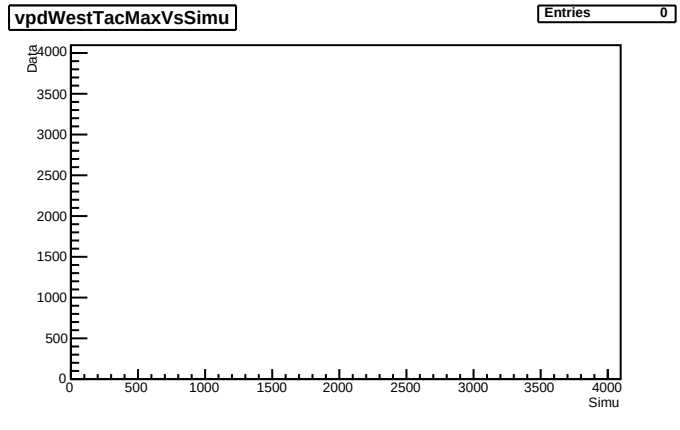
Entries 0
Data
Simu


vpdWestTacMax
Entries 644604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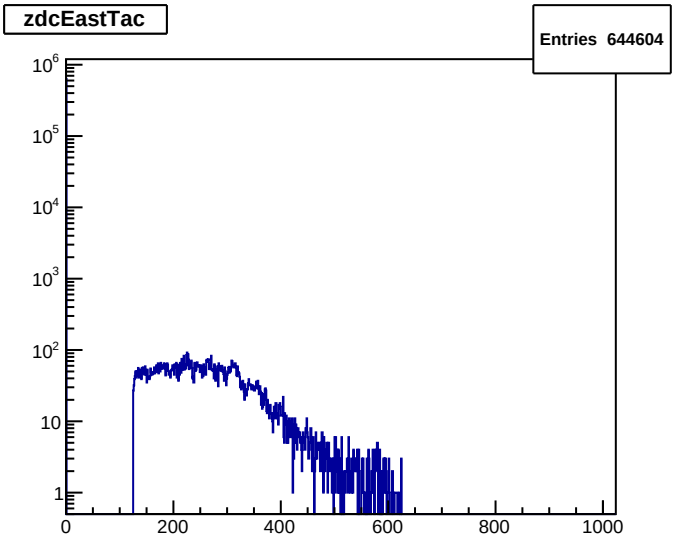
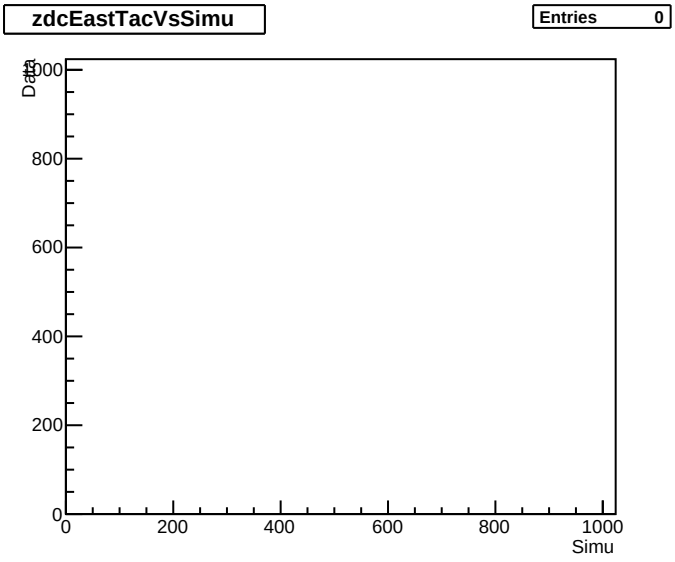
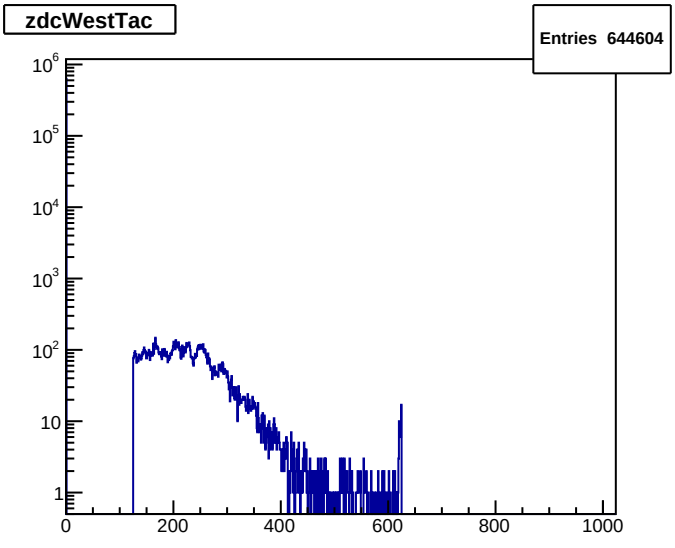
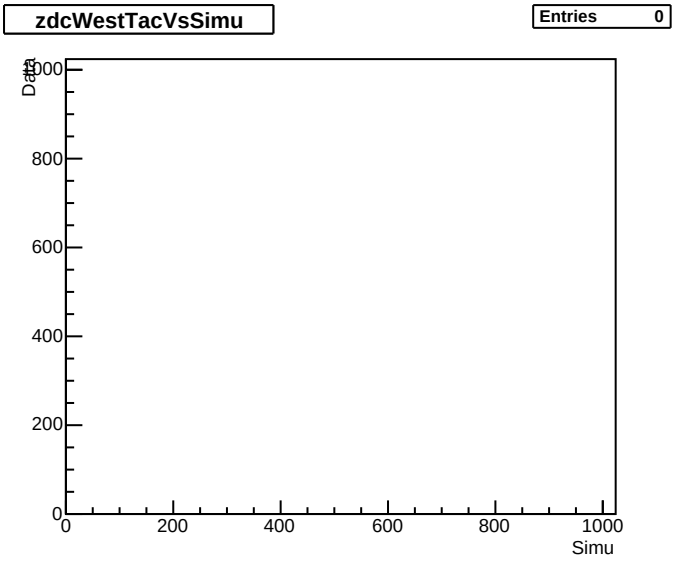
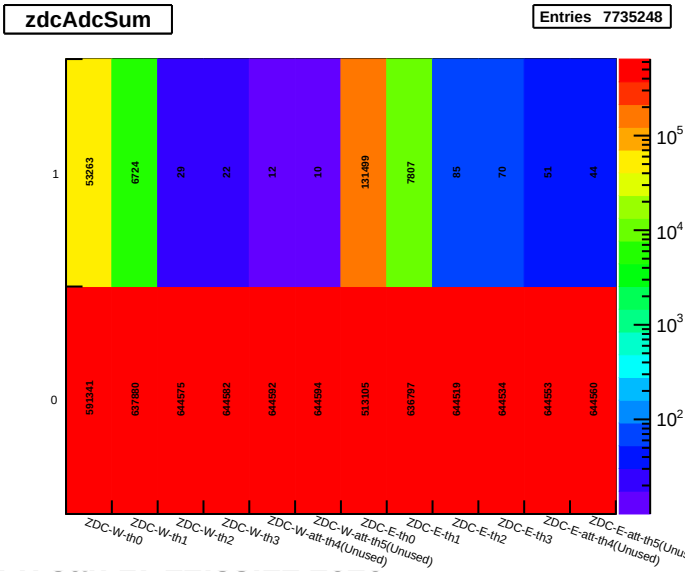
Entries 0
Data
Simu


zdcEastTac
Entries 644604


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 644604


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7735248
53263
6724
29
22
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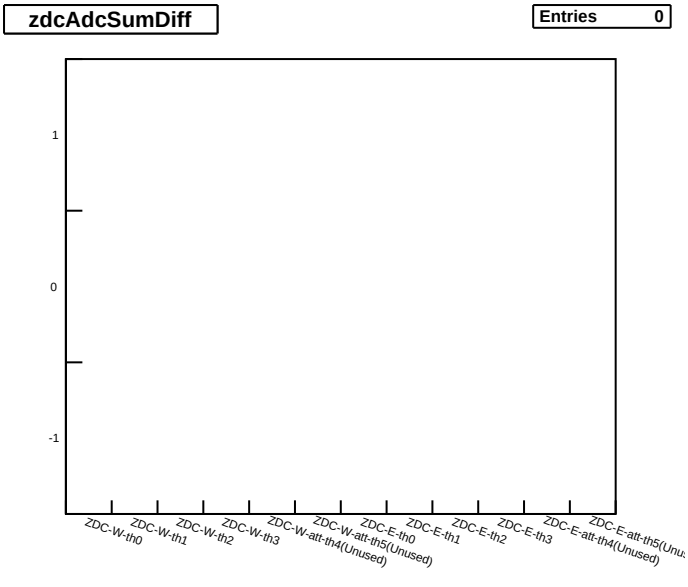
131499
7807
85
70
51
44
591341
637880
644575
644582
644592
644594
513105
636797
644519
644534
644553
644560
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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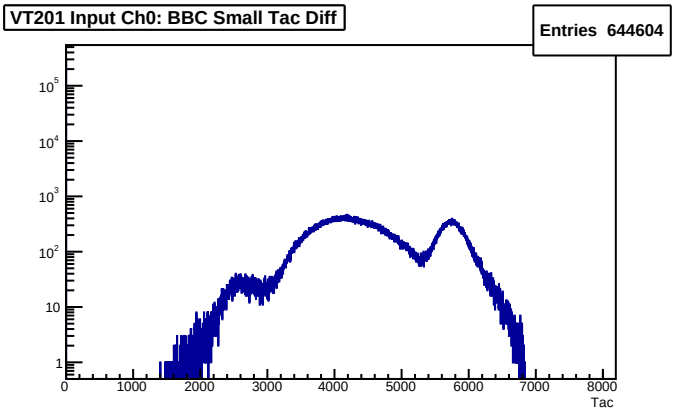
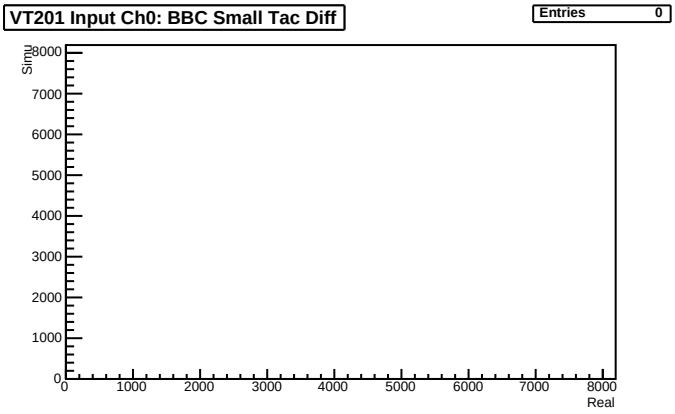
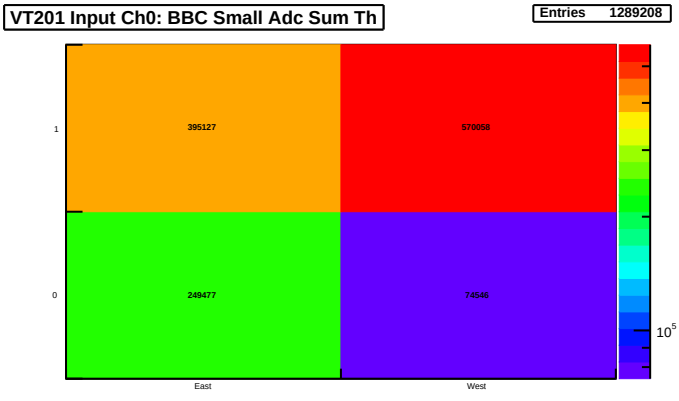
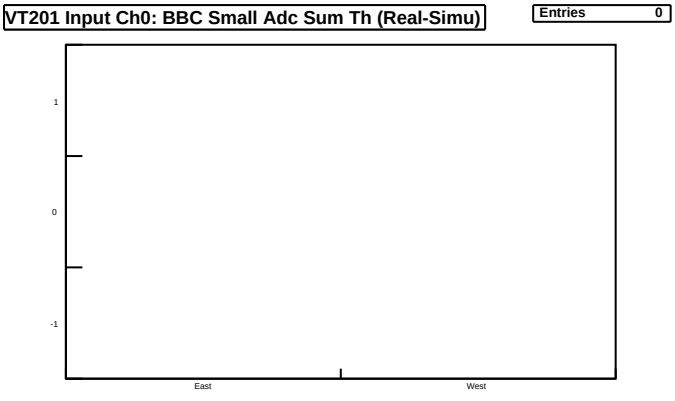
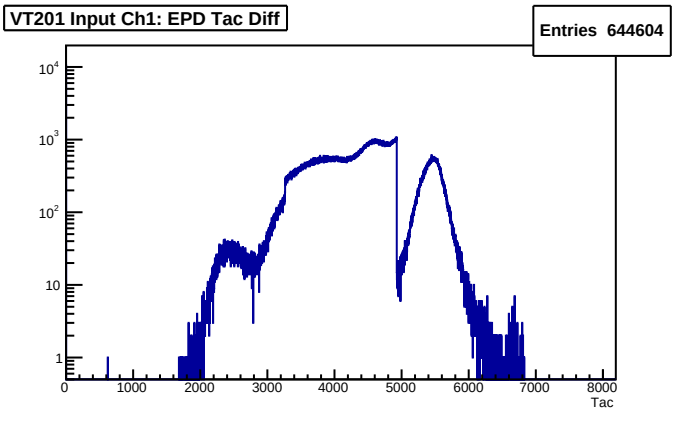
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

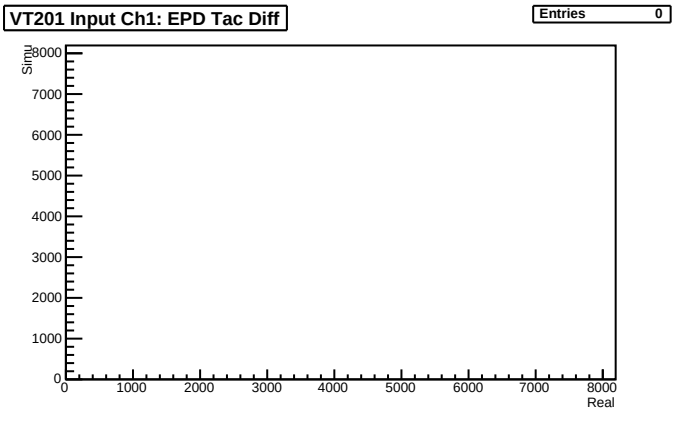

VT201 Input Ch0: BBC Small Tac Diff
Entries 644604
Tac

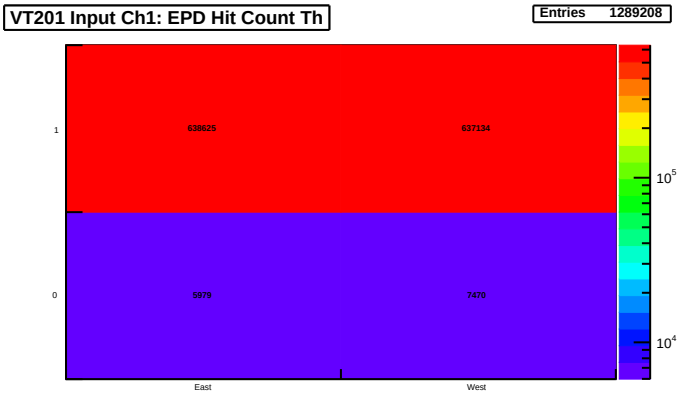

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

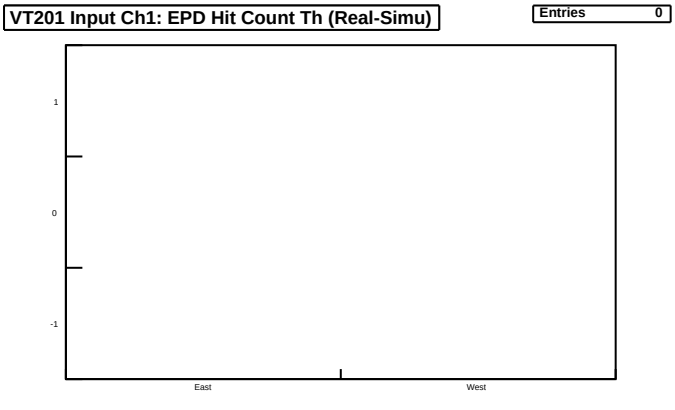

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1289208
395127
570058
249477
74546
East
West

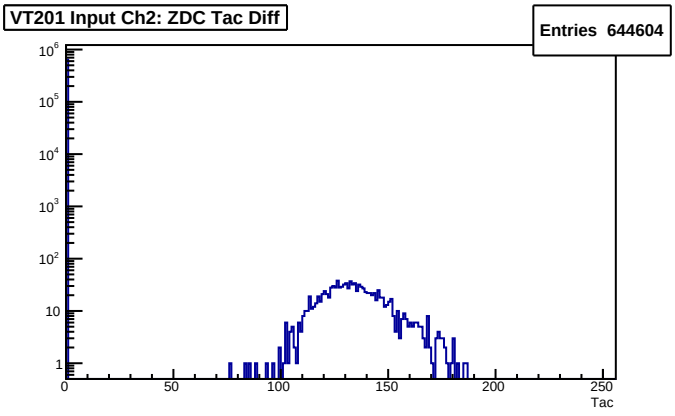

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

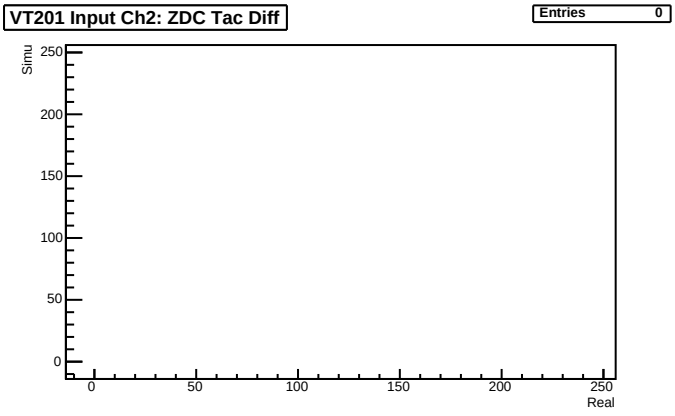

VT201 Input Ch1: EPD Tac Diff
Entries 644604
Tac

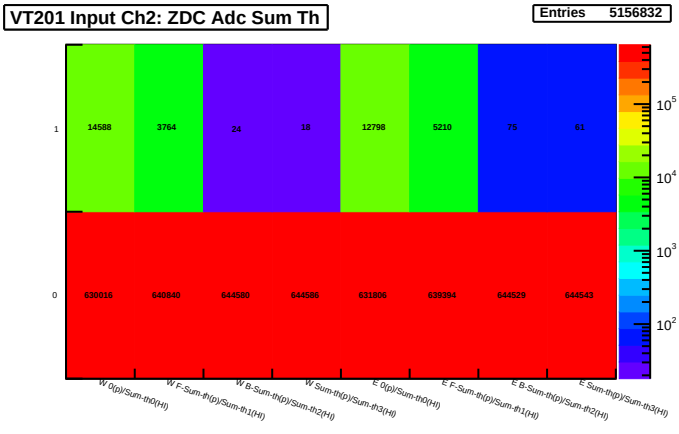

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

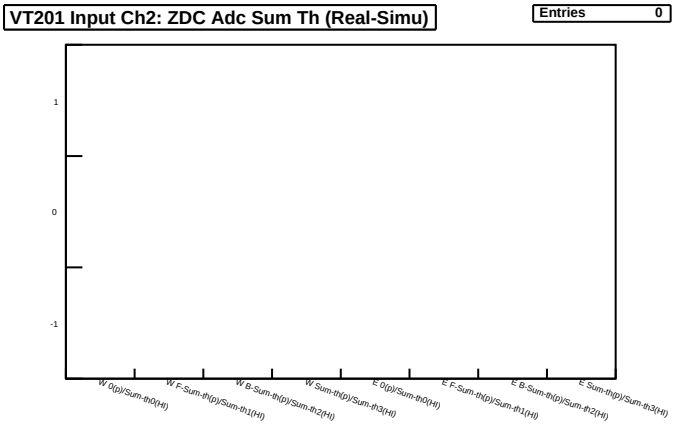

VT201 Input Ch1: EPD Hit Count Th
Entries 1289208
638625
637134
5979
7470
East
West

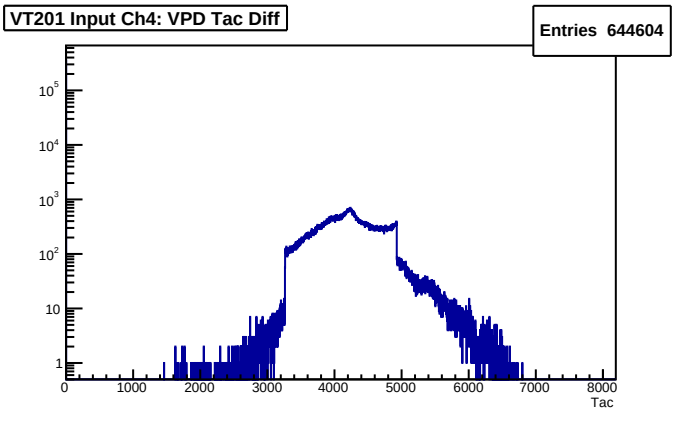

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

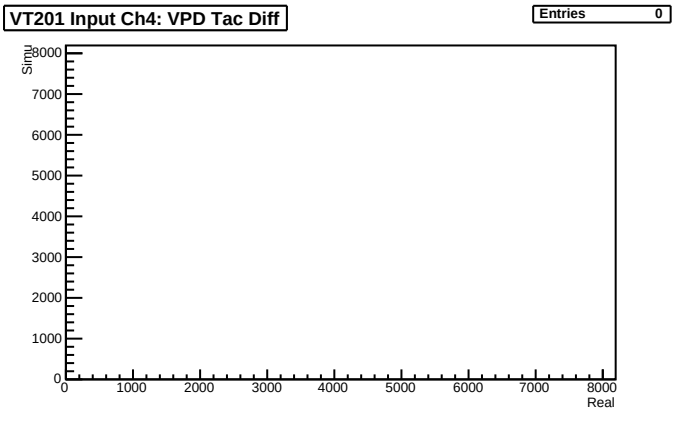

VT201 Input Ch2: ZDC Tac Diff
Entries 644604
Tac

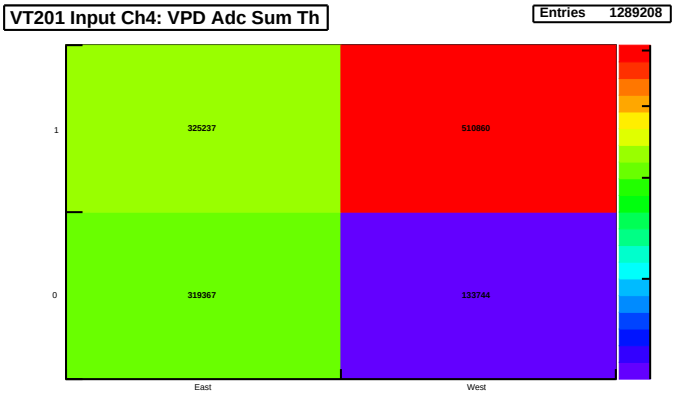

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

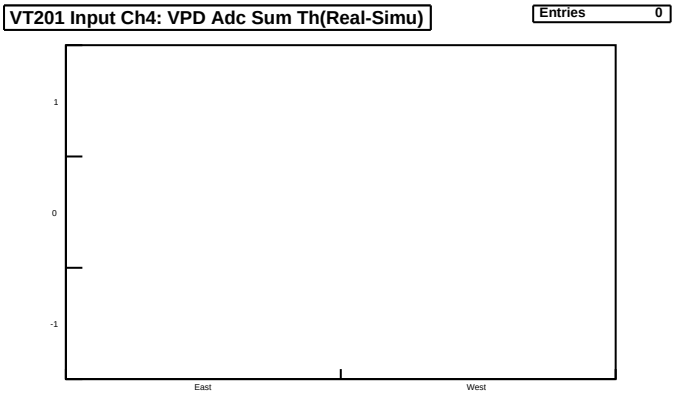

VT201 Input Ch2: ZDC Adc Sum Th
Entries 5156832
14588
3764
24
18
12798
5210
75
61
630016
640840
644580
644586
631806
639394
644529
644543
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

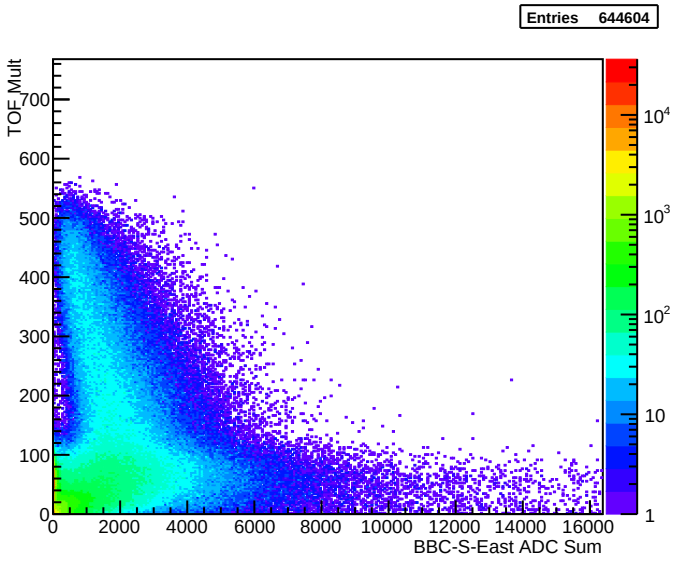

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

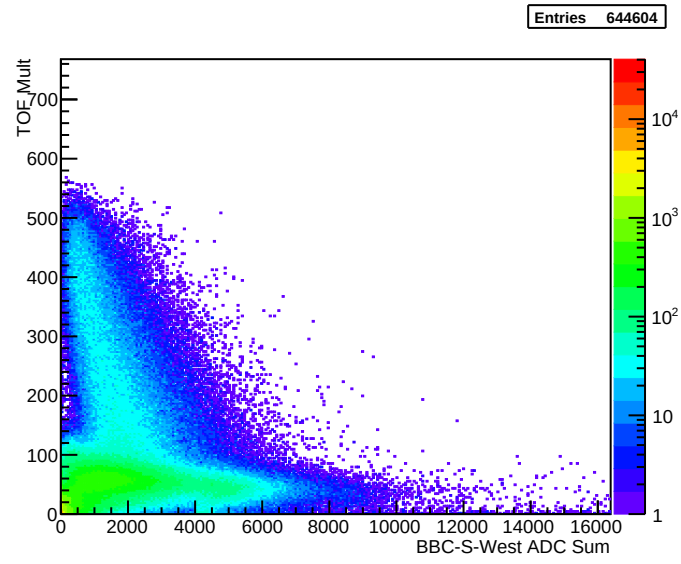

VT201 Input Ch4: VPD Tac Diff
Entries 644604
Tac

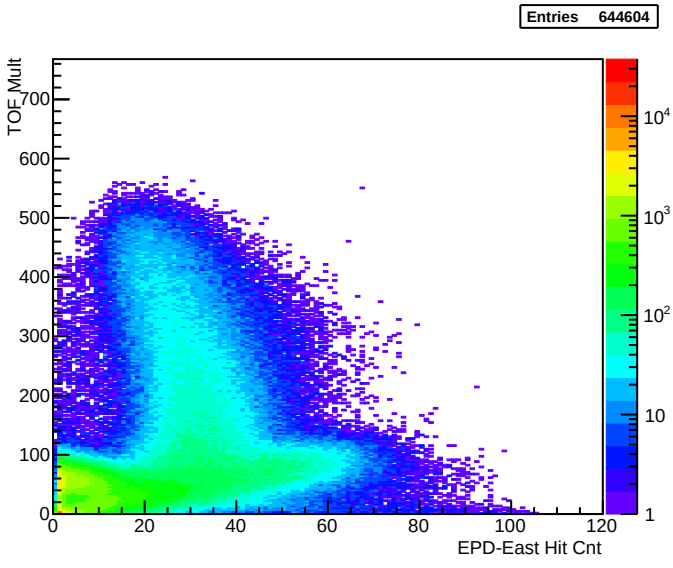

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

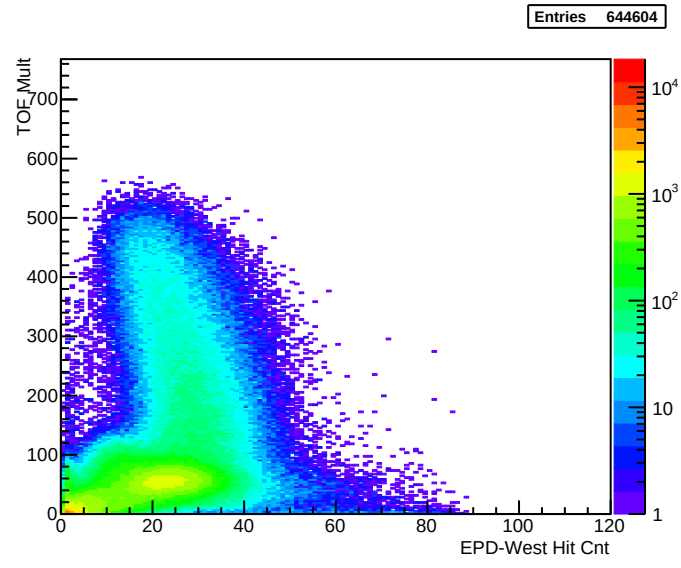

VT201 Input Ch4: VPD Adc Sum Th
Entries 1289208
325237
510860
319367
133744
East
West

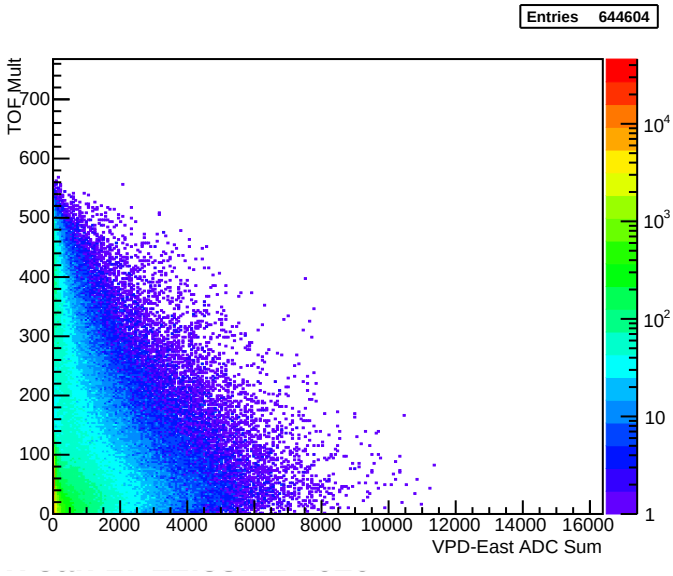

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

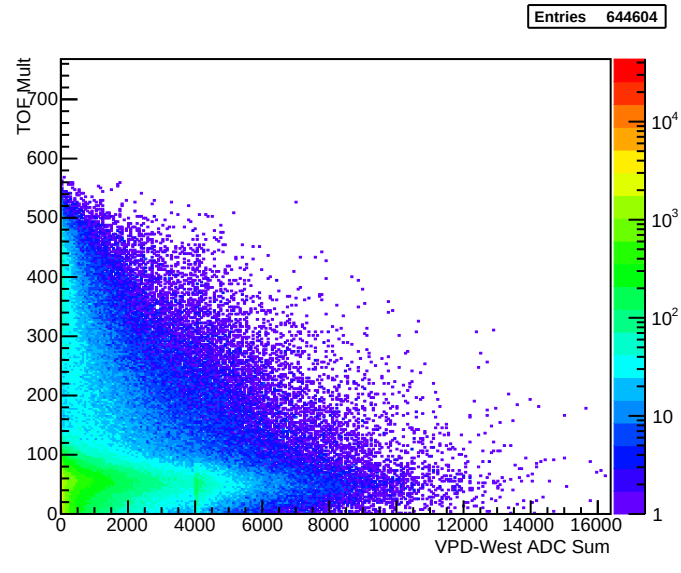

Entries 644604
TOF_Mult
BBC-S-East ADC Sum

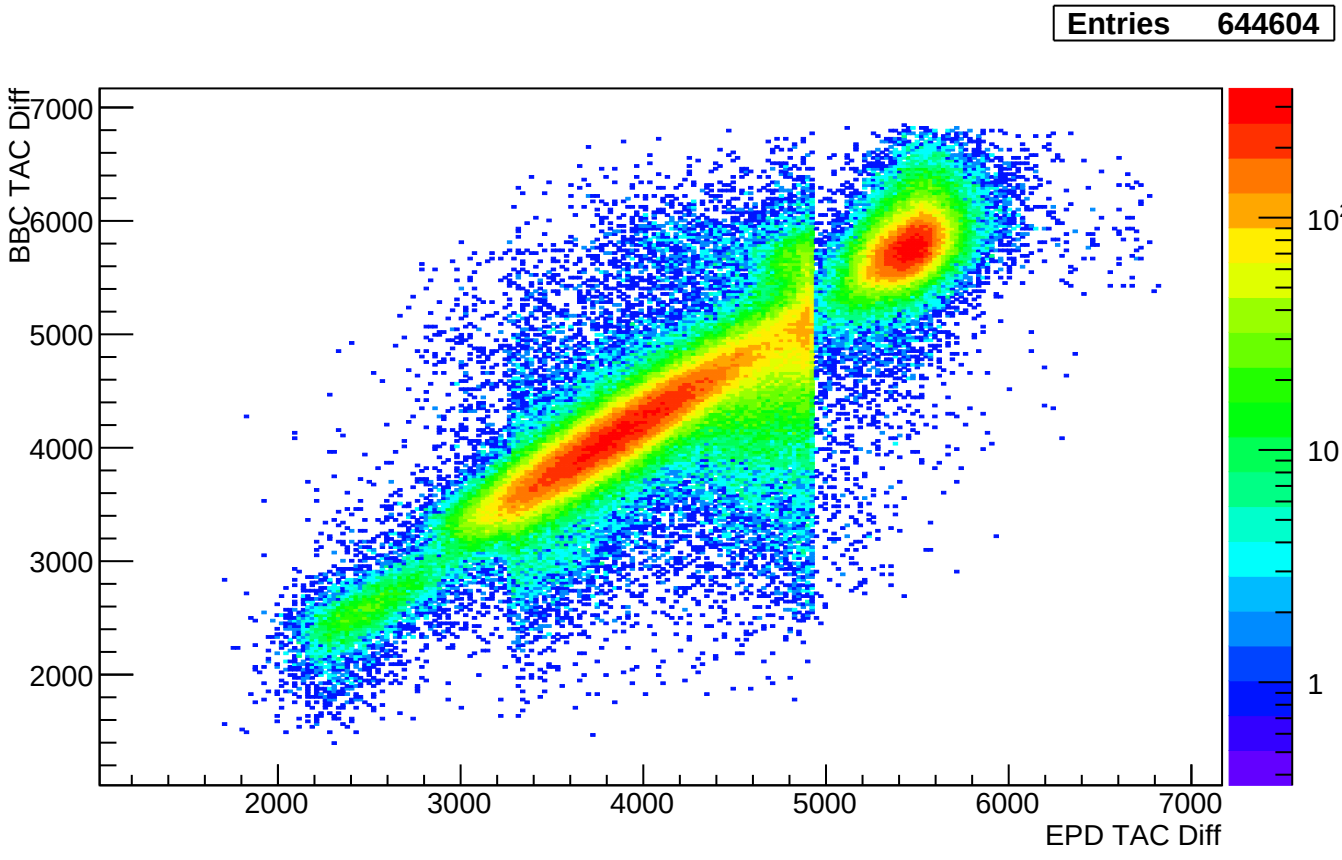

Entries 644604
TOF_Mult
BBC-S-West ADC Sum

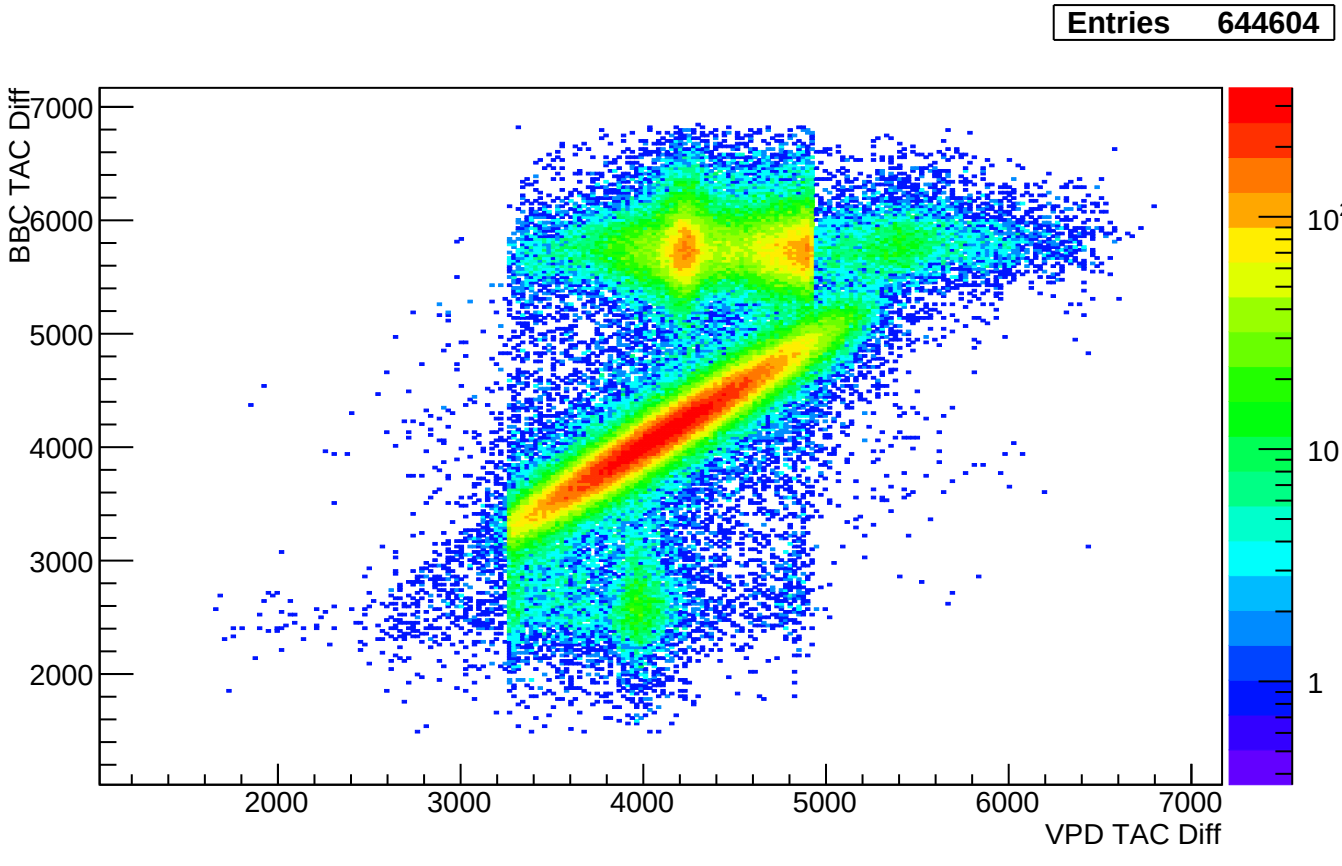

Entries 644604
TOF_Mult
EPD-East Hit Cnt

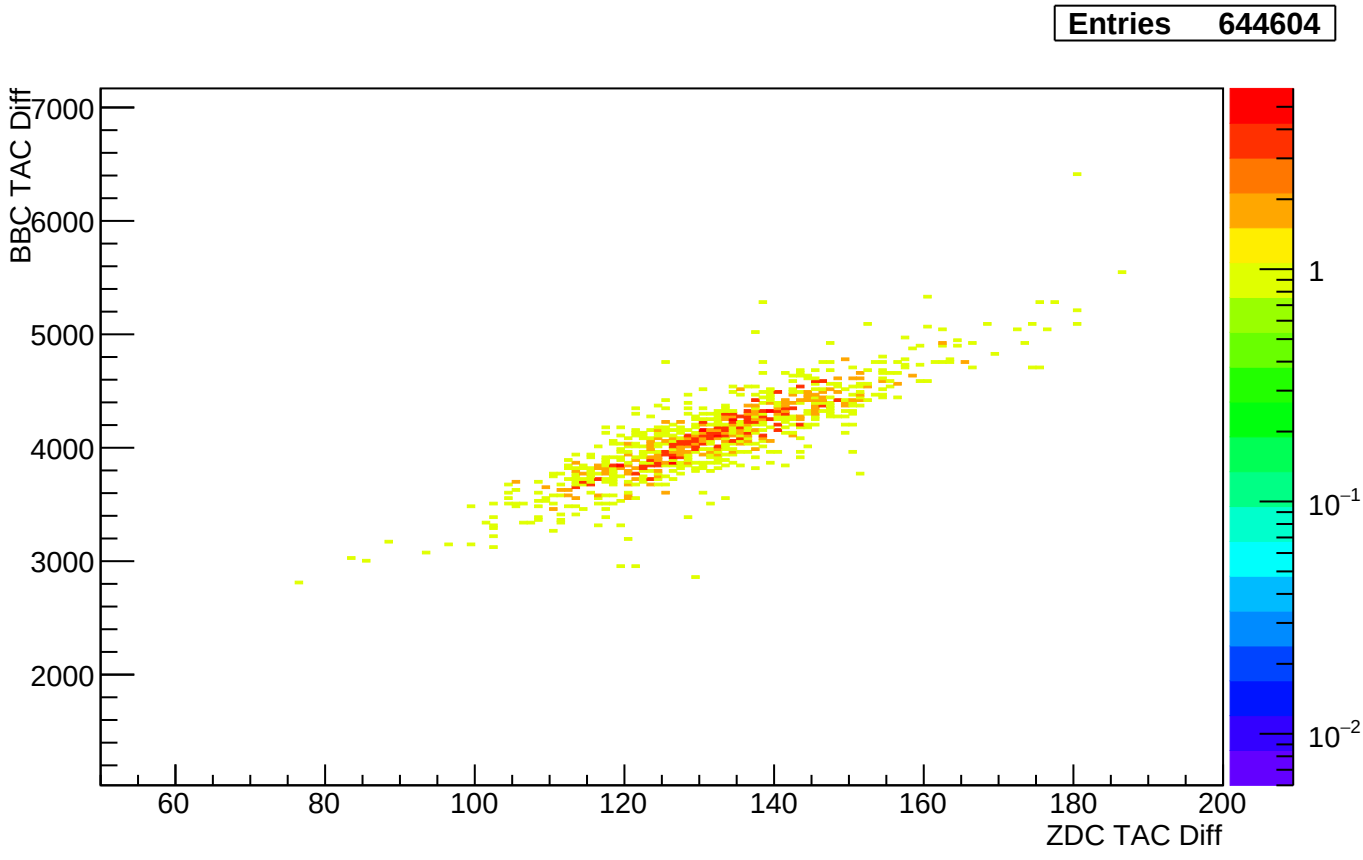

Entries 644604
TOF_Mult
EPD-West Hit Cnt

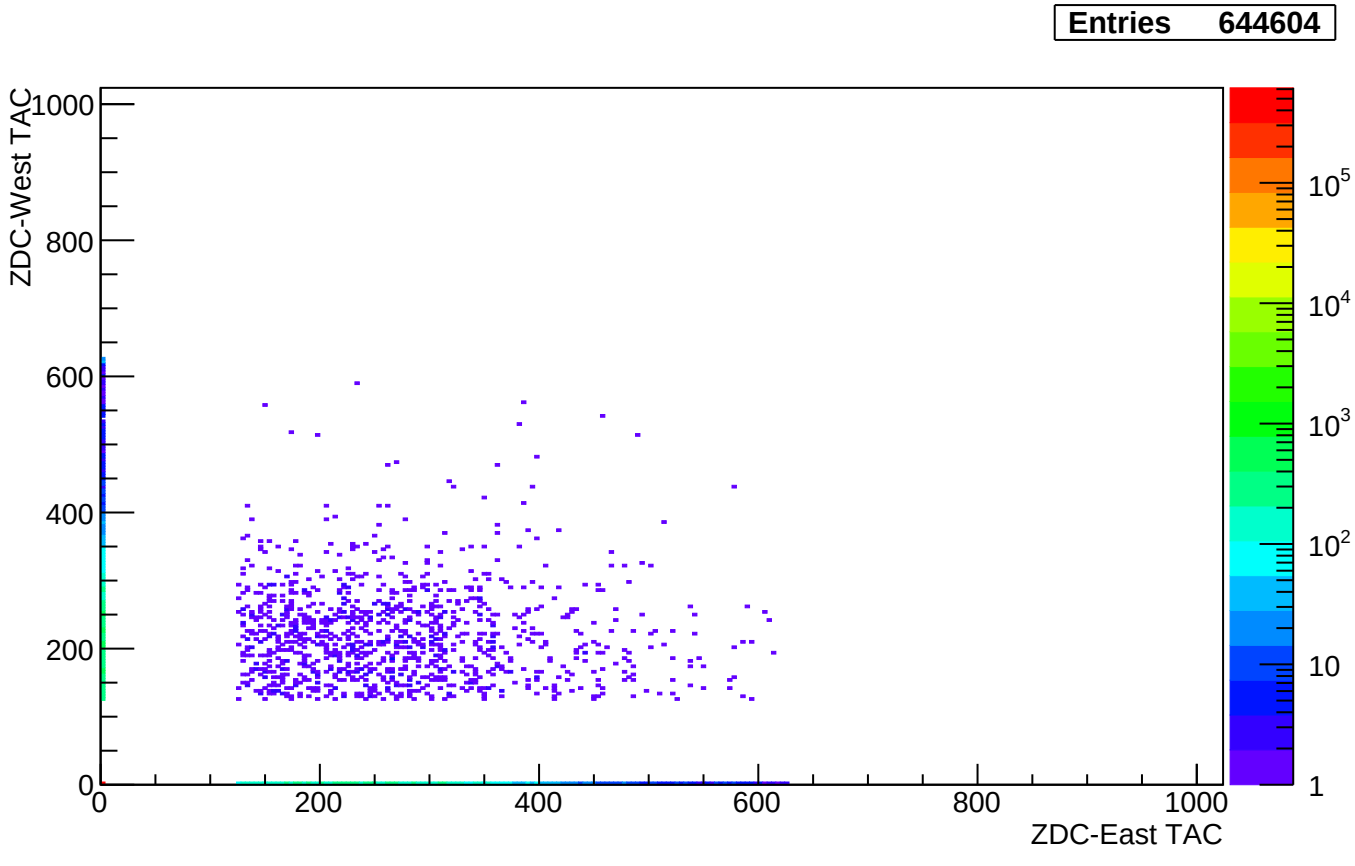

Entries 644604
TOF_Mult
VPD-East ADC Sum

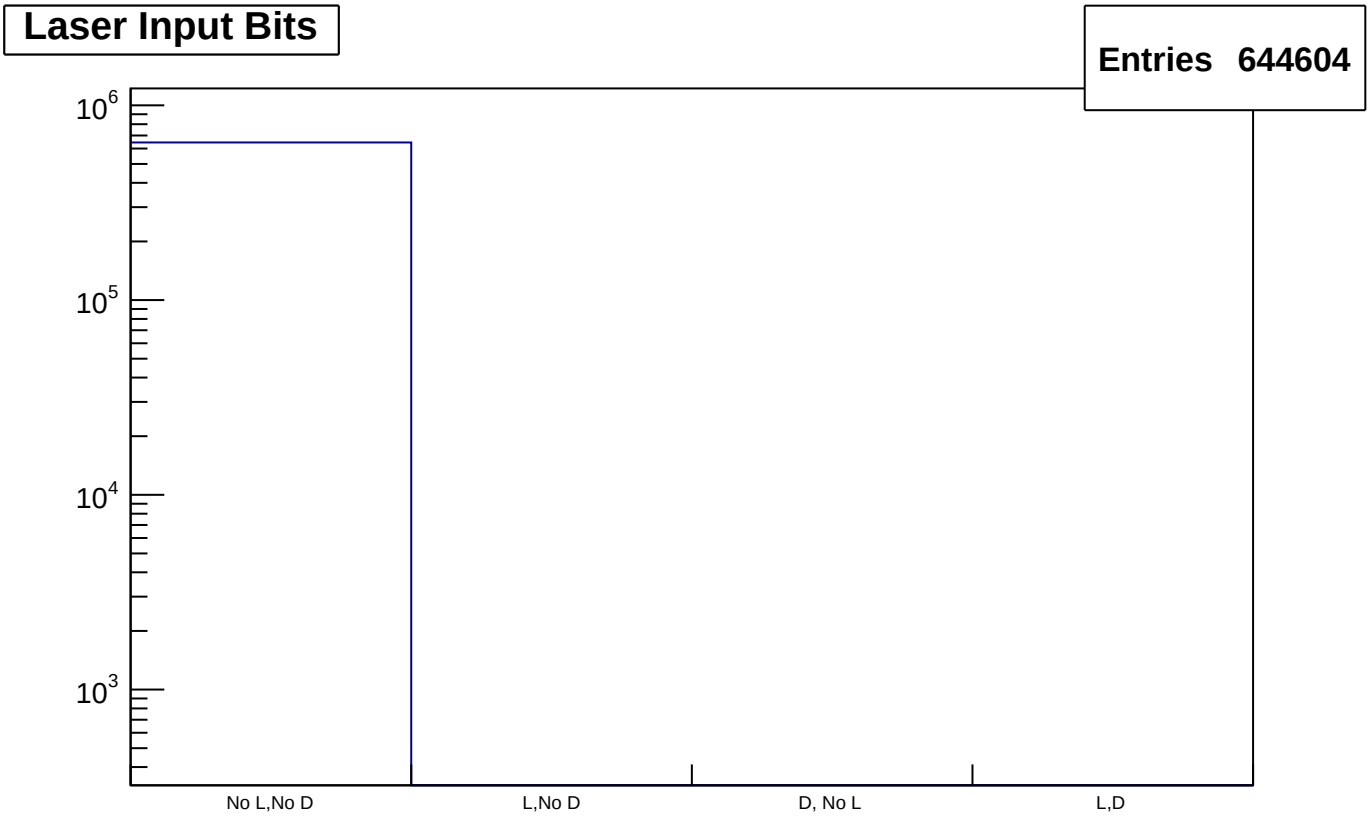

Entries 644604
TOF_Mult
VPD-West ADC Sum

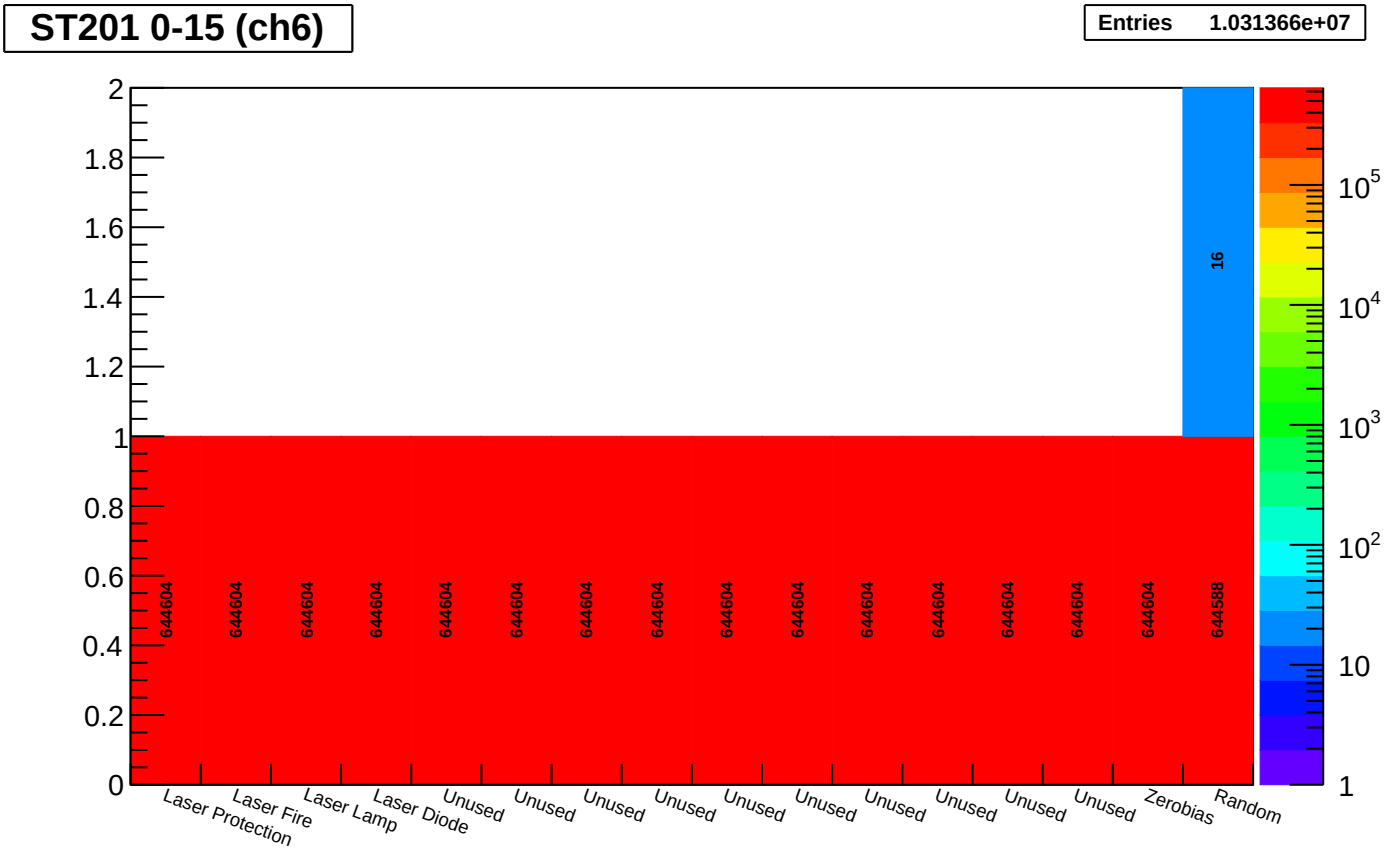

Entries 644604
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

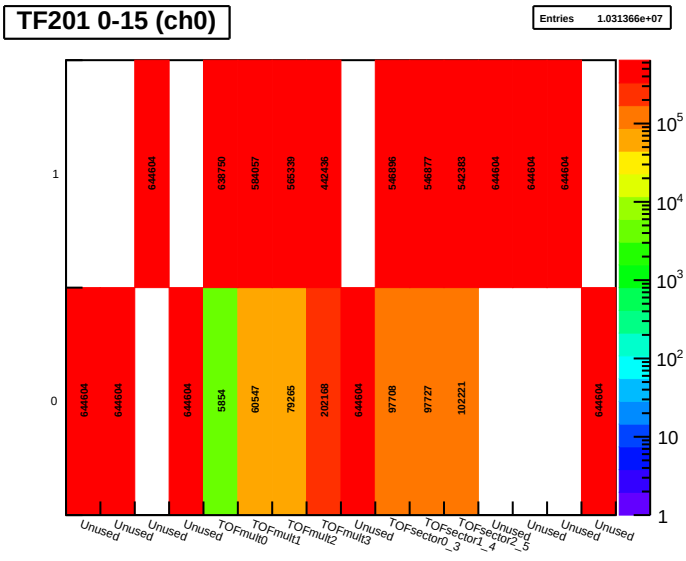

Entries 644604
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

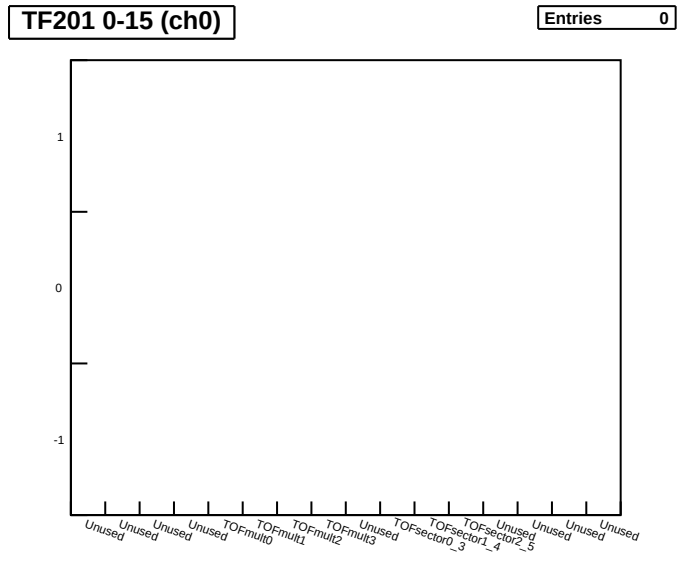

Entries 644604
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

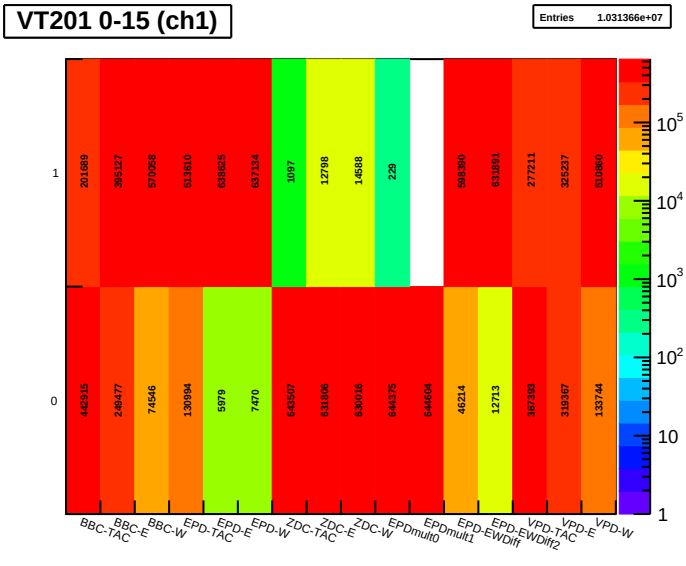

Entries 644604
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

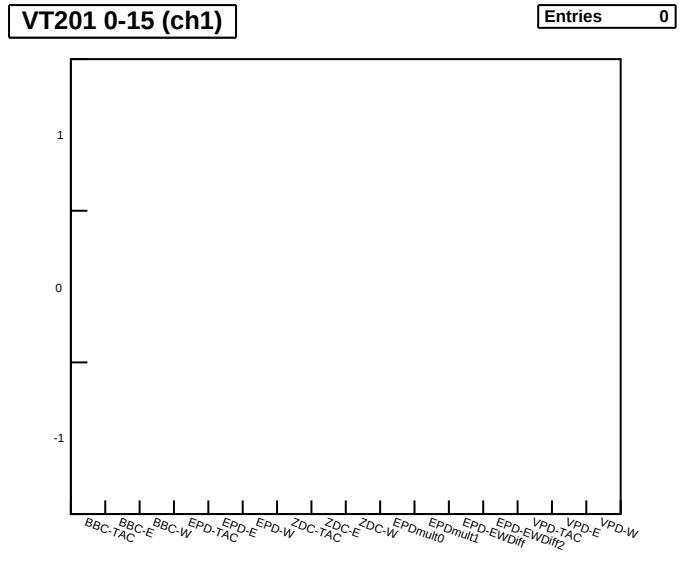

Laser Input Bits
Entries 644604
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

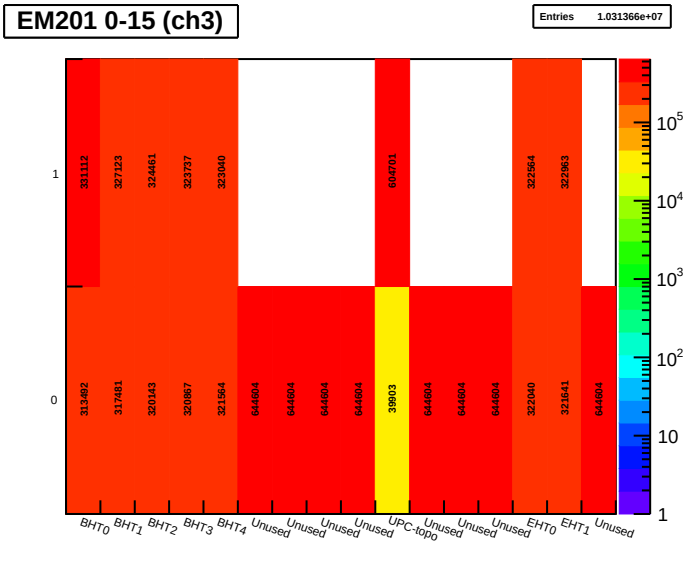

ST201 0-15 (ch6)
Entries 1.031366e+07
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
644604
644588
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

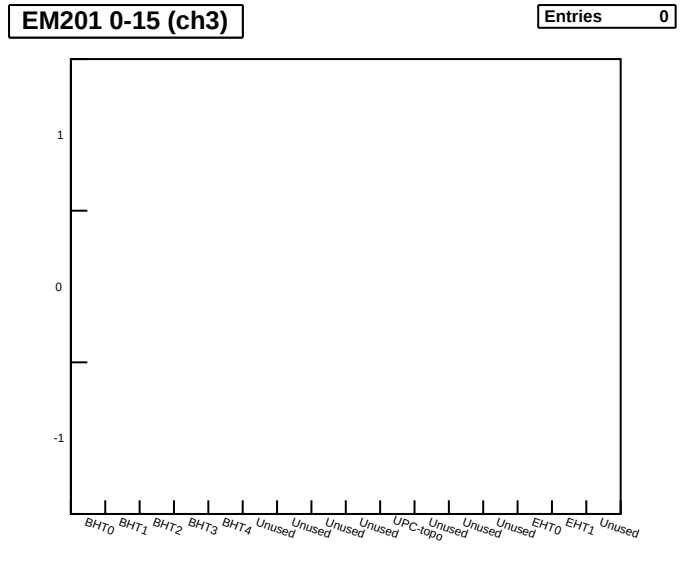

TF201 0-15 (ch0)
Entries 1.031366e+07
1
0
644604 644604 644604 5954 60547 79265 202168 644604 97708 97727 102221 644604
644604 638750 584057 565339 442436 546896 546877 542383 644604 644604 644604
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
1 10 10^2 10^3 10^4 10^5


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 1.031366e+07
1
0
442915 249477 74546 130994 5979 7470 643507 631806 630016 644375 644604 46214 12713 367393 319367 133744
201689 395127 570058 513610 638625 637134 1097 12798 14568 229 598390 631891 277211 325237 510860
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
1 10 10^2 10^3 10^4 10^5


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 1.031366e+07
1
0
313492 317481 320143 320867 321564 644604 644604 644604 644604 39903 644604 644604 644604 322040 321641 644604
331112 327123 324461 323737 323040 604701 322564 322963
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
1 10 10^2 10^3 10^4 10^5


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