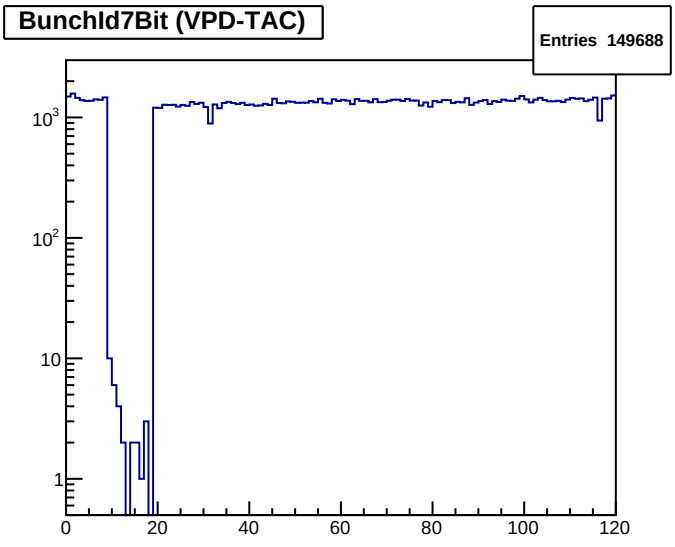
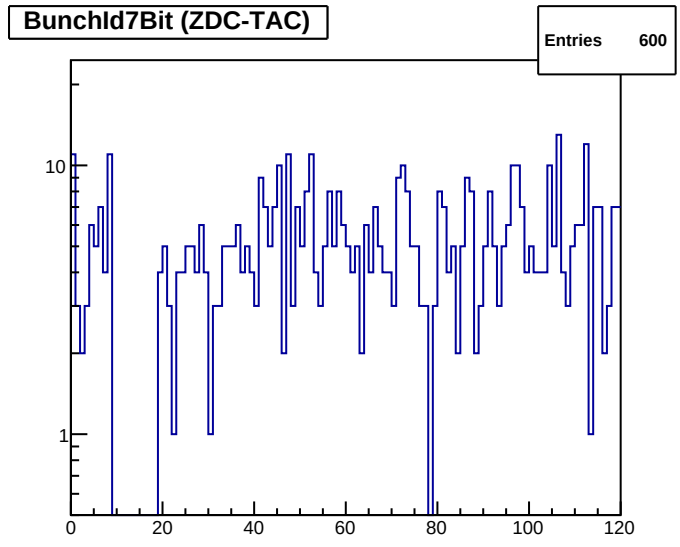
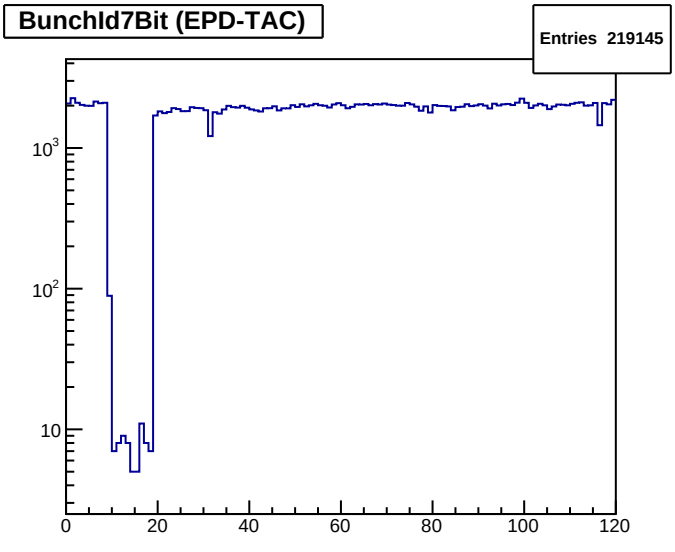
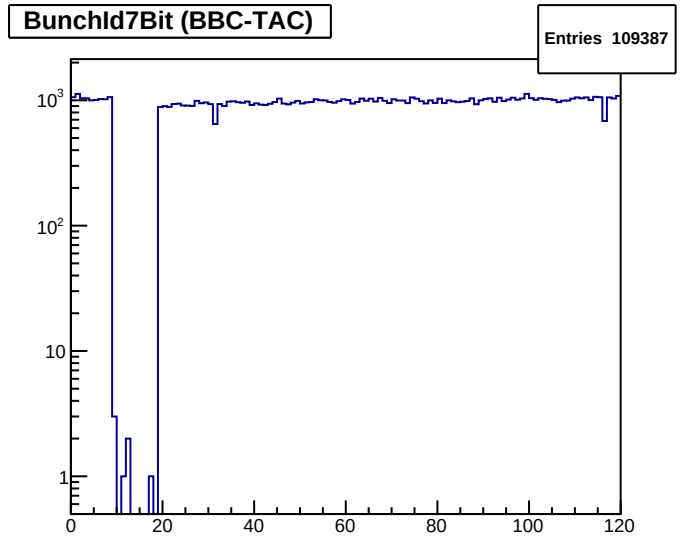
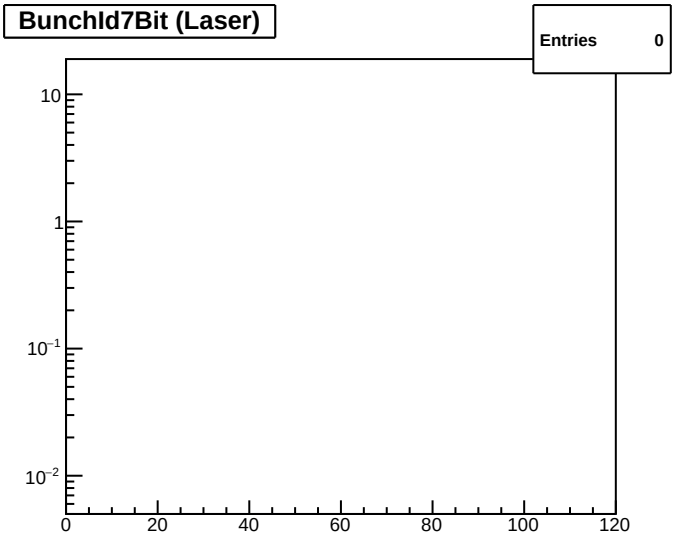
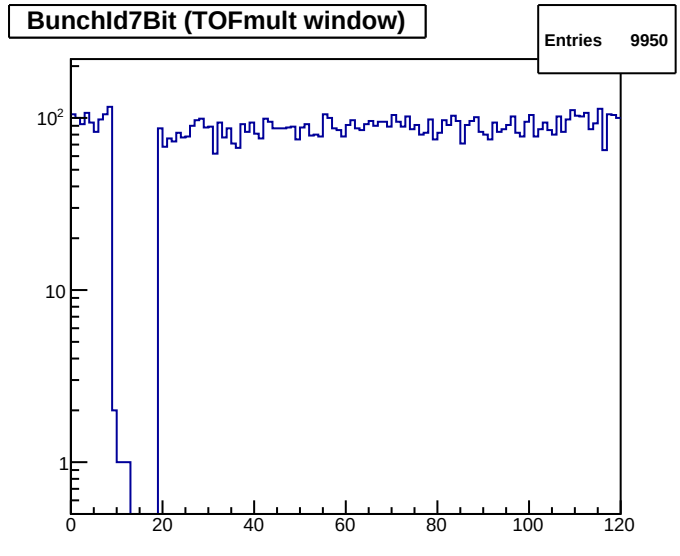

BunchId7Bit (VPD-TAC)
Entries 149688

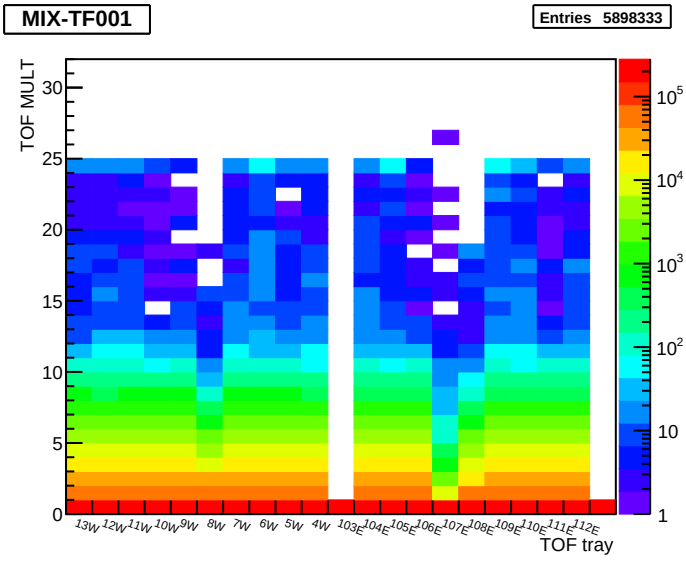

BunchId7Bit (ZDC-TAC)
Entries 600

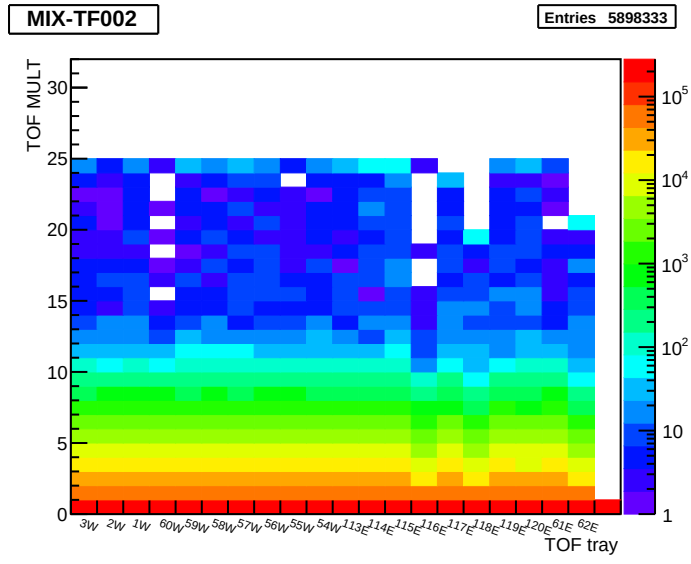

BunchId7Bit (EPD-TAC)
Entries 219145

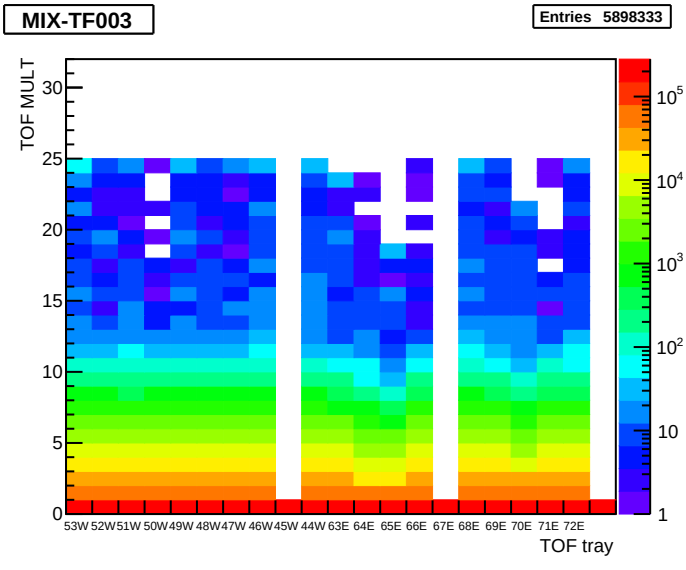

BunchId7Bit (BBC-TAC)
Entries 109387

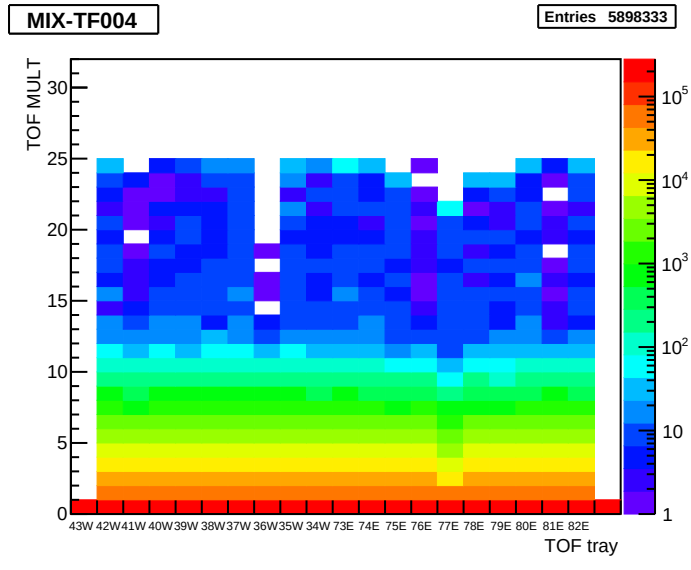

BunchId7Bit (Laser)
Entries 0

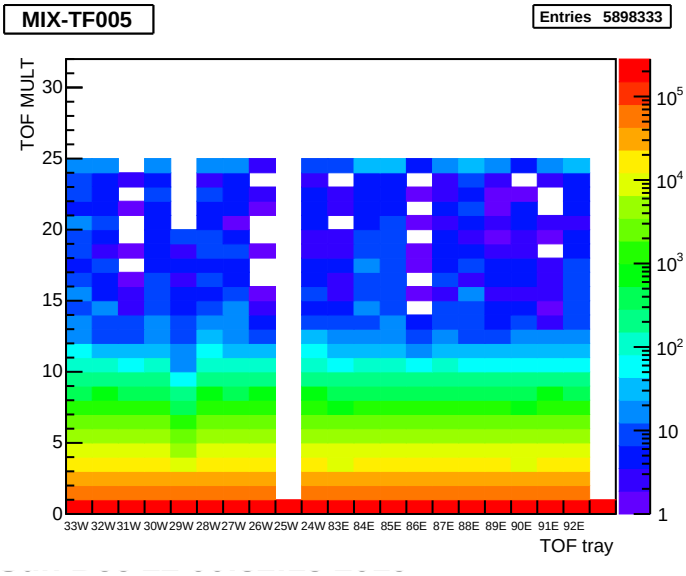

BunchId7Bit (TOFmult window)
Entries 9950

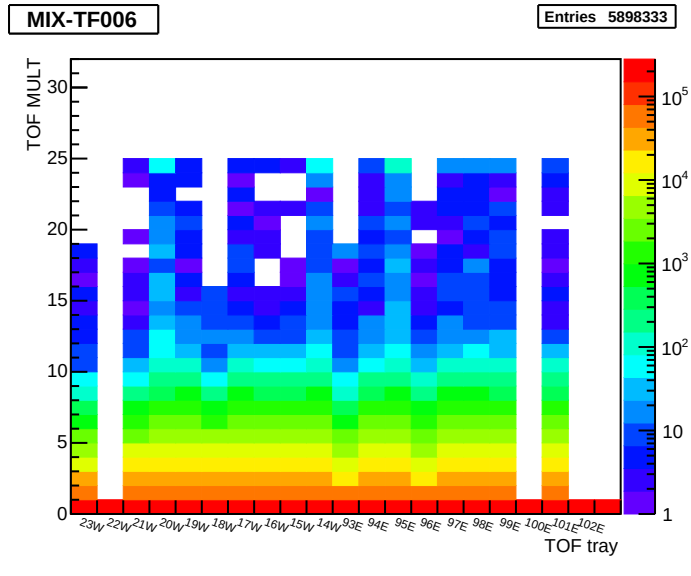

MIX-TF001
Entries 5898333
TOF MULT
TOF tray

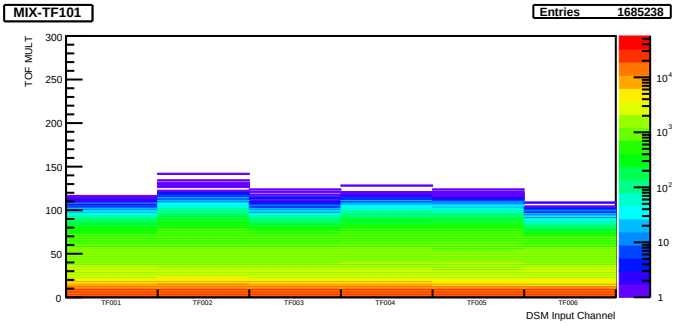

MIX-TF002
Entries 5898333
TOF MULT
TOF tray

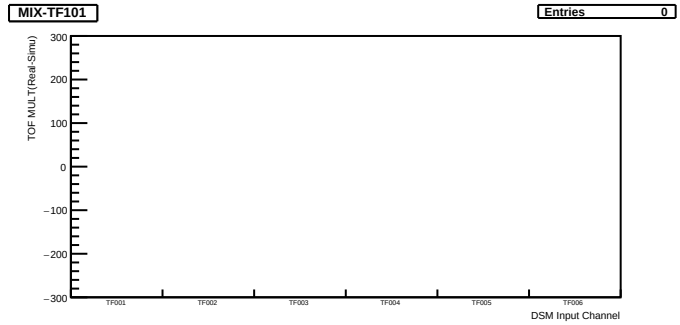

MIX-TF003
Entries 5898333
TOF MULT
TOF tray

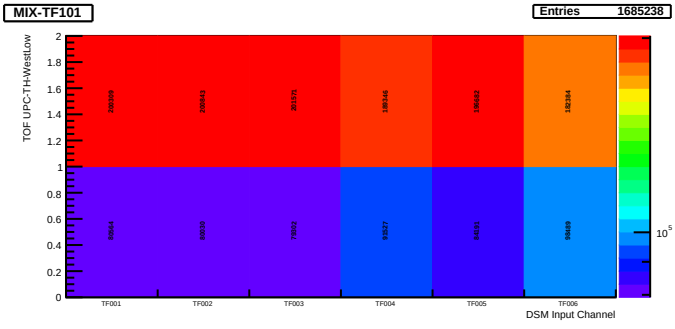

MIX-TF004
Entries 5898333
TOF MULT
TOF tray

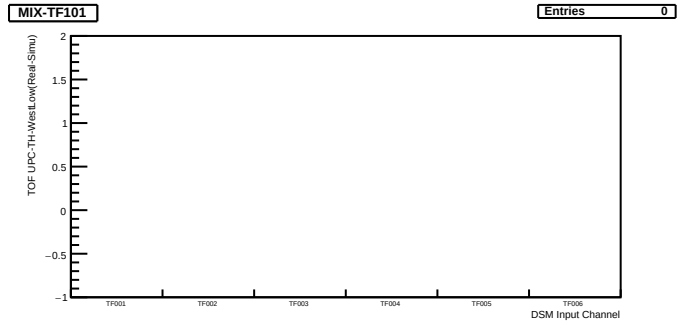

MIX-TF005
Entries 5898333
TOF MULT
TOF tray

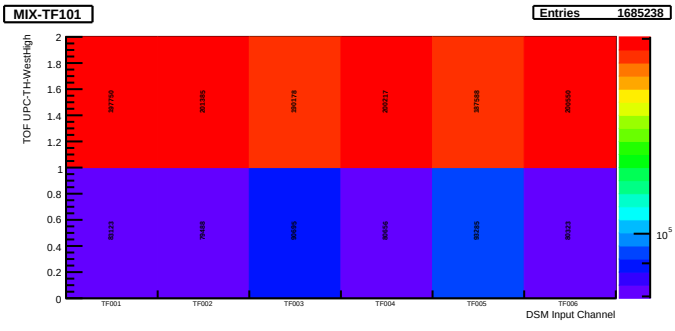

MIX-TF006
Entries 5898333
TOF MULT
TOF tray

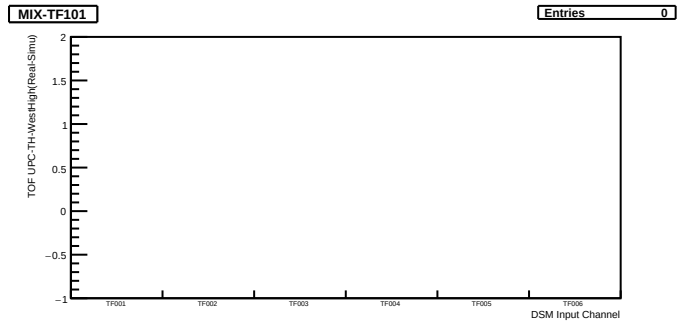

MIX-TF101
Entries 1685238
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

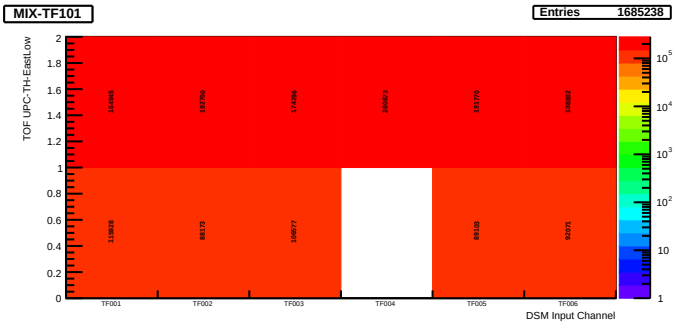

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

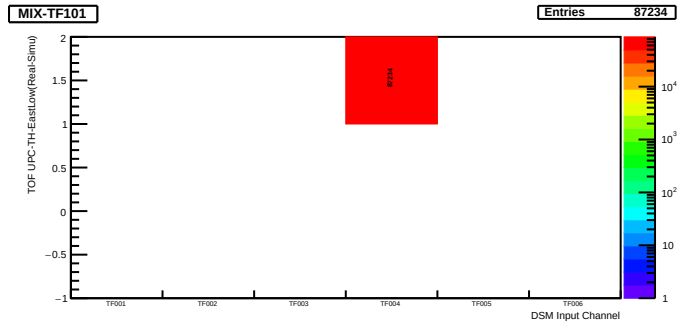

MIX-TF101
Entries 1685238
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

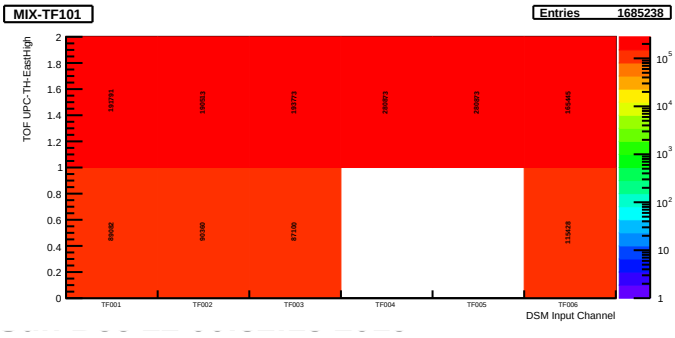

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

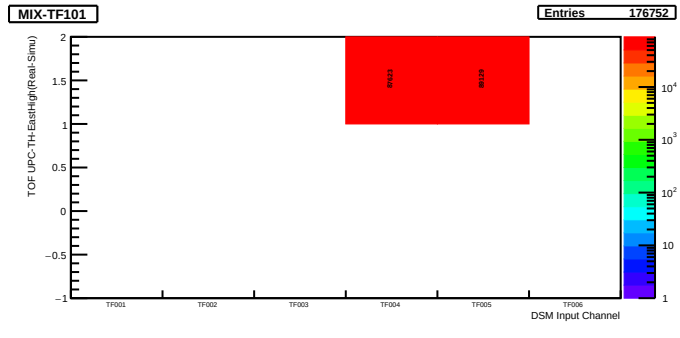

MIX-TF101
Entries 1685238
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

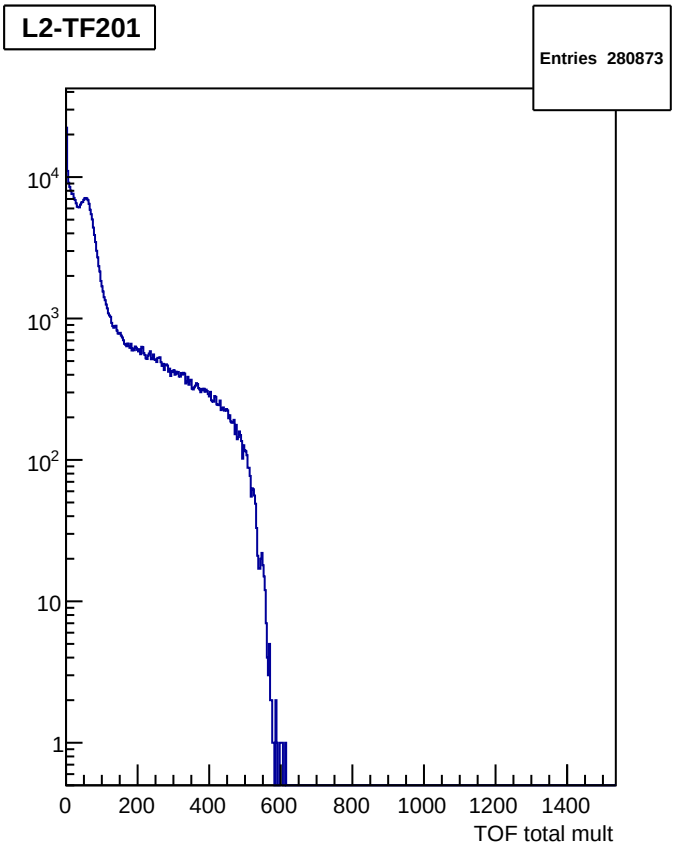

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

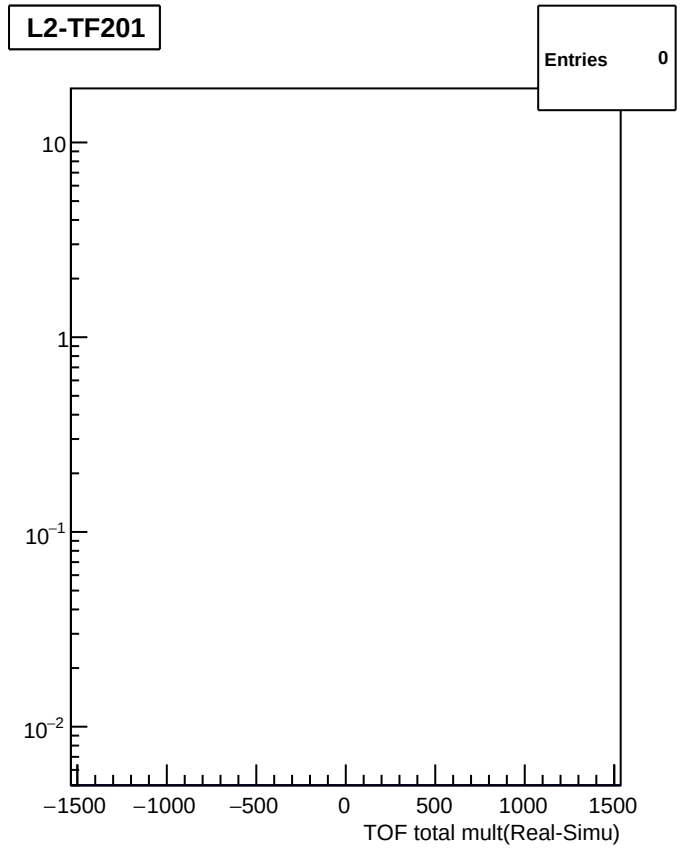

MIX-TF101
Entries 1685238
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

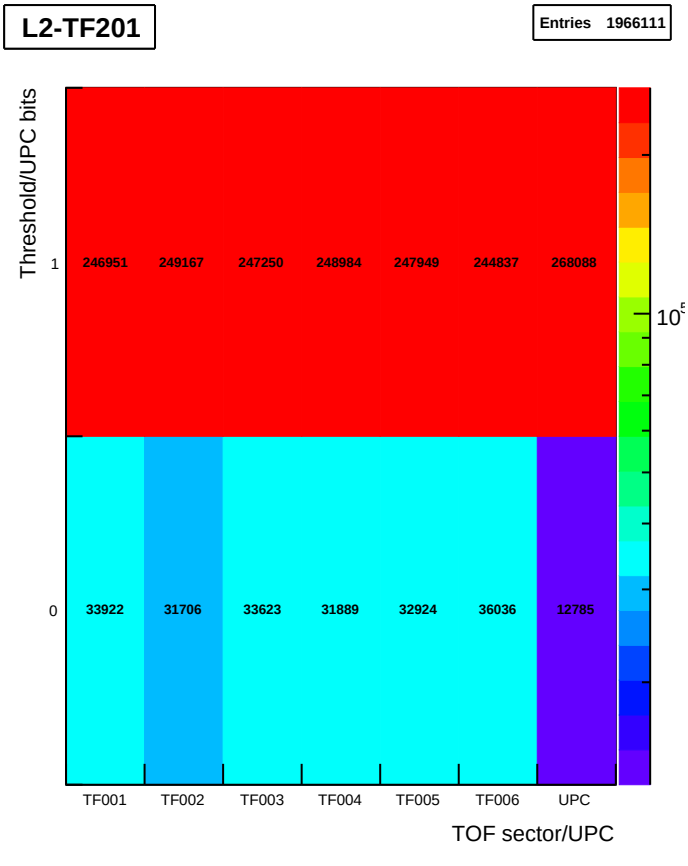

MIX-TF101
Entries 87234
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

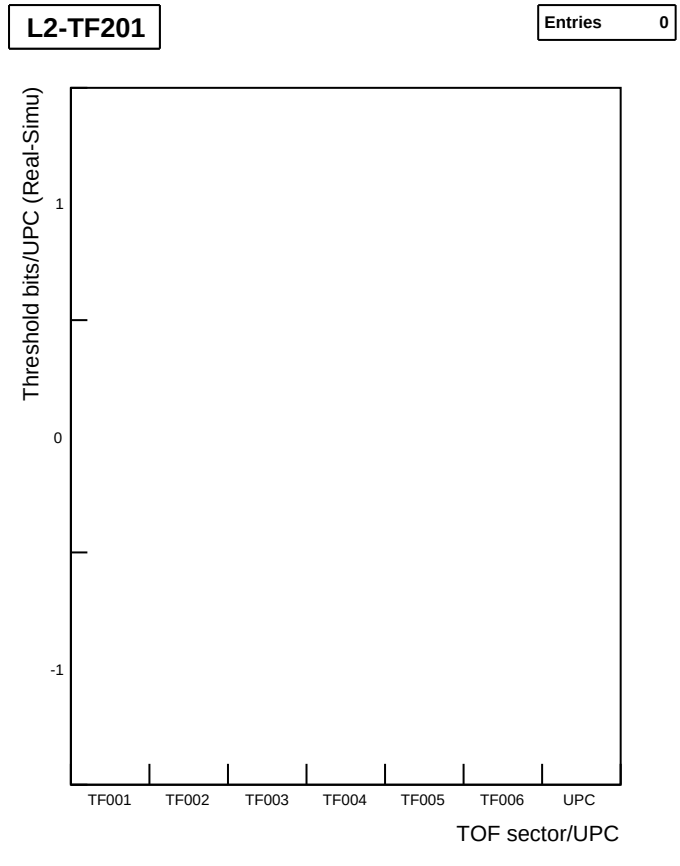

MIX-TF101
Entries 1685238
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

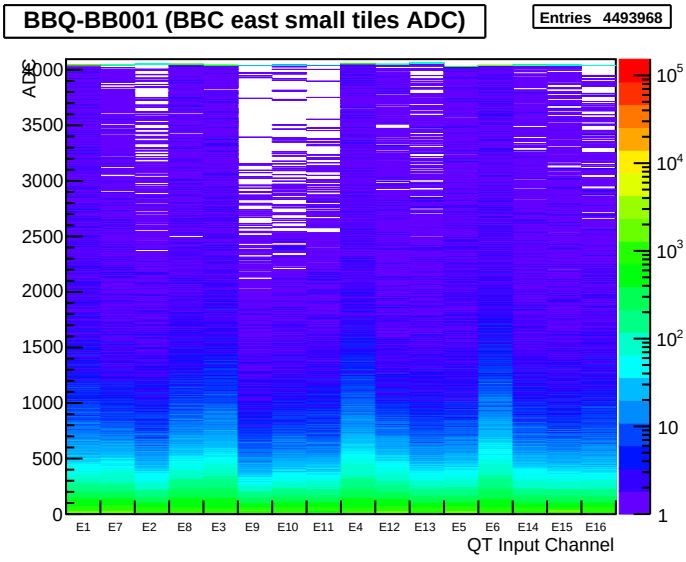

MIX-TF101
Entries 176752
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

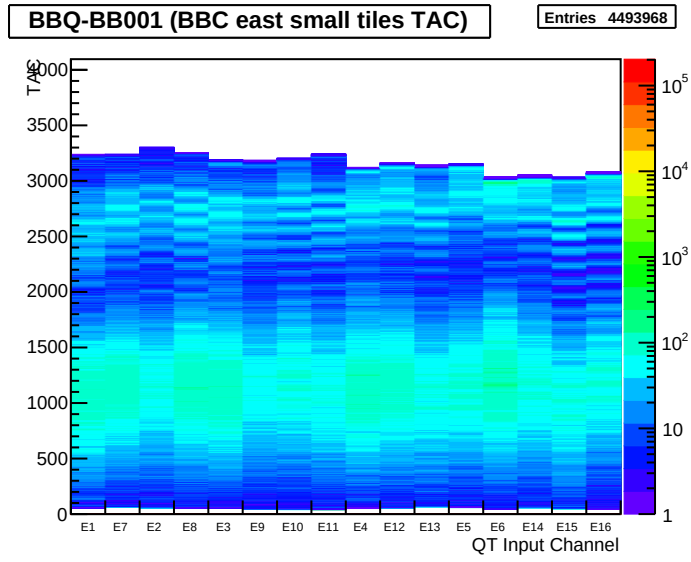

L2-TF201
Entries 280873
TOF total mult

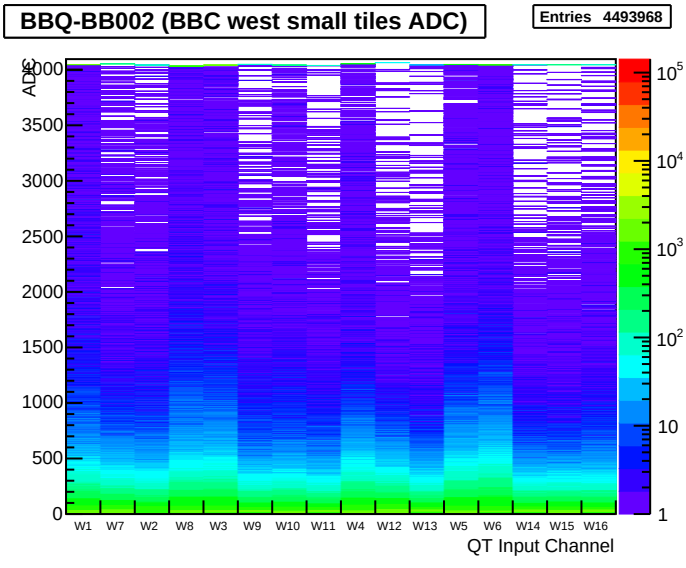

L2-TF201
Entries 0
TOF total mult(Real-Simu)

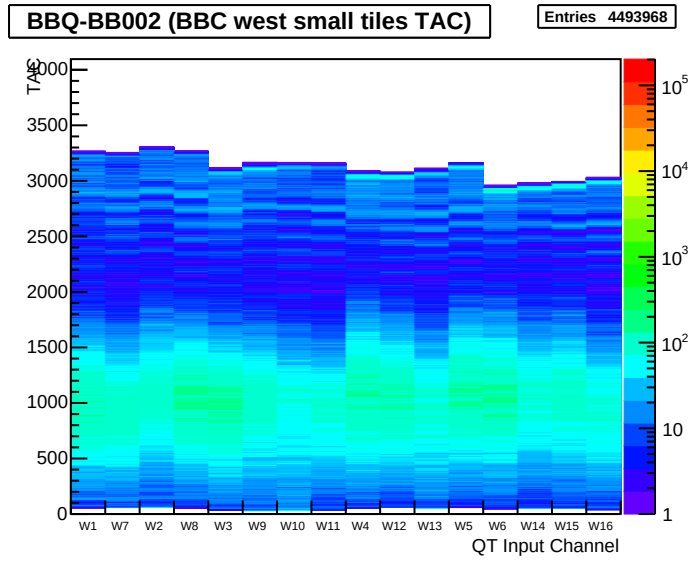

L2-TF201
Entries 1966111
Threshold/UPC bits
246951
249167
247250
248984
247949
244837
268088
33922
31706
33623
31889
32924
36036
12785
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

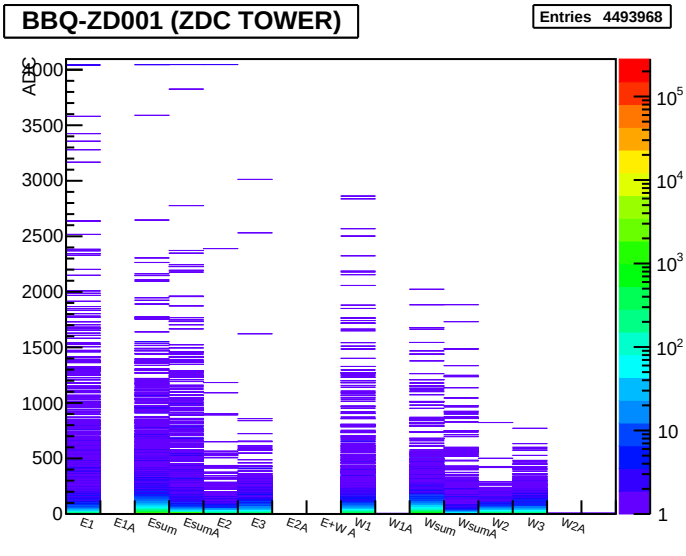

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

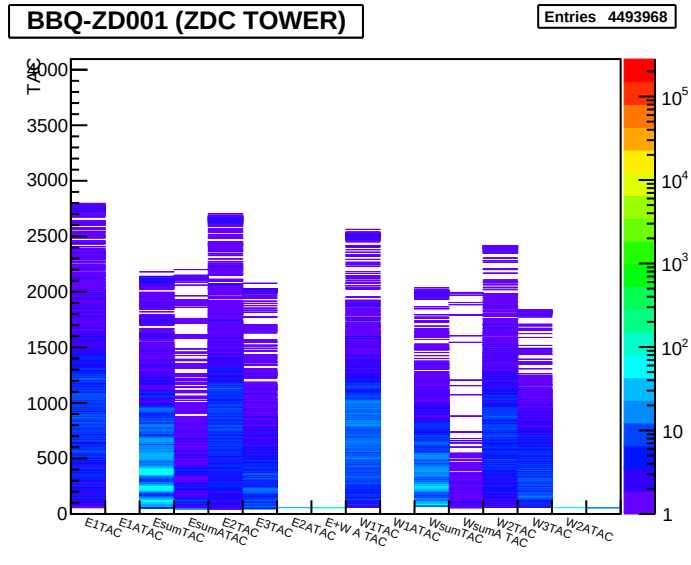

BBQ-BB001 (BBC east small tiles ADC)
Entries 4493968
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

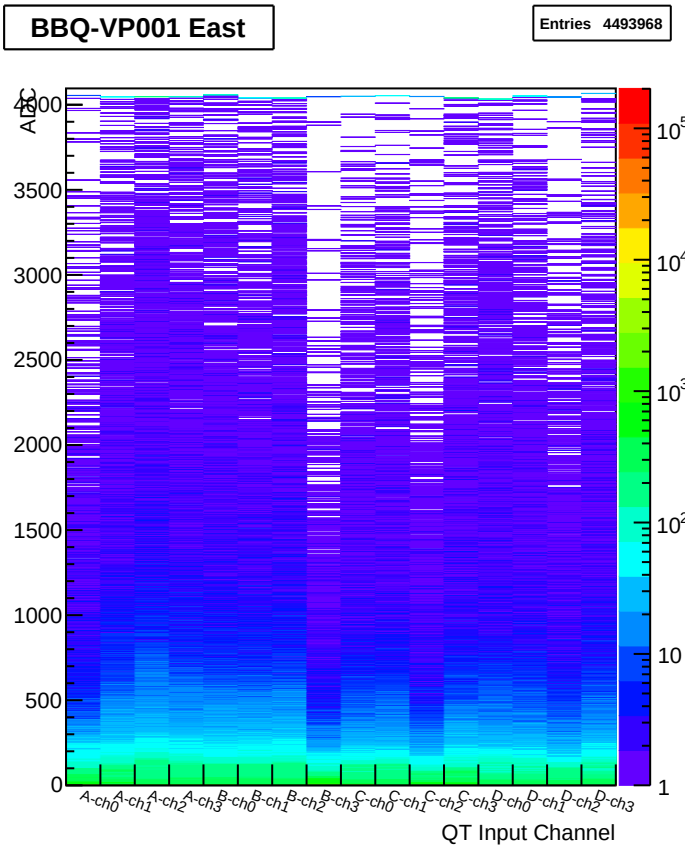

BBQ-BB001 (BBC east small tiles TAC)
Entries 4493968
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

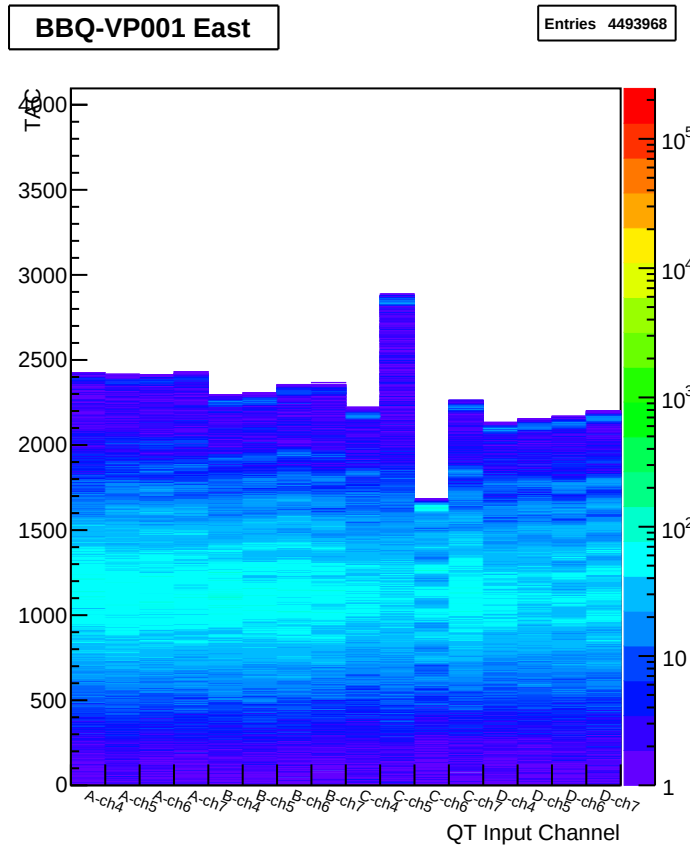

BBQ-BB002 (BBC west small tiles ADC)
Entries 4493968
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

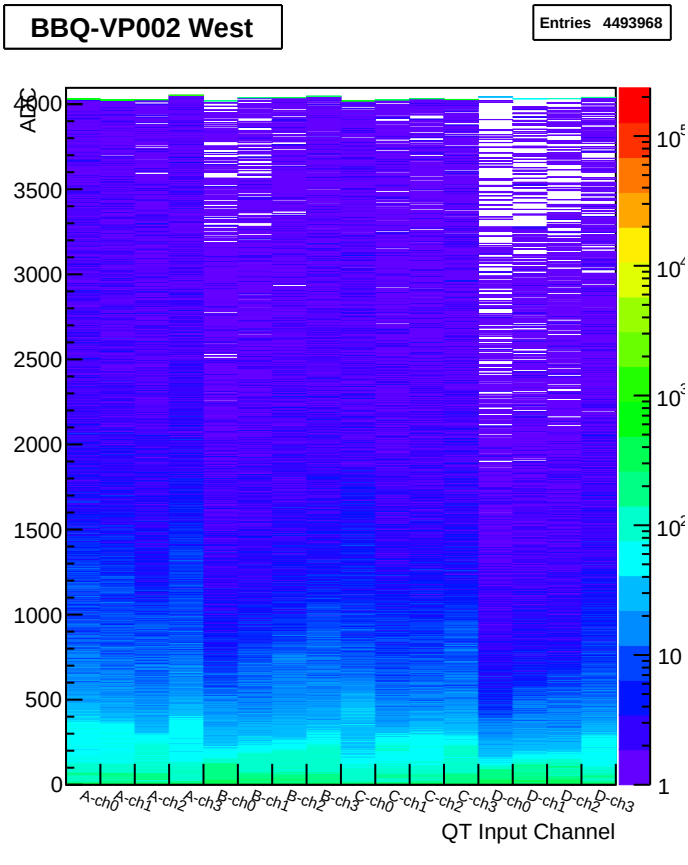

BBQ-BB002 (BBC west small tiles TAC)
Entries 4493968
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

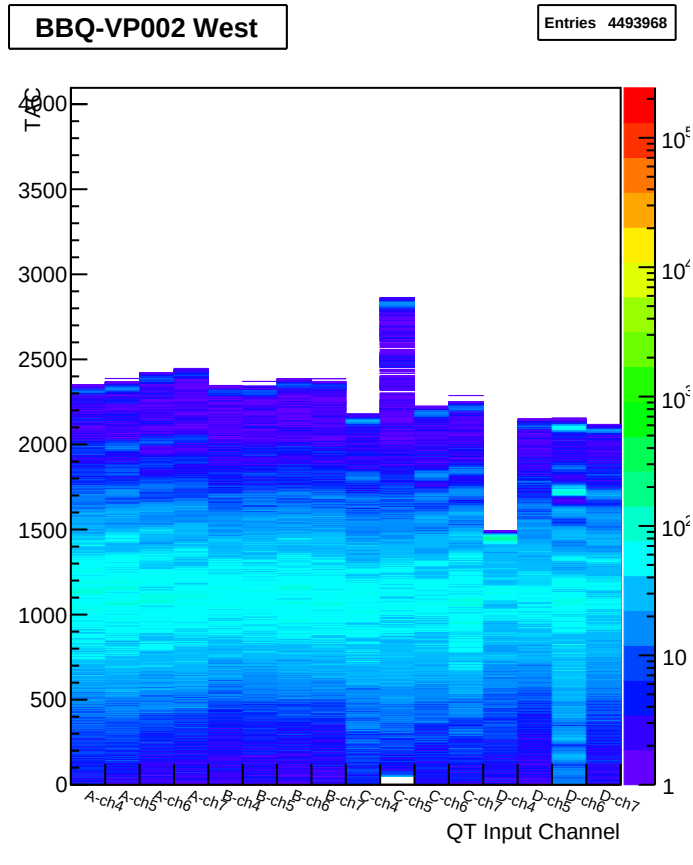

BBQ-ZD001 (ZDC TOWER)
Entries 4493968
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

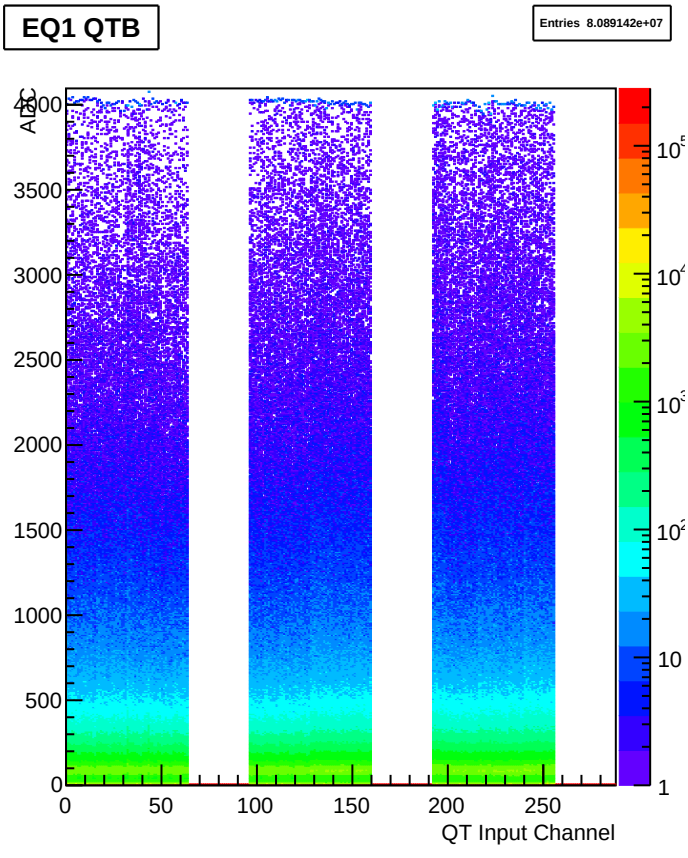

BBQ-ZD001 (ZDC TOWER)
Entries 4493968
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

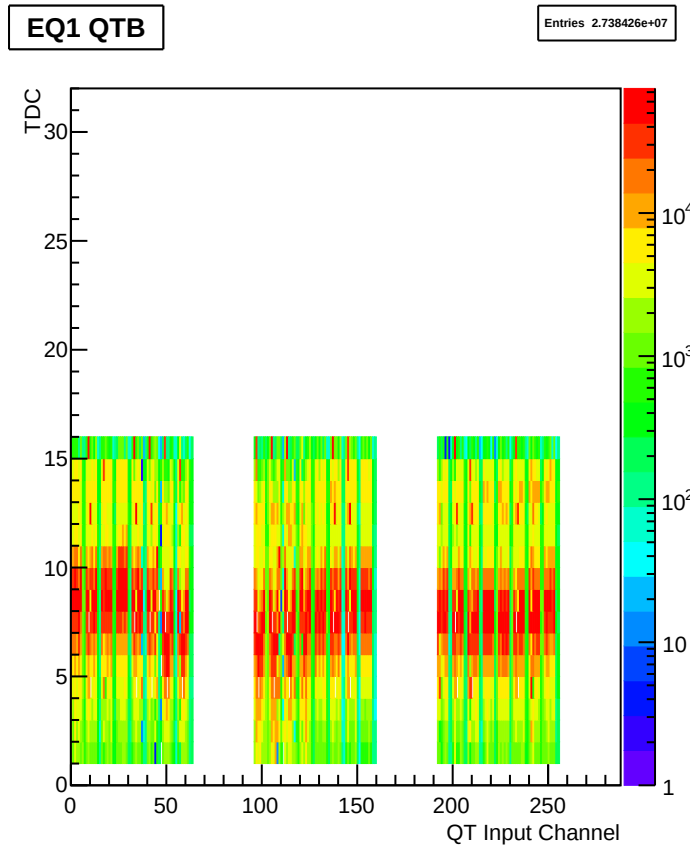

BBQ-VP001 East
Entries 4493968
ADC
QT Input Channel

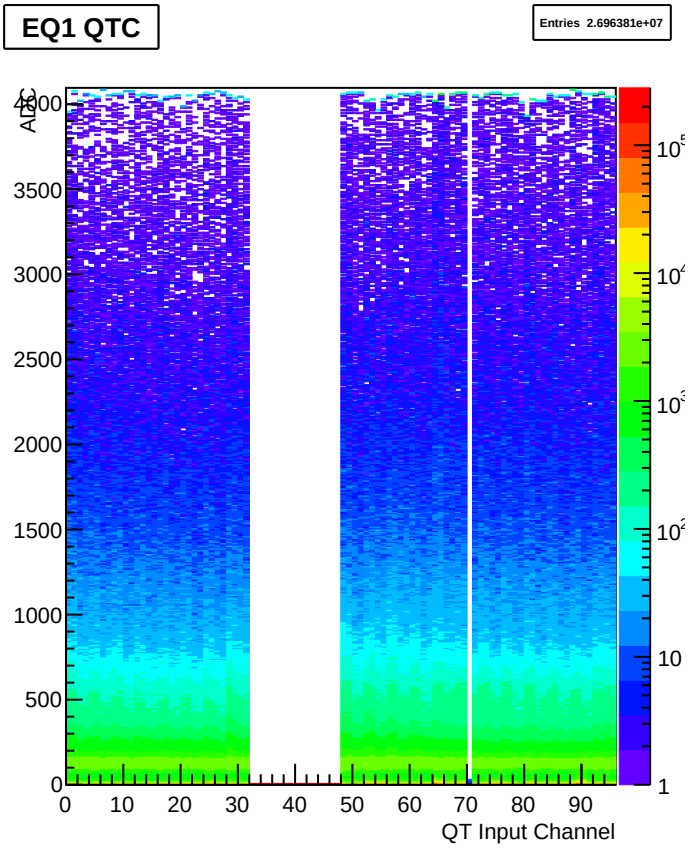

BBQ-VP001 East
Entries 4493968
TADC
QT Input Channel

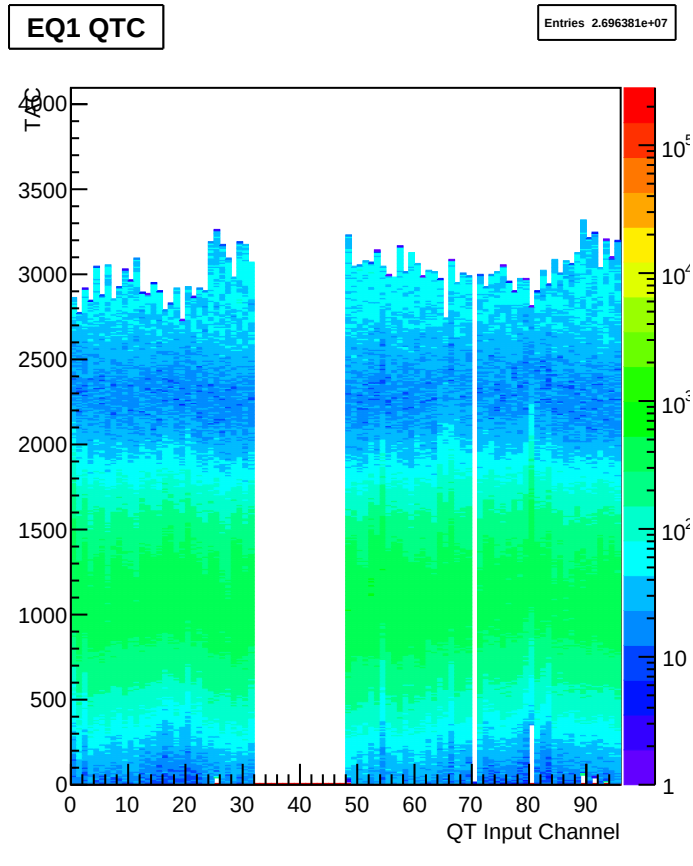

BBQ-VP002 West
Entries 4493968
ADC
QT Input Channel

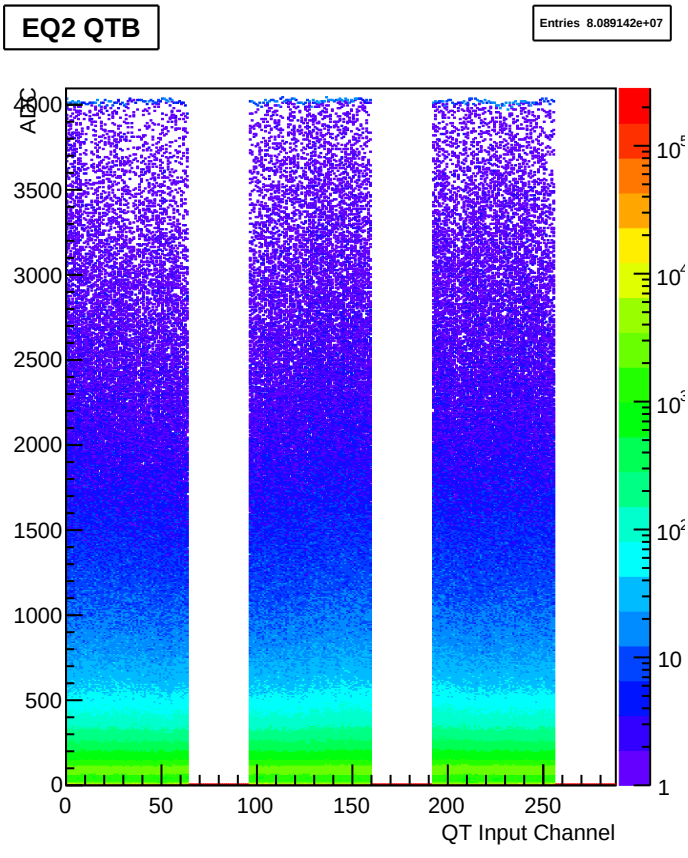

BBQ-VP002 West
Entries 4493968
TADC
QT Input Channel

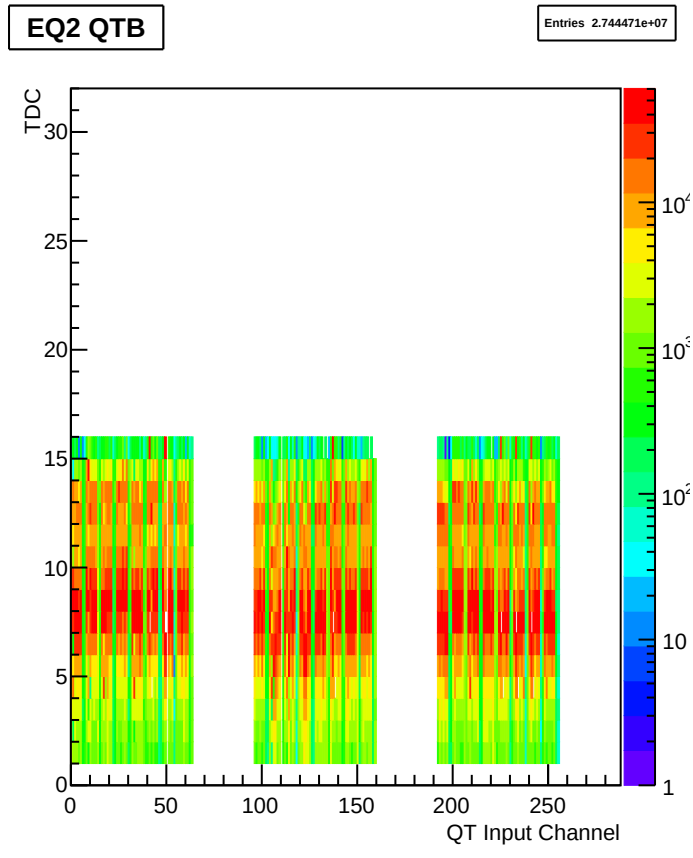

EQ1 QTB
Entries 8.089142e+07
ADC
QT Input Channel

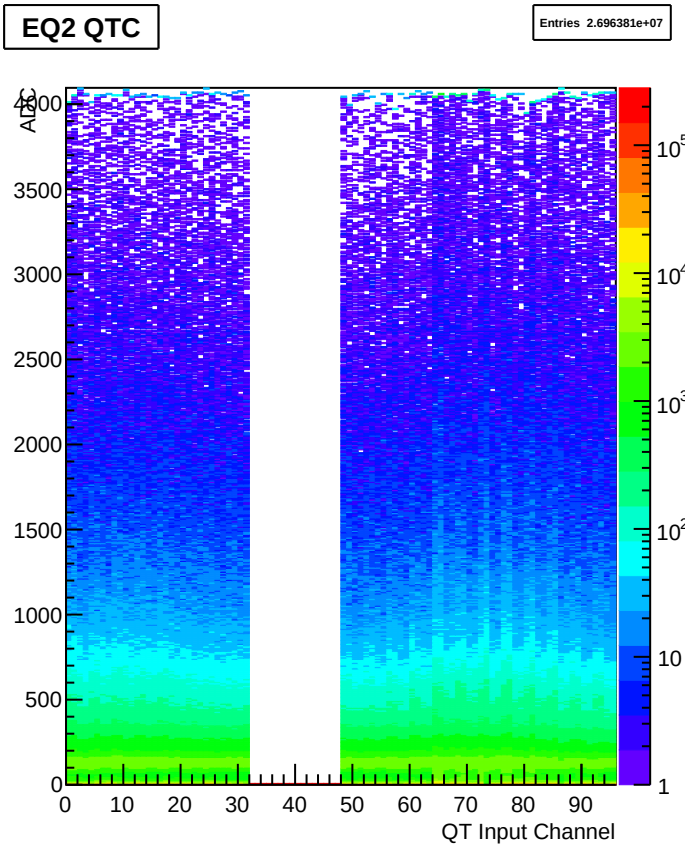

EQ1 QTB
Entries 2.738426e+07
TDC
QT Input Channel

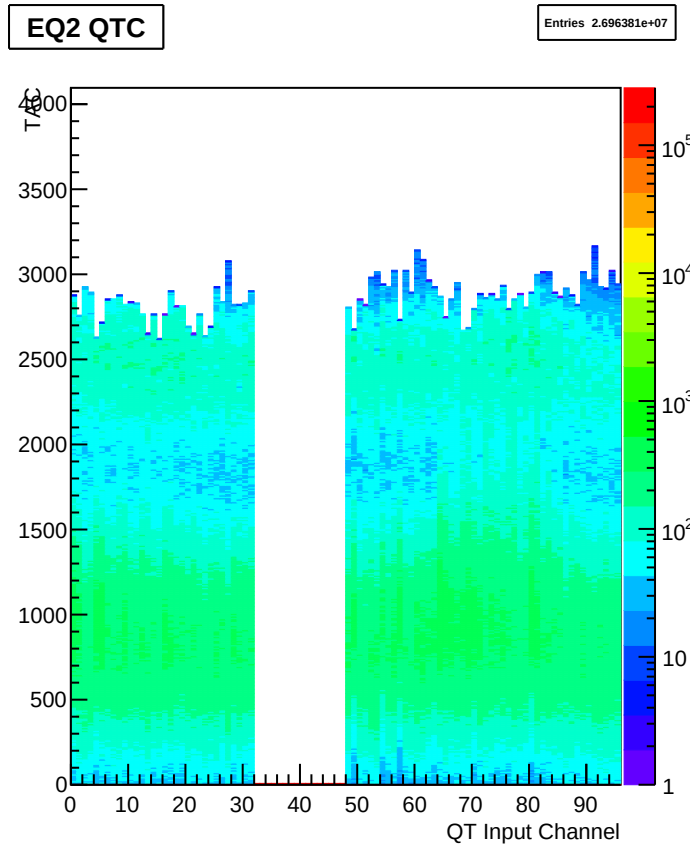

EQ1 QTC
Entries 2.696381e+07
ADC
QT Input Channel

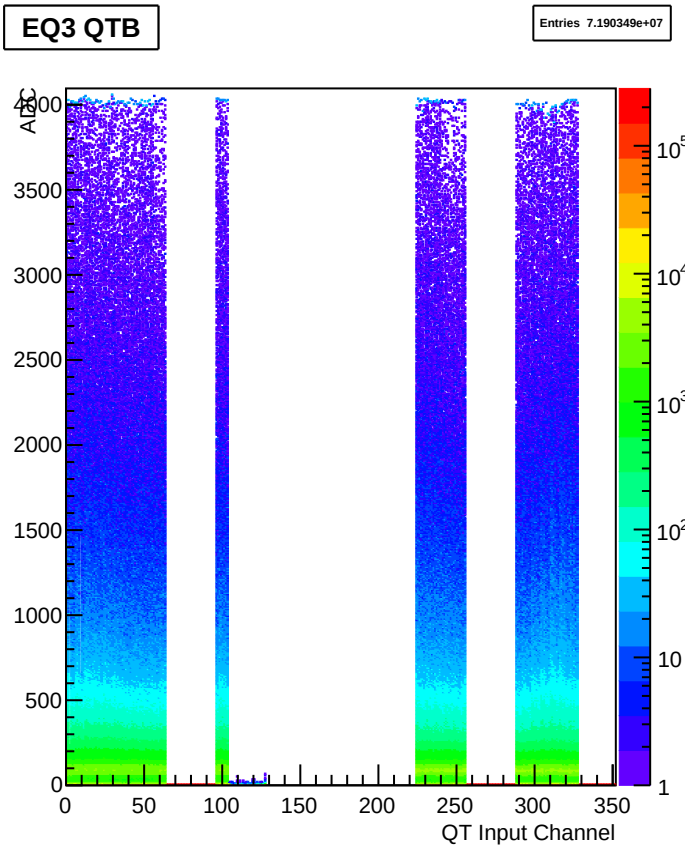

EQ1 QTC
Entries 2.696381e+07
TADC
QT Input Channel

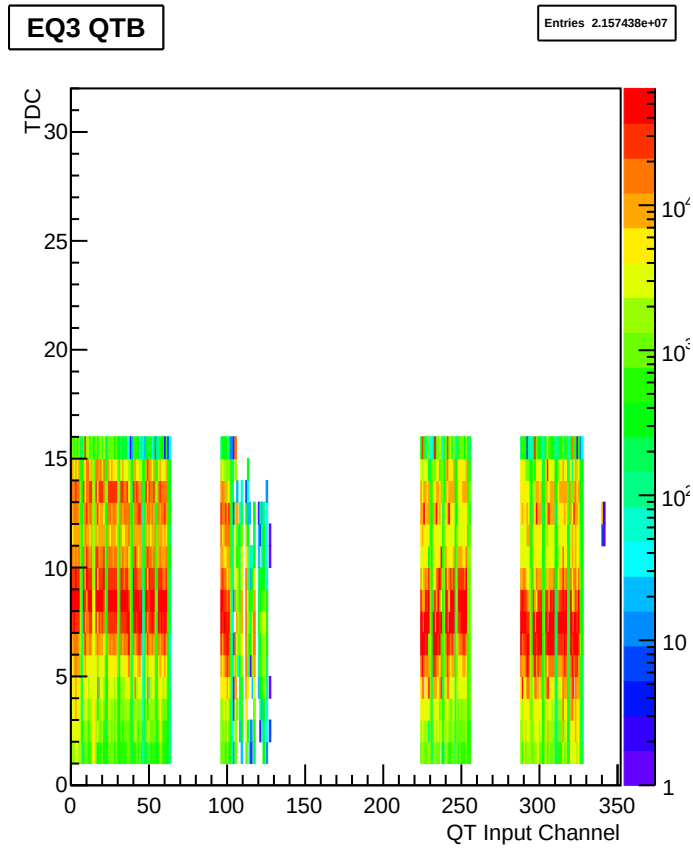

EQ2 QTB
Entries 8.089142e+07
ADC
QT Input Channel

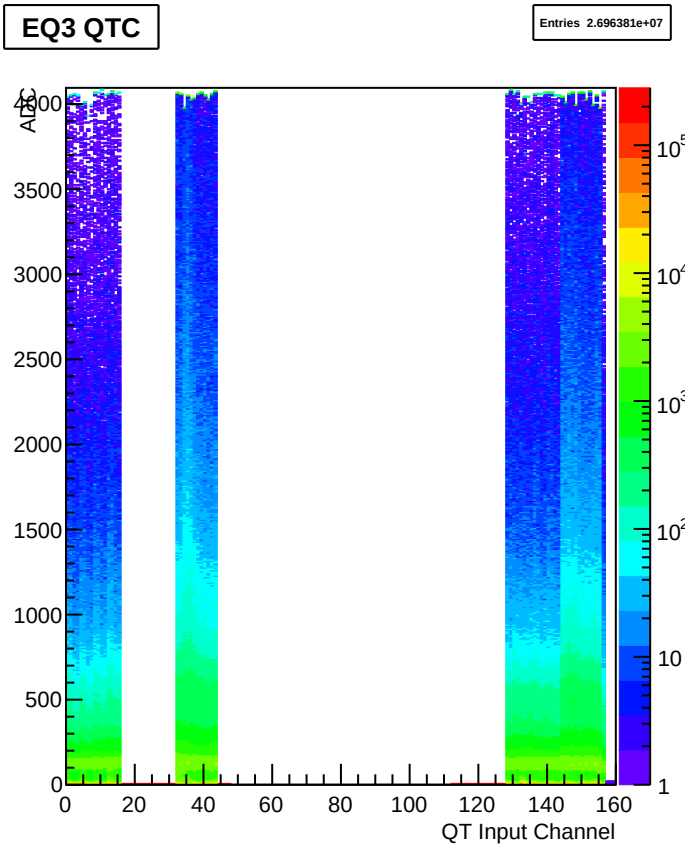

EQ2 QTB
Entries 2.744471e+07
TDC
QT Input Channel

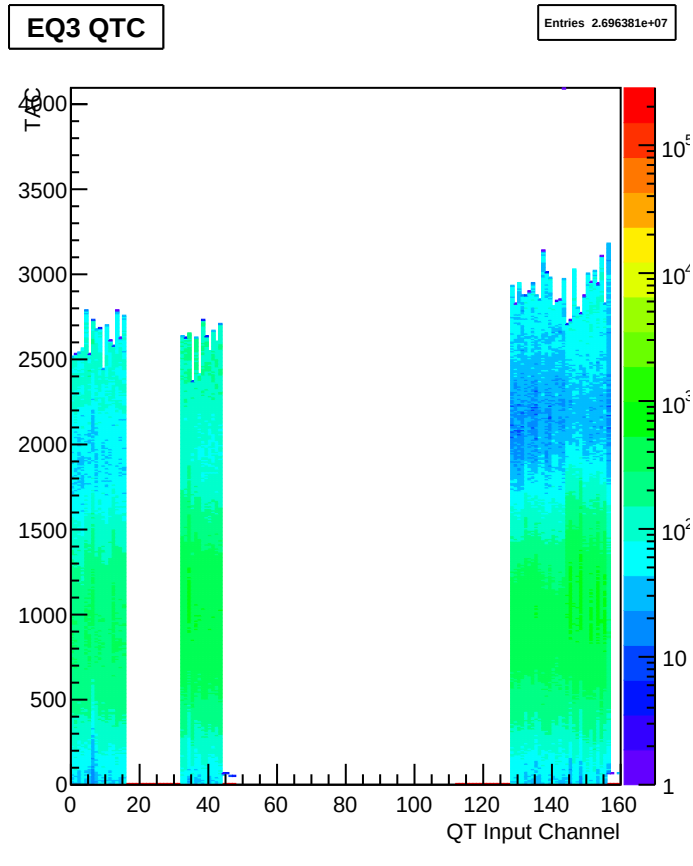

EQ2 QTC
Entries 2.696381e+07
ADC
QT Input Channel

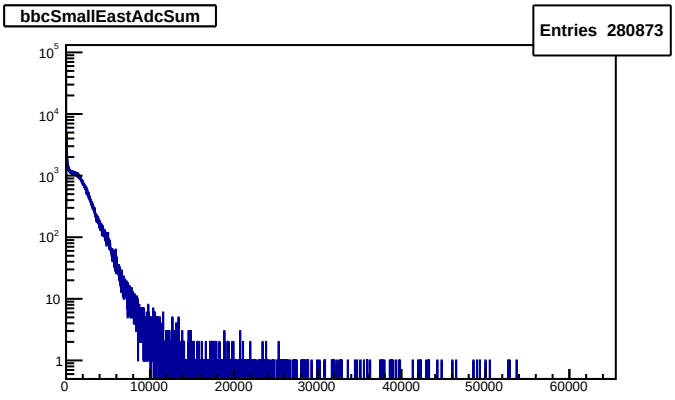

EQ2 QTC
Entries 2.696381e+07
TADC
QT Input Channel

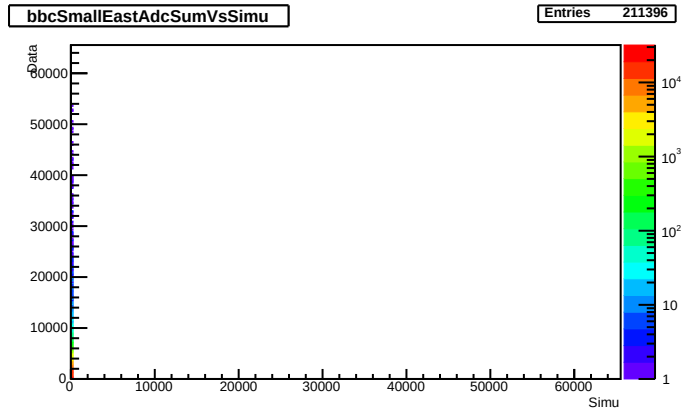

EQ3 QTB
Entries 7.190349e+07
ADC
QT Input Channel

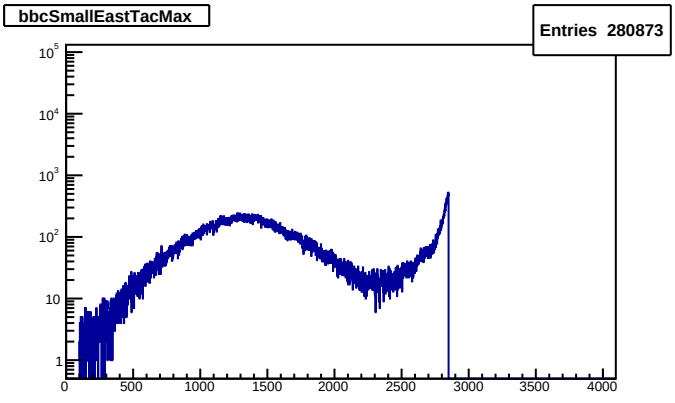

EQ3 QTB
Entries 2.157438e+07
TDC
QT Input Channel

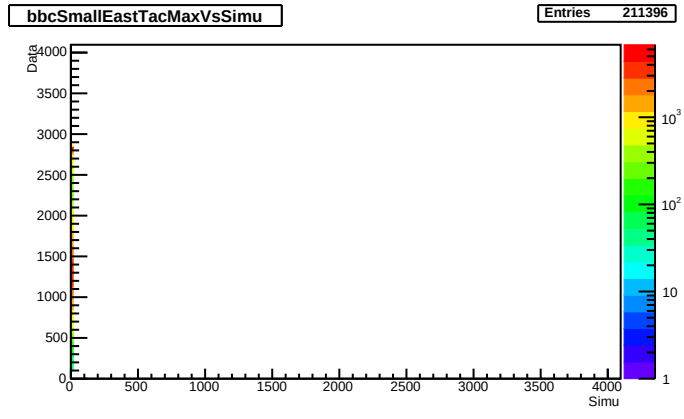

EQ3 QTC
Entries 2.696381e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.696381e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 280873


bbcSmallEastAdcSumVsSimu
Entries 211396
Data
Simu


bbcSmallEastTacMax
Entries 280873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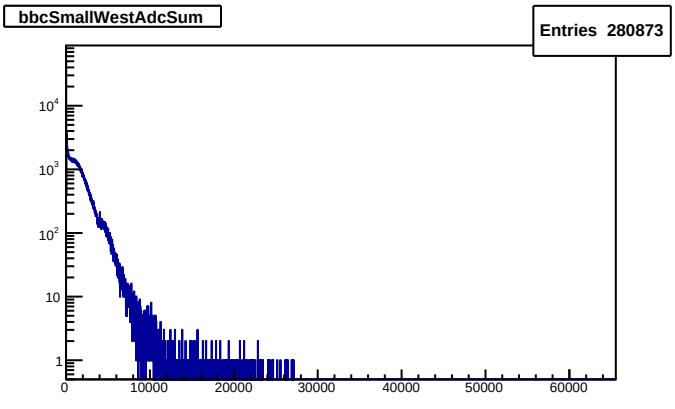
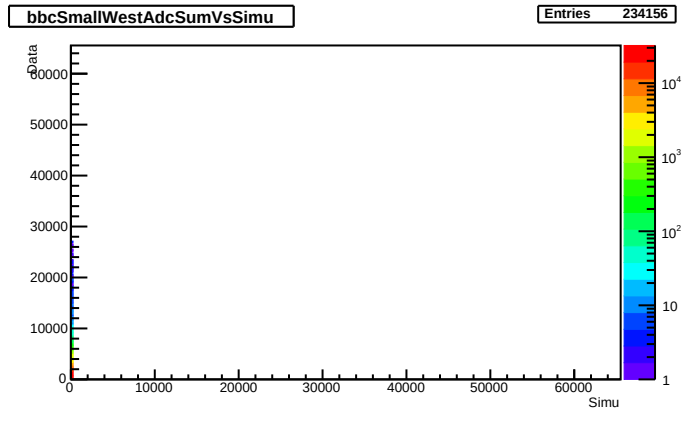
Entries 211396
Data
Simu


bbcSmallWestAdcSum
Entries 280873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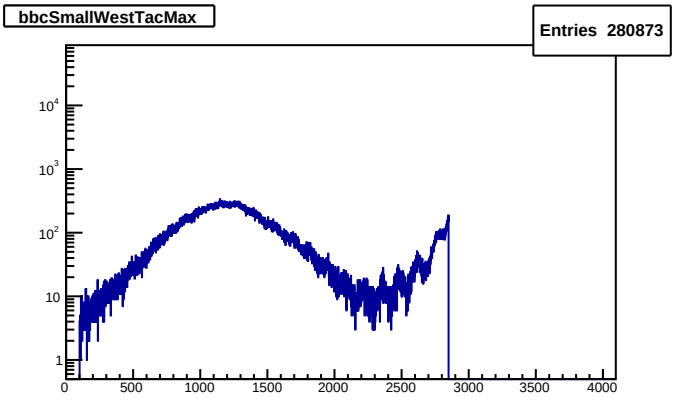
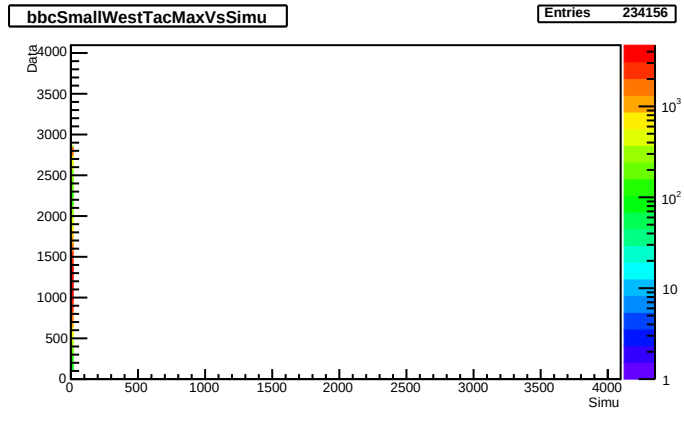
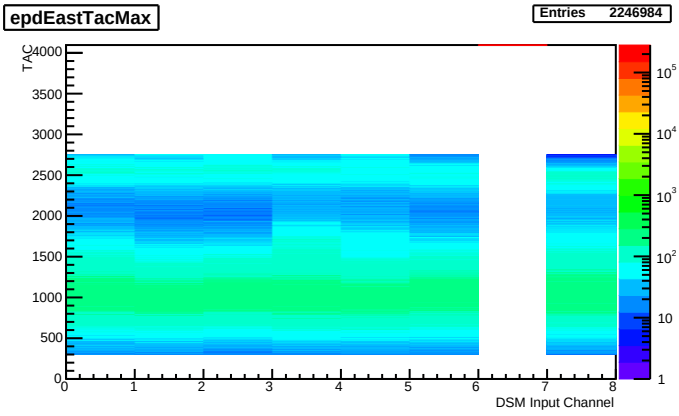
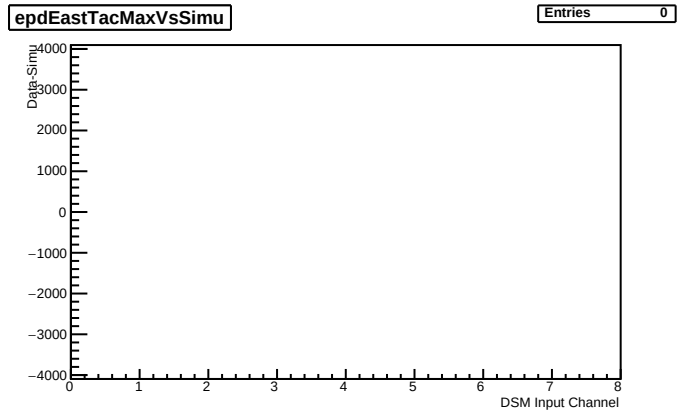
Entries 234156
Data
Simu


bbcSmallWestTacMax
Entries 280873


bbcSmallWestTacMaxVsSimu
Entries 234156
Data
Simu


epdEastTacMax
Entries 2246984
TAC
DSM Input Channel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Data-Simu
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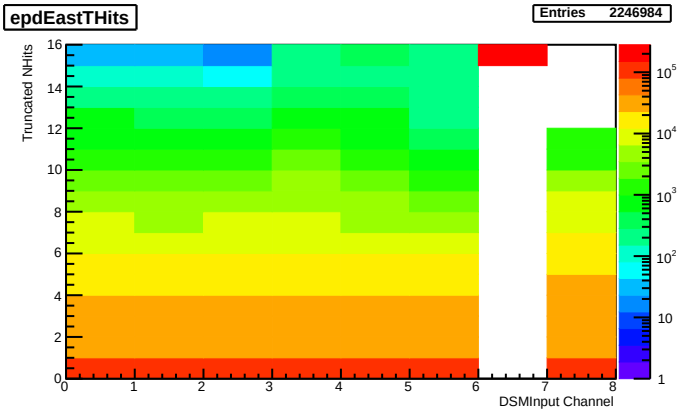
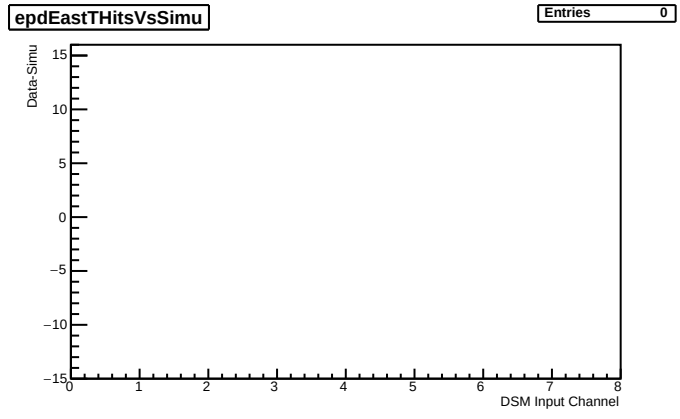

epdEastTHits
Entries 2246984
Truncated NHits
DSMInput Channel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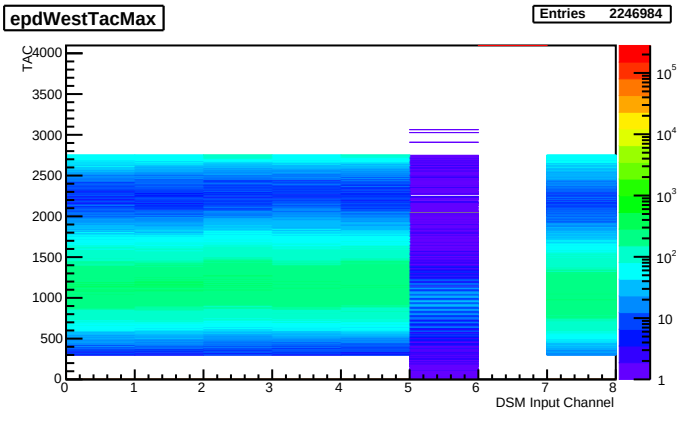
Data-Simu
DSM Input Channel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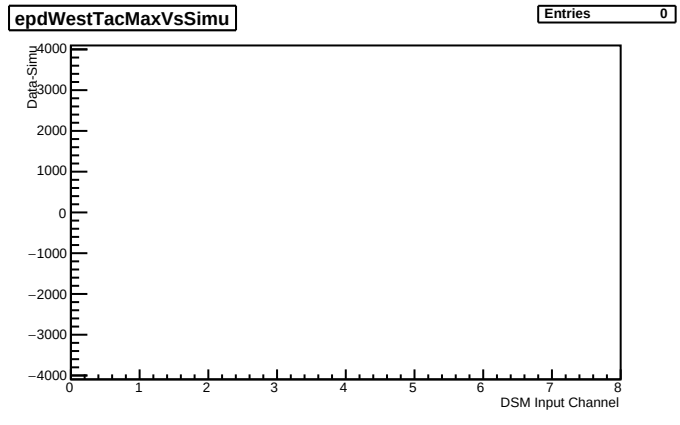
Entries 2246984
TAC
DSM Input Channel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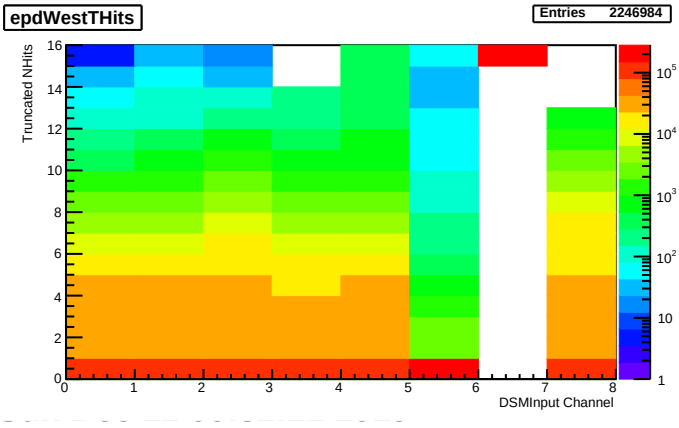
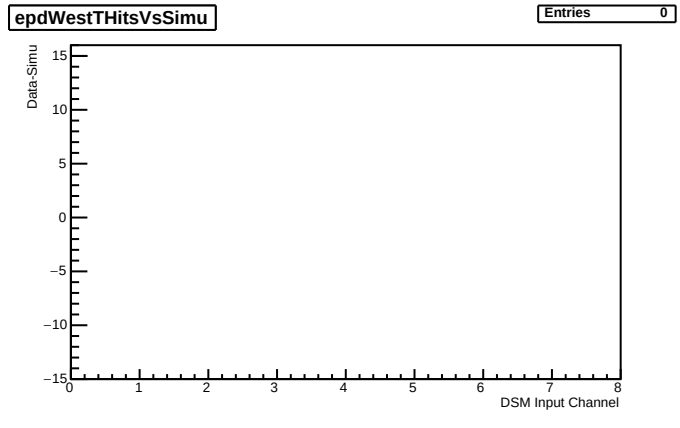
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2246984
Truncated NHits
DSMInput Channel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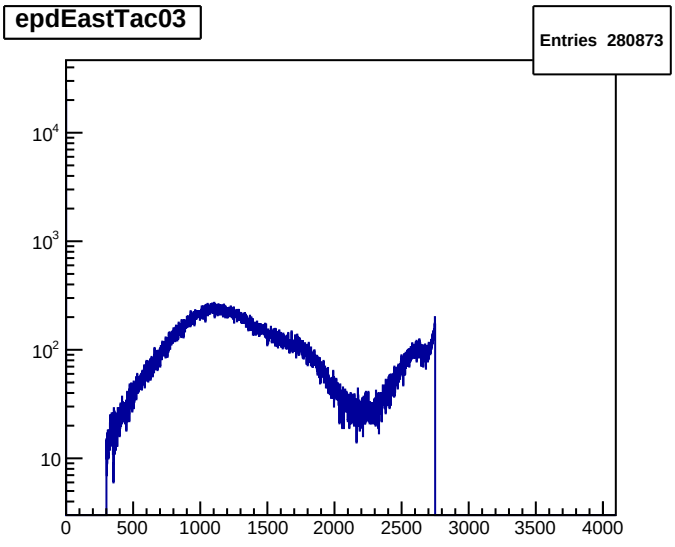
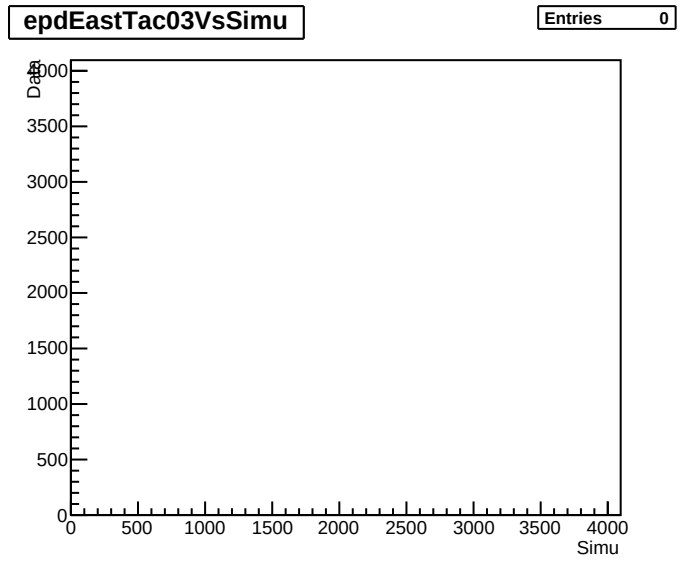
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 280873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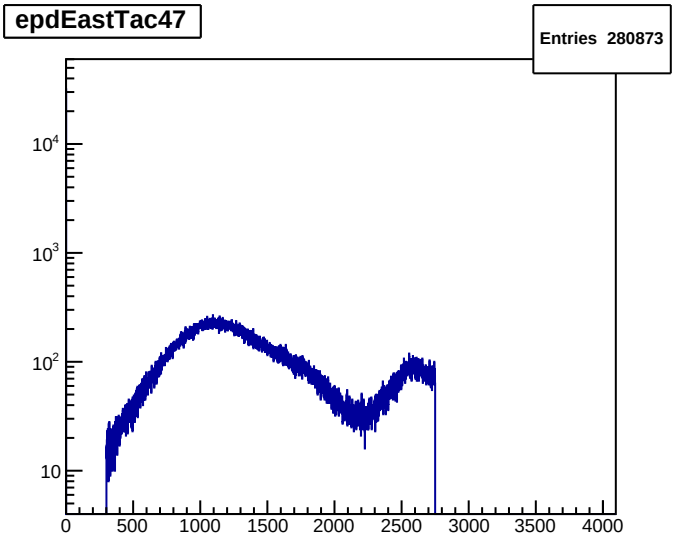
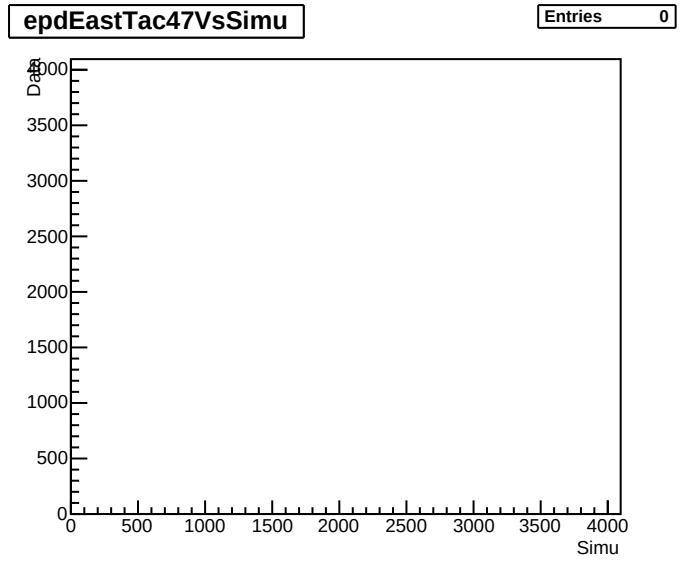
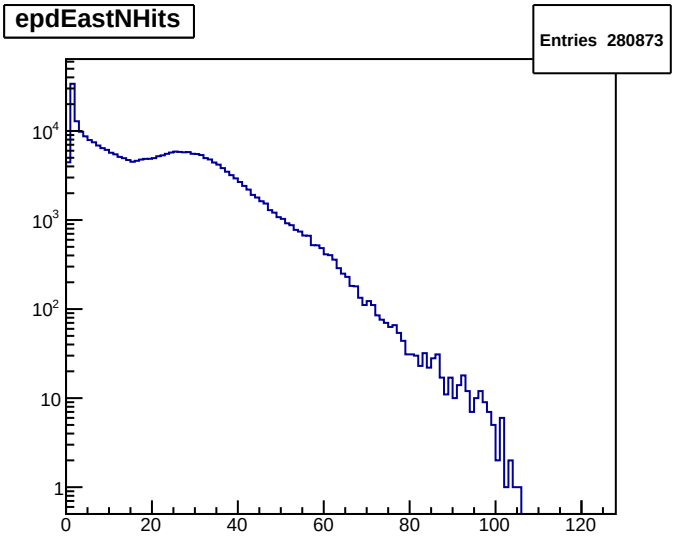
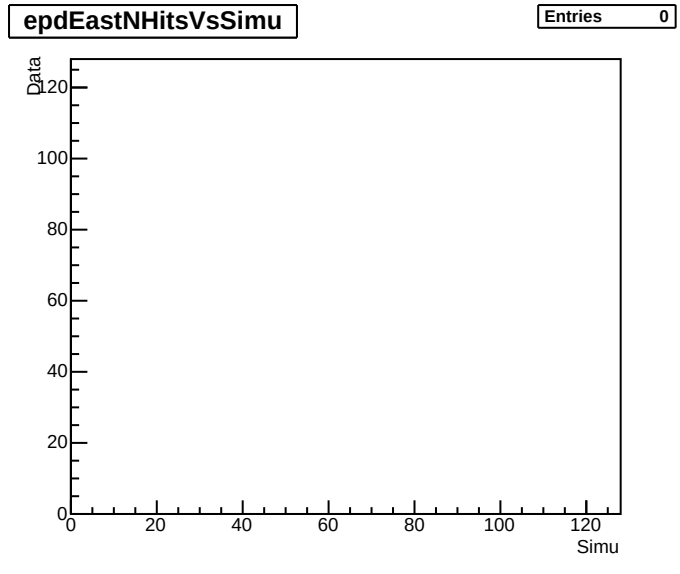
Entries 0
Data
Simu


epdEastTac47
Entries 280873


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 280873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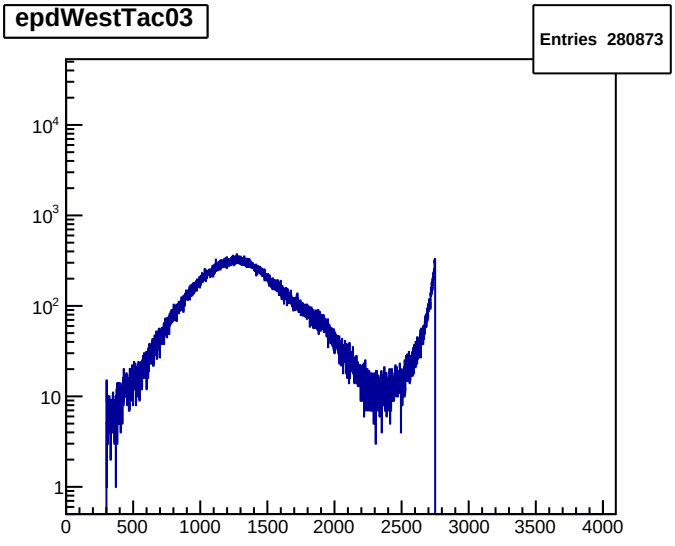
Entries 0
Data
Simu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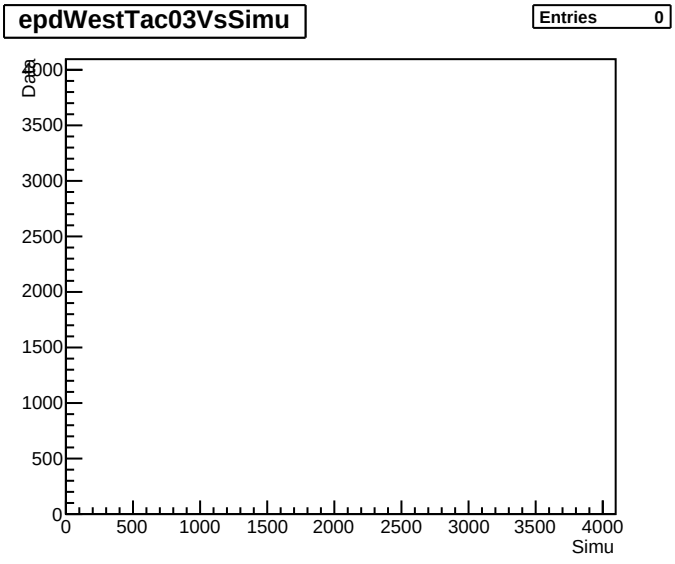
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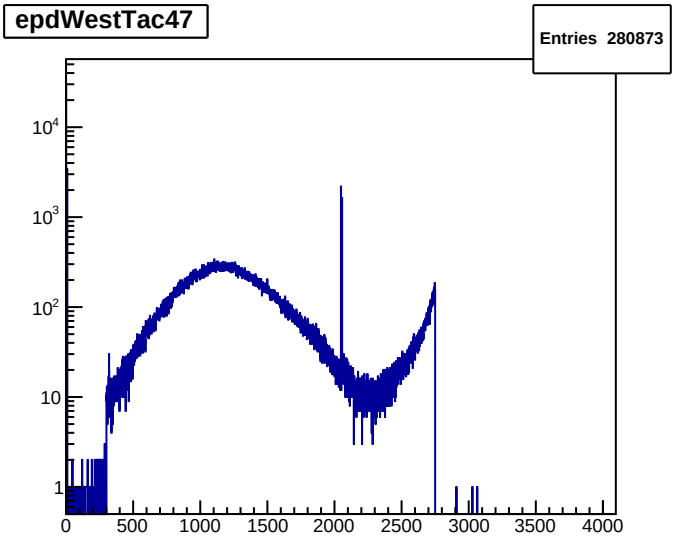
Entries 0
Data
Simu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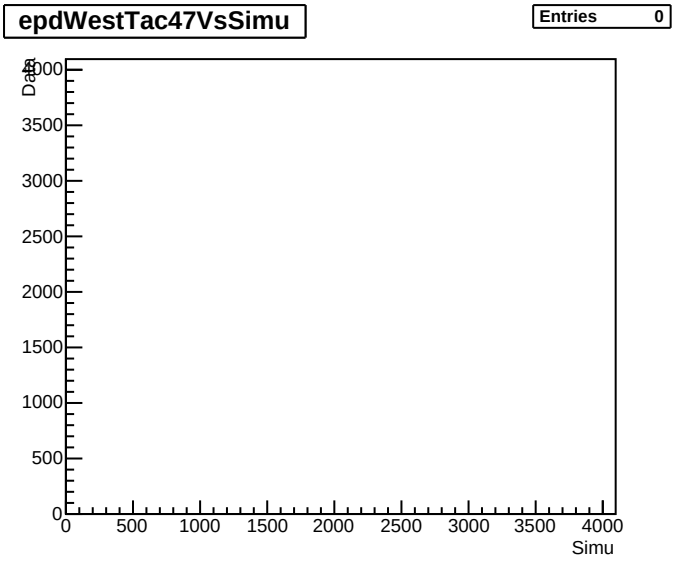
Entries 280873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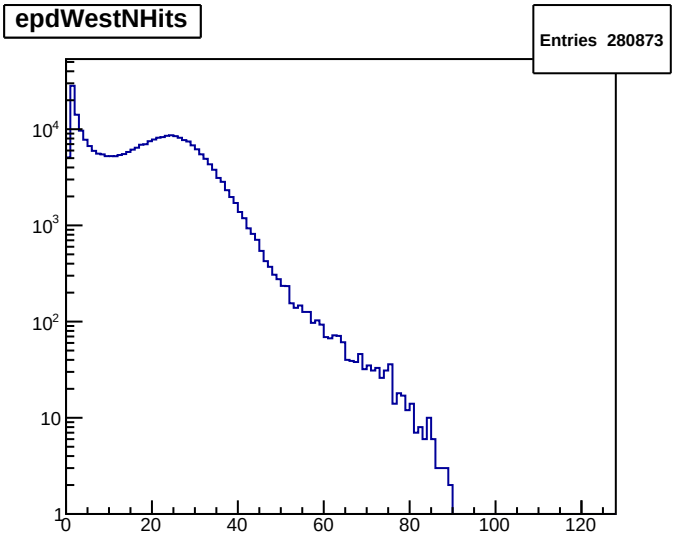
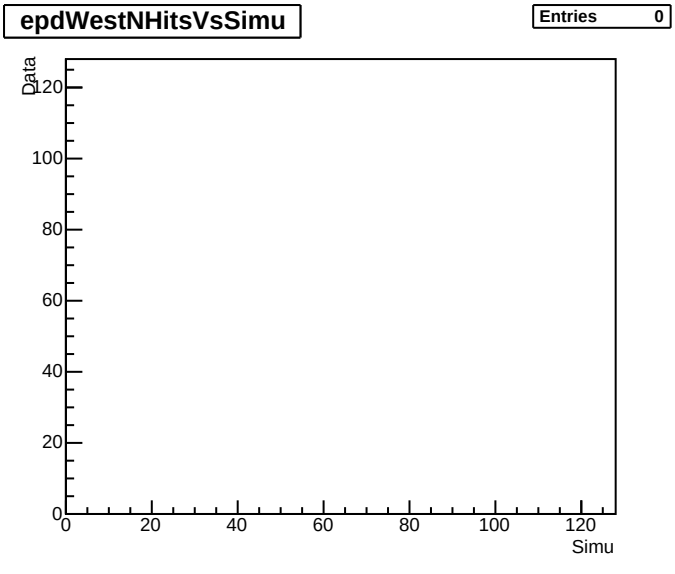
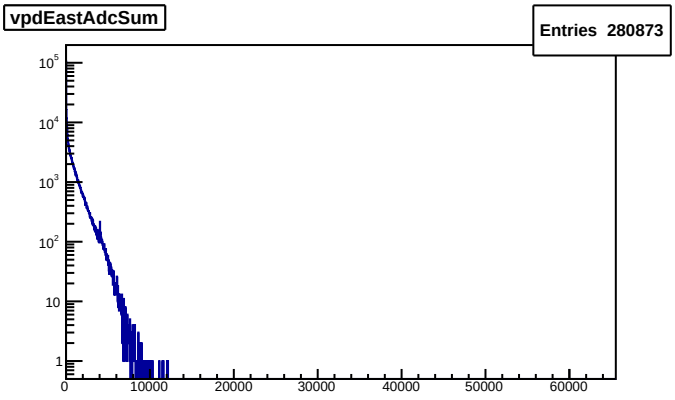
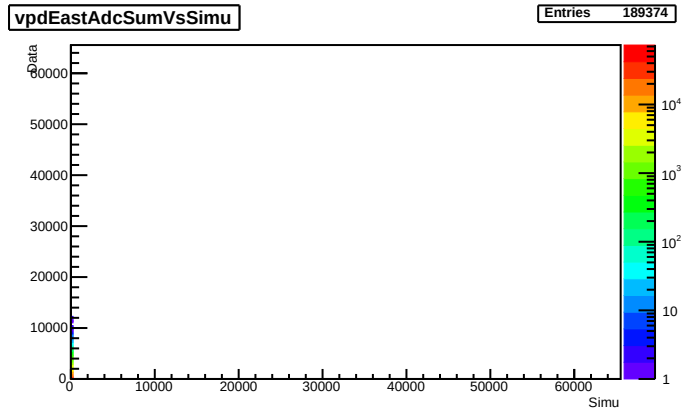
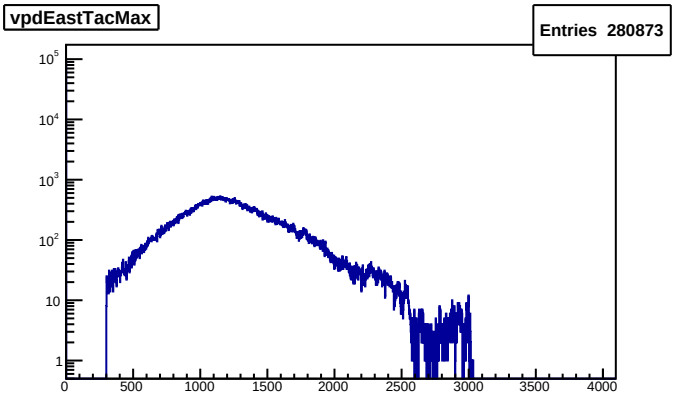
Entries 0
Data
Simu

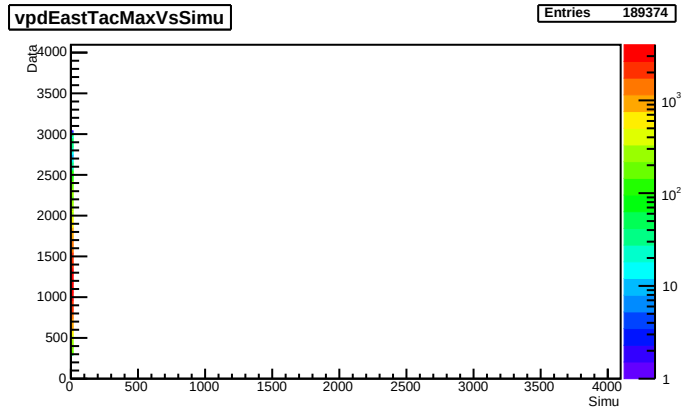

epdWestNHits
Entries 280873


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 280873


vpdEastAdcSumVsSimu
Entries 189374
Data
Simu


vpdEastTacMax
Entries 280873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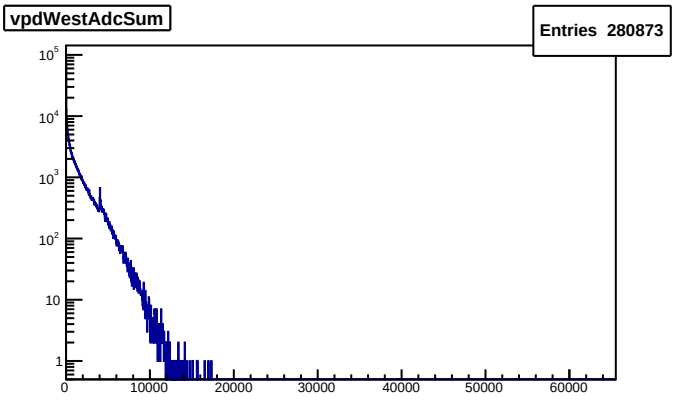
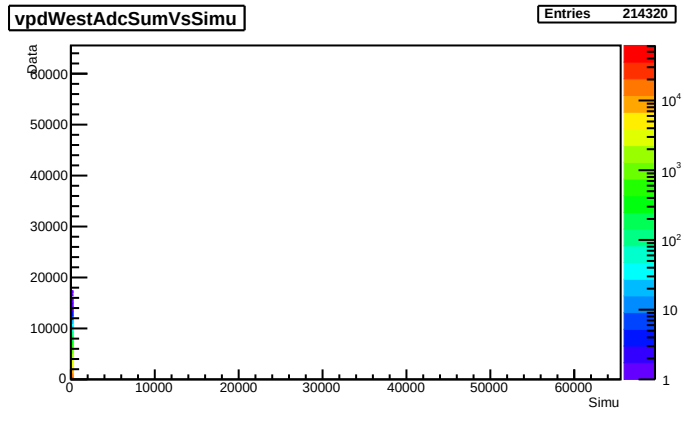
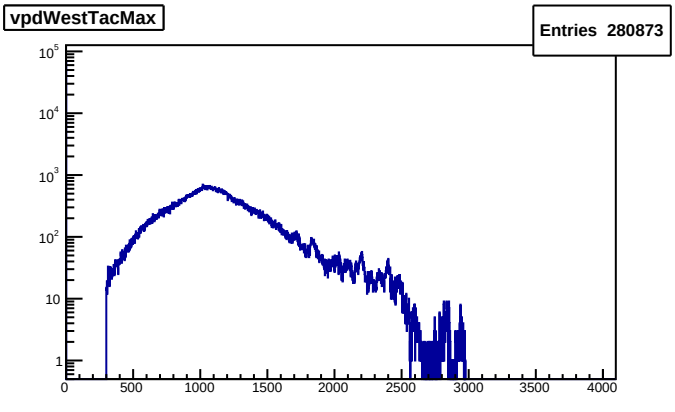
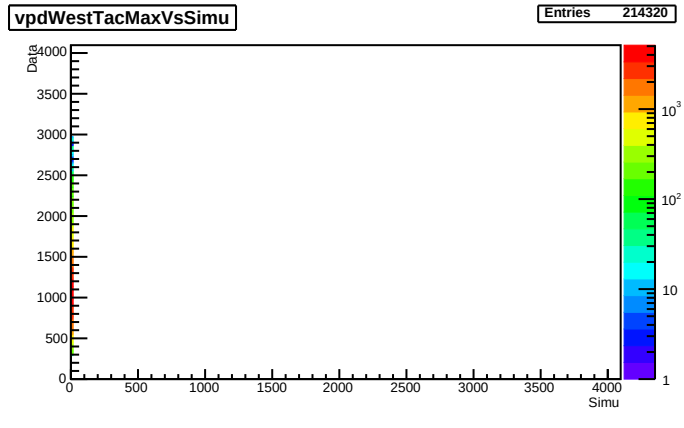
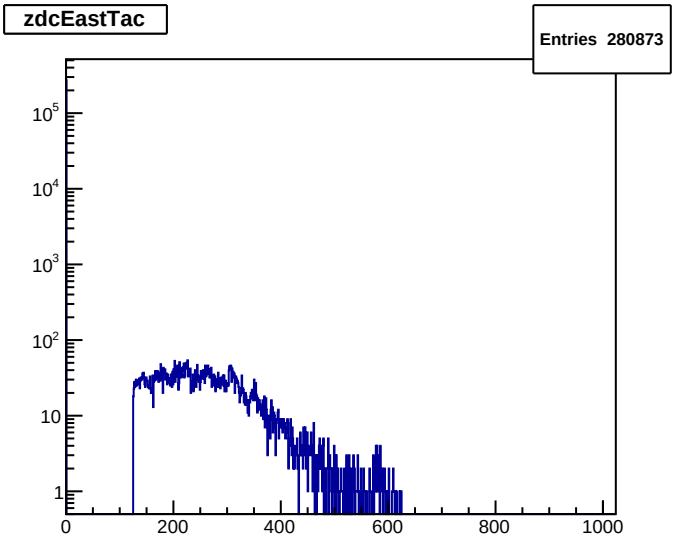
Entries 189374
Data
Simu

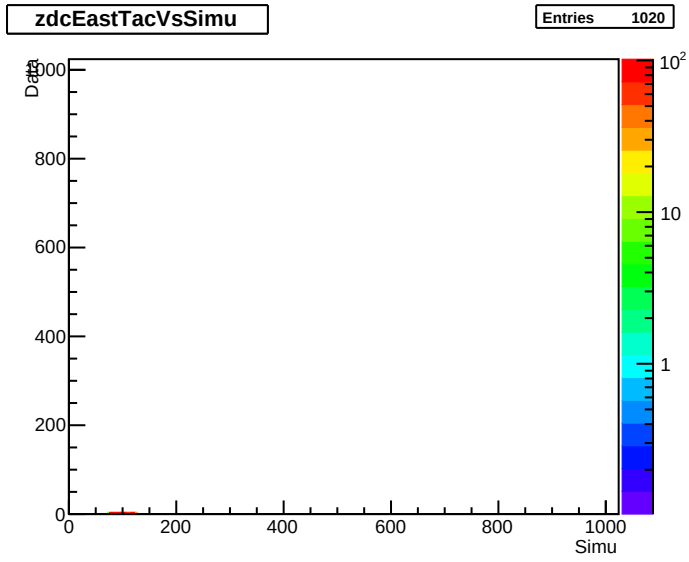

vpdWestAdcSum
Entries 280873

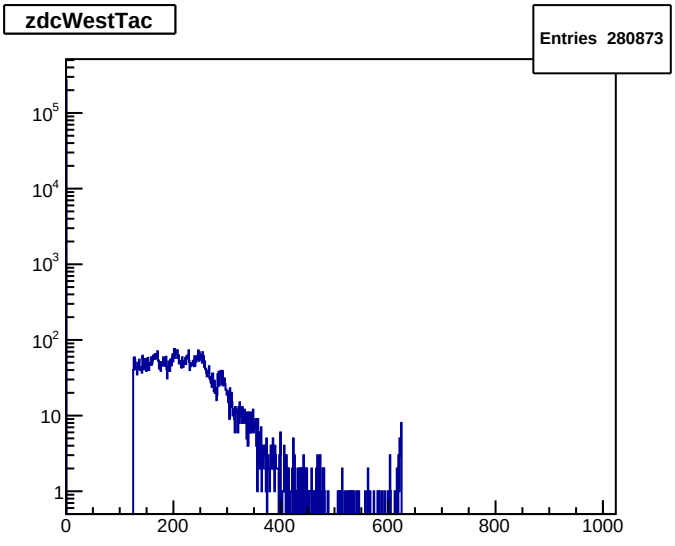

vpdWestAdcSumVsSimu
Entries 214320
Data
Simu

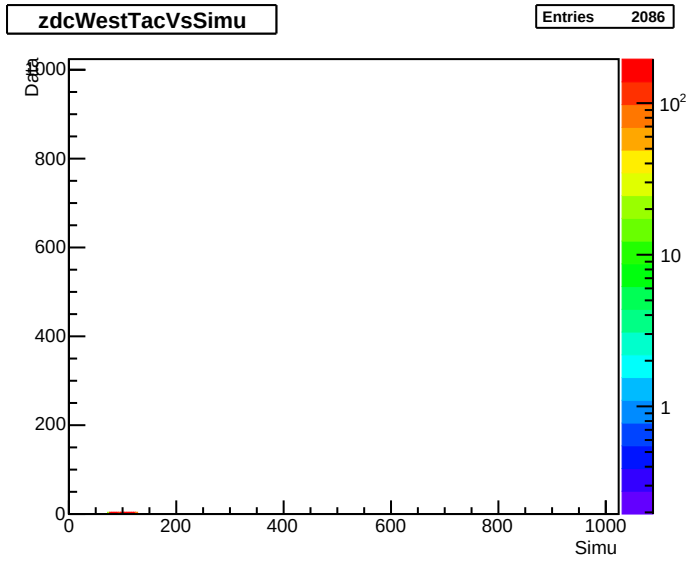

vpdWestTacMax
Entries 280873

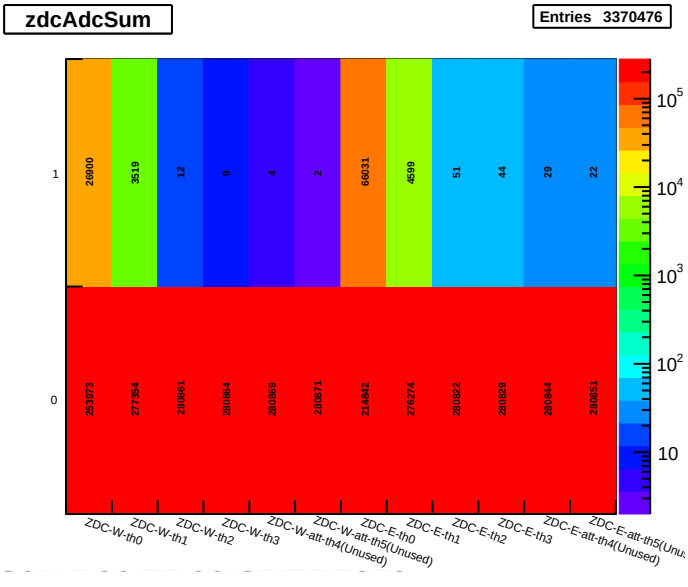

vpdWestTacMaxVsSimu
Entries 214320
Data
Simu

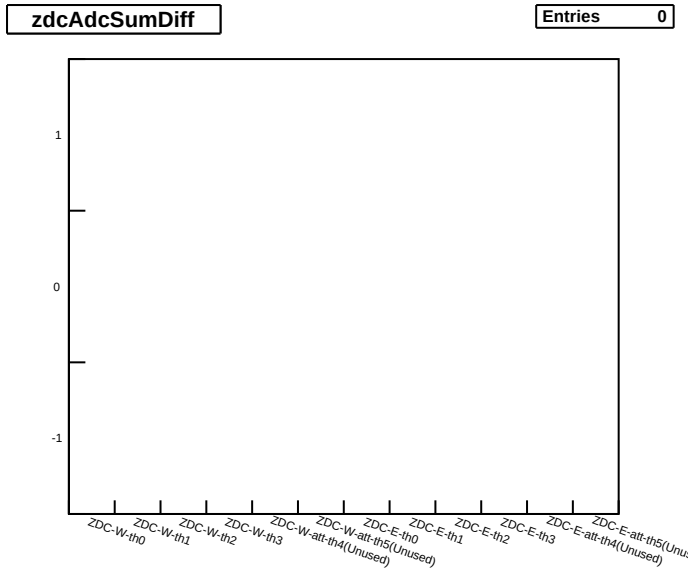

zdcEastTac
Entries 280873

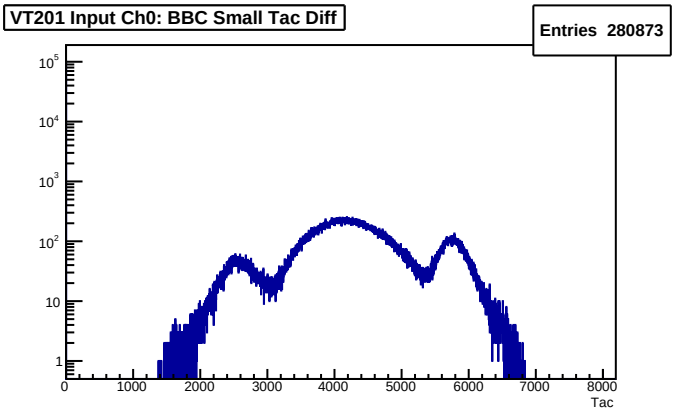

zdcEastTacVsSimu
Entries 1020
Data
Simu

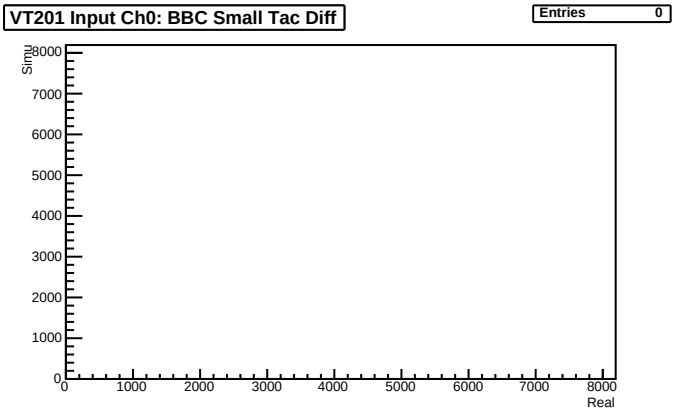

zdcWestTac
Entries 280873

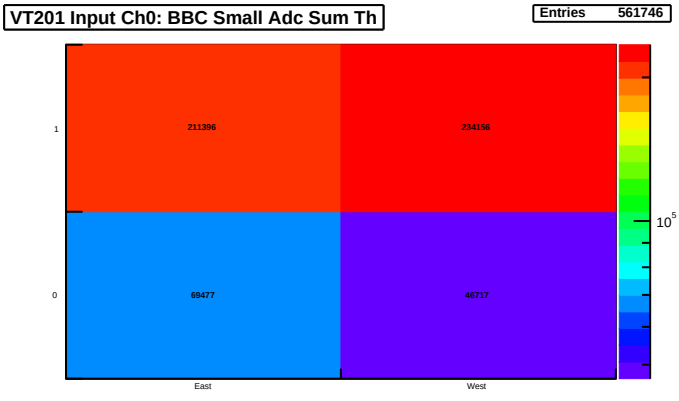

zdcWestTacVsSimu
Entries 2086
Data
Simu

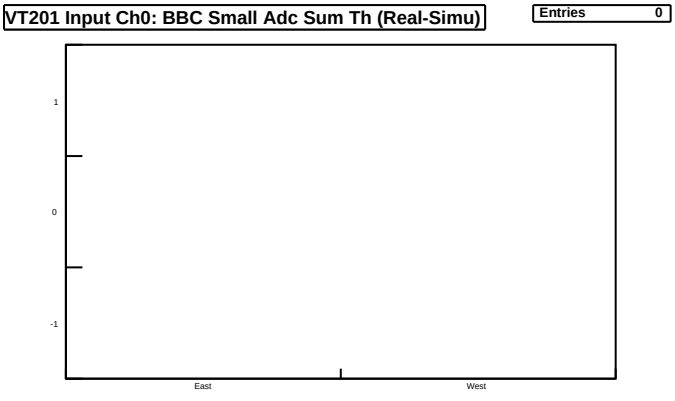

zdcAdcSum
Entries 3370476
26900
3519
12
9
4
2
66031
4599
51
44
29
22
253973
277354
280861
280864
280869
280871
214842
276274
280822
280829
280844
280851
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

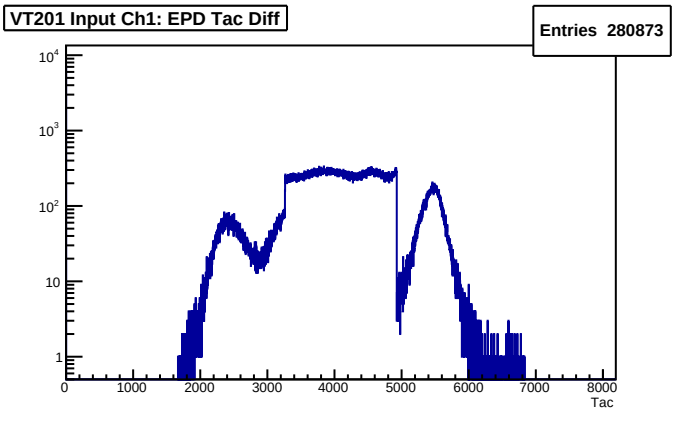

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

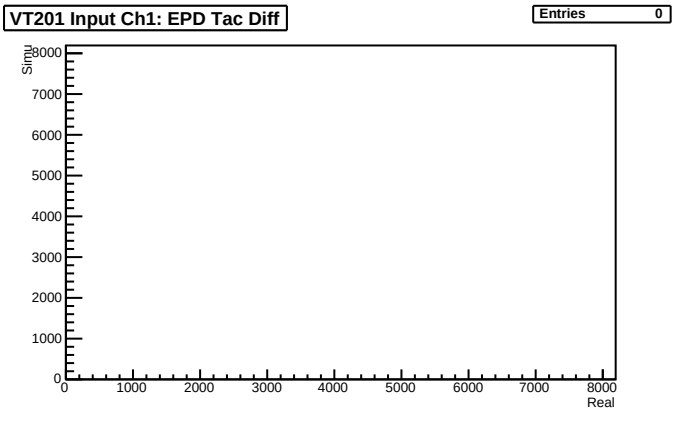

VT201 Input Ch0: BBC Small Tac Diff
Entries 280873
Tac

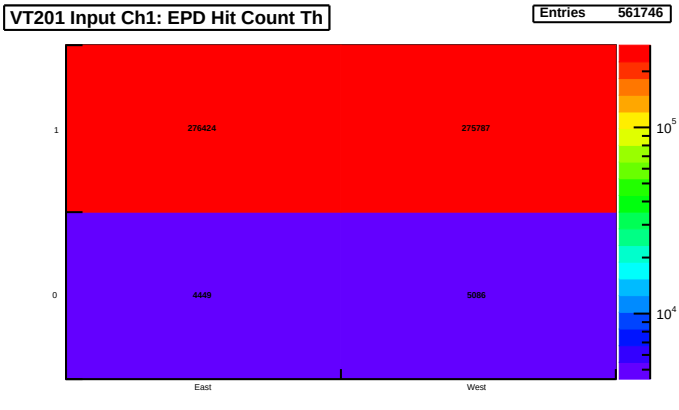

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

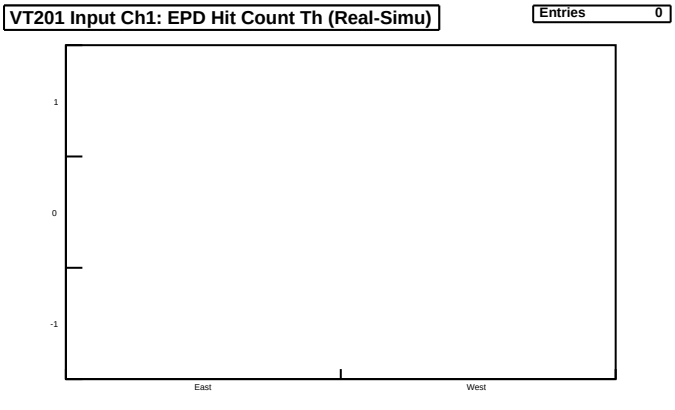

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 561746
211396
234156
69477
46717
East
West

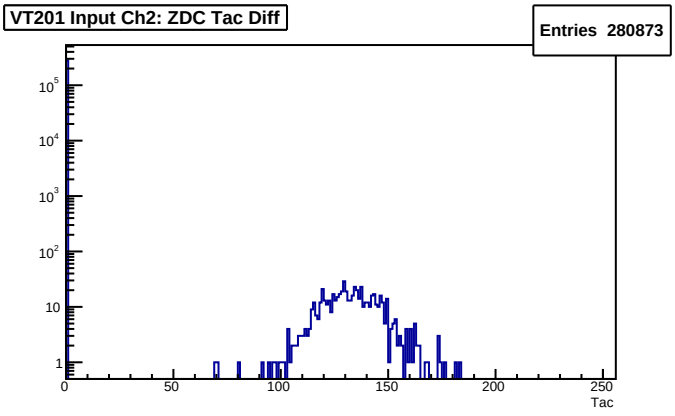

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

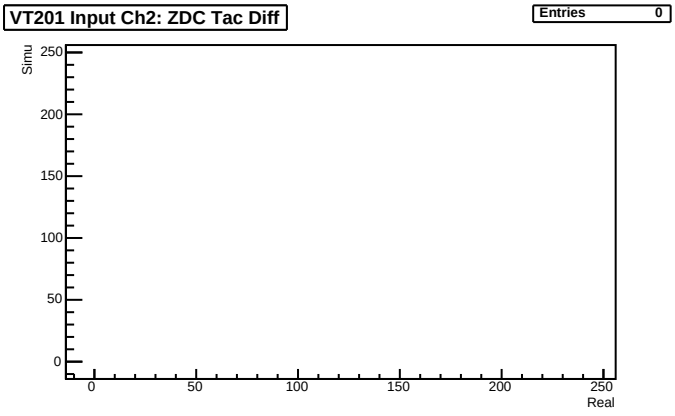

VT201 Input Ch1: EPD Tac Diff
Entries 280873
Tac

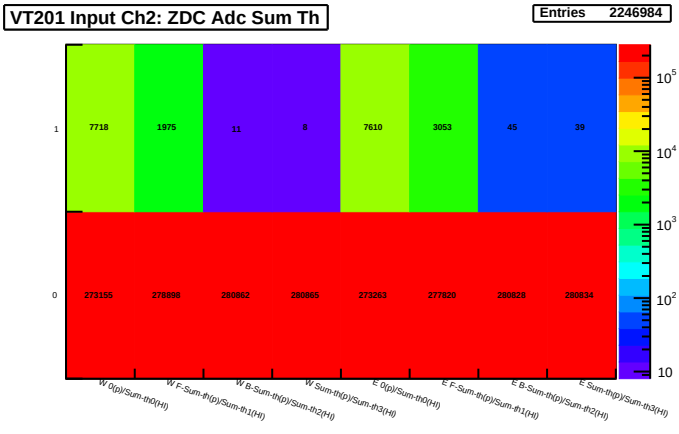

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

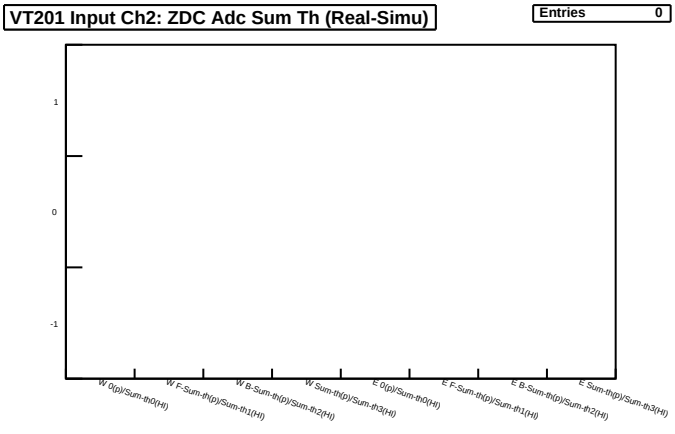

VT201 Input Ch1: EPD Hit Count Th
Entries 561746
276424
275787
4449
5086
East
West

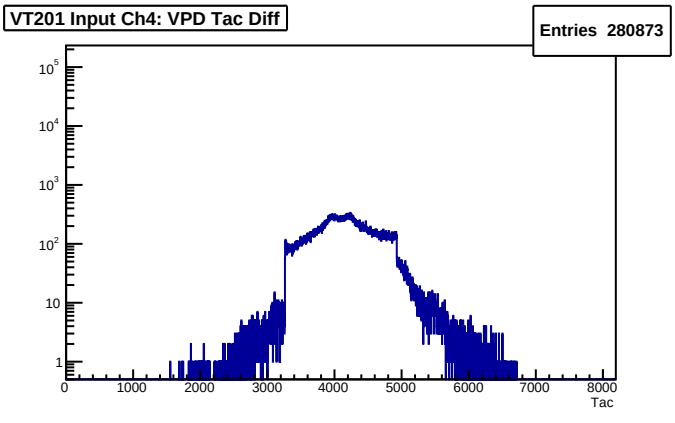

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

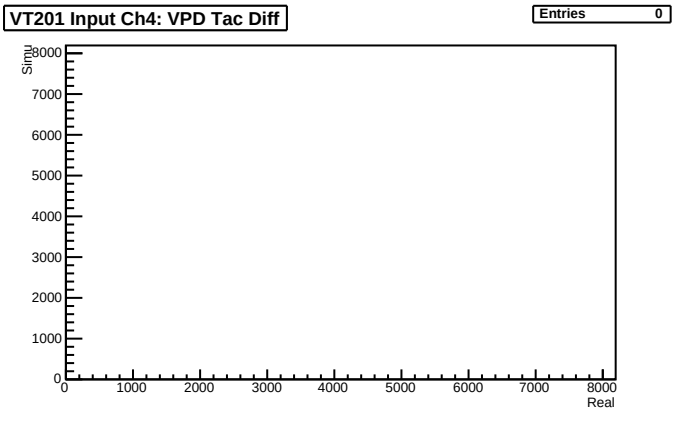

VT201 Input Ch2: ZDC Tac Diff
Entries 280873
Tac

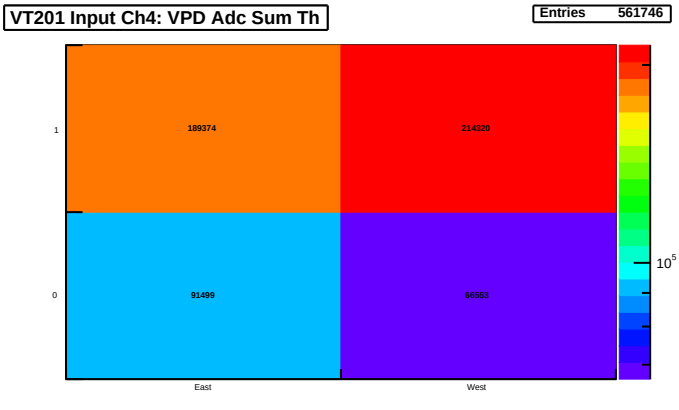

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

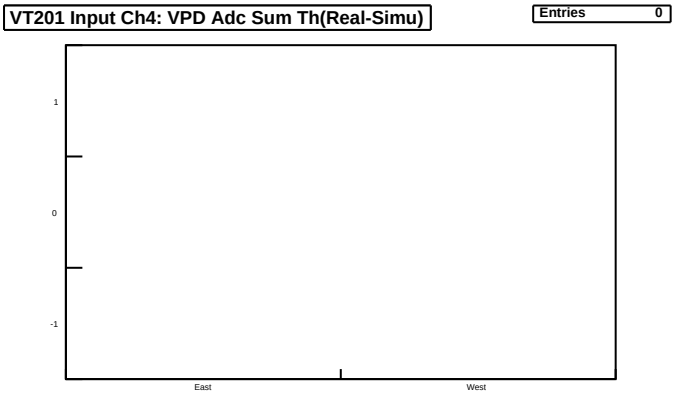

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2246984
7718
1975
11
8
7610
3053
45
39
273155
278898
280862
280865
273263
277620
280828
280834
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

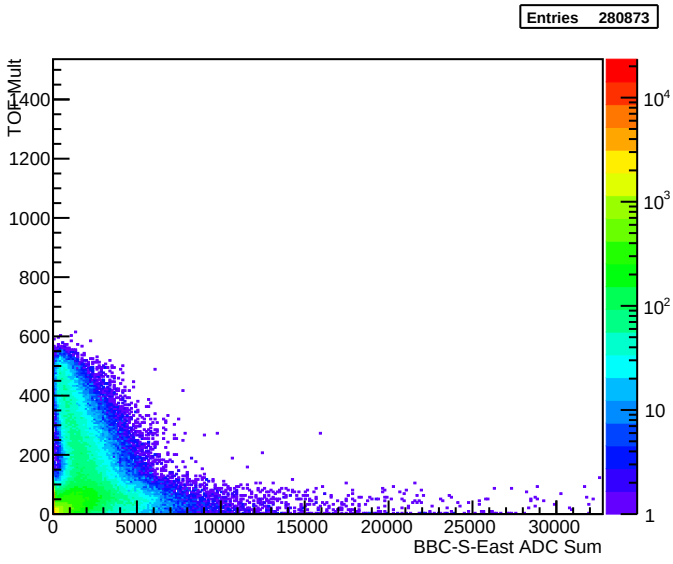

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

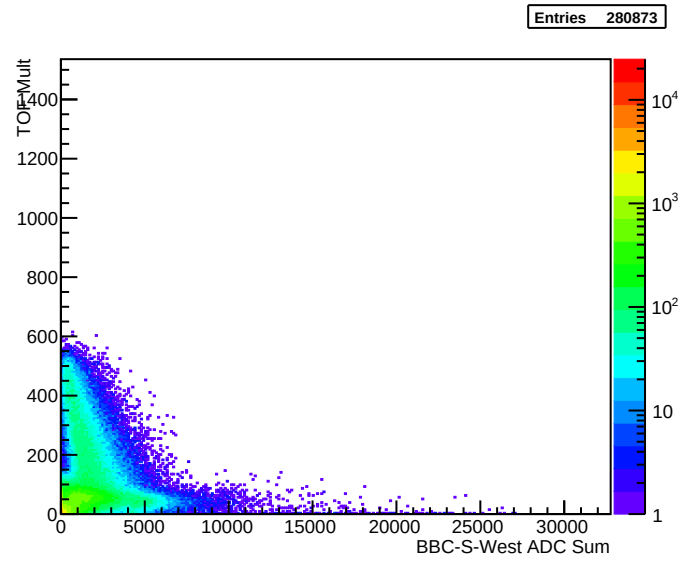

VT201 Input Ch4: VPD Tac Diff
Entries 280873
Tac

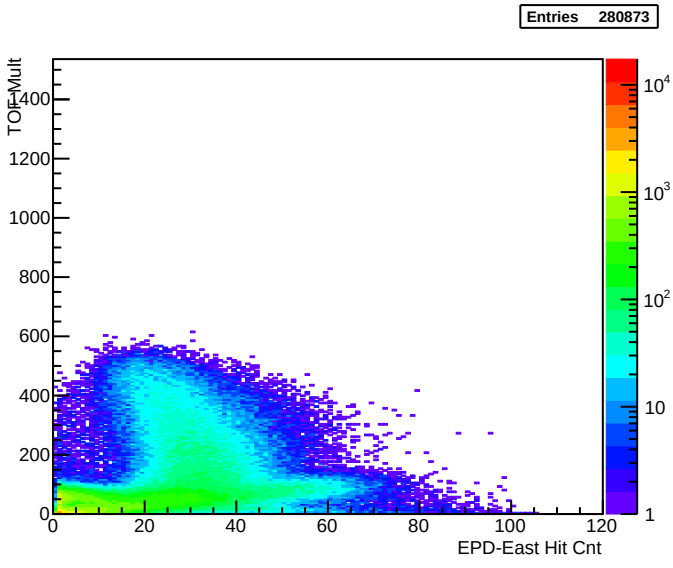

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

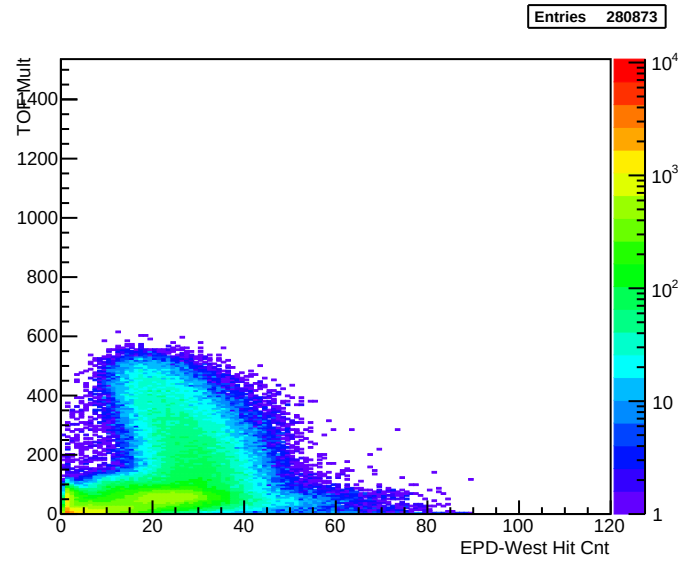

VT201 Input Ch4: VPD Adc Sum Th
Entries 561746
189374
214320
91499
66553
East
West

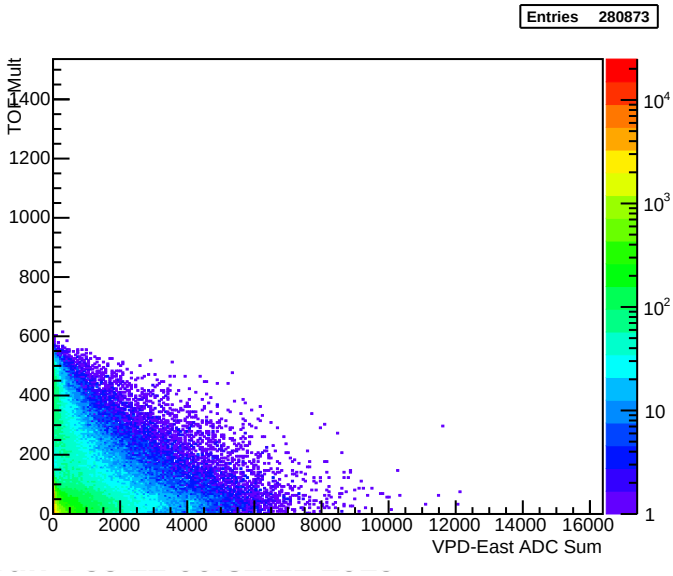

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

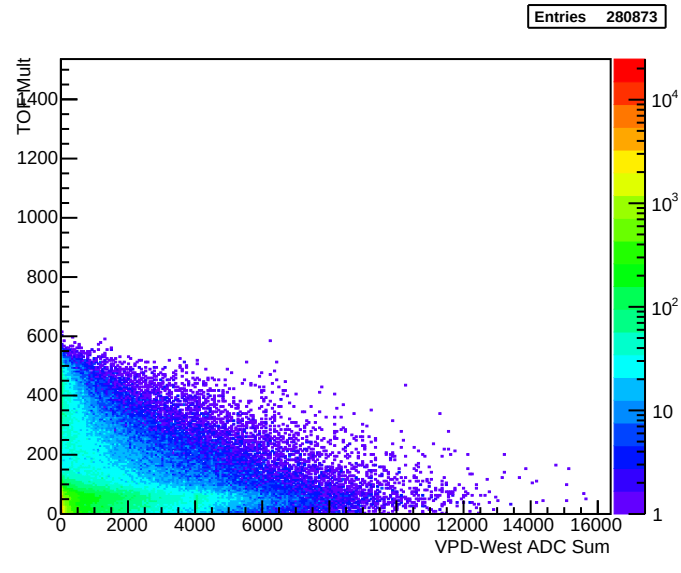

Entries 280873
TOF-Mult
BBC-S-East ADC Sum

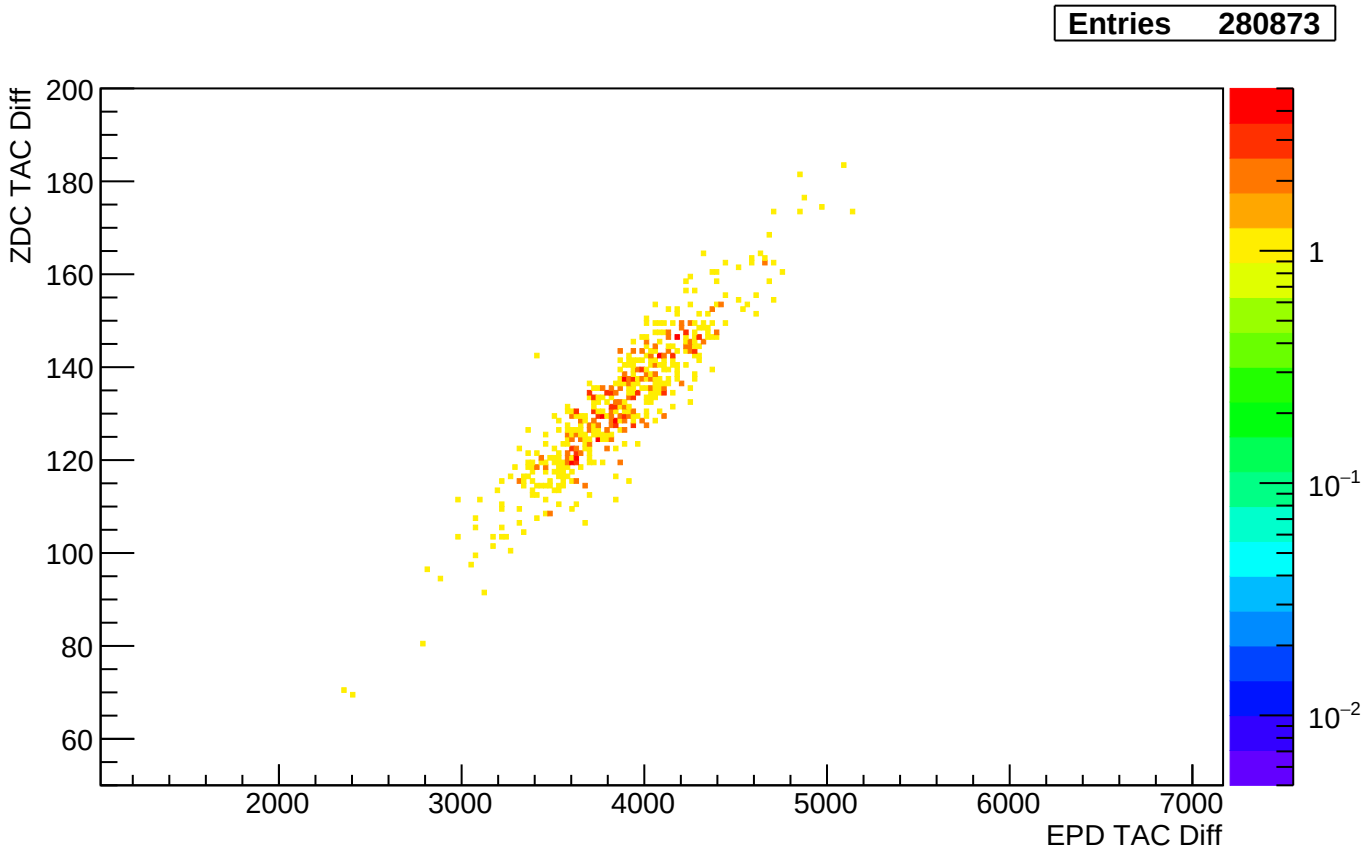

Entries 280873
TOF-Mult
BBC-S-West ADC Sum

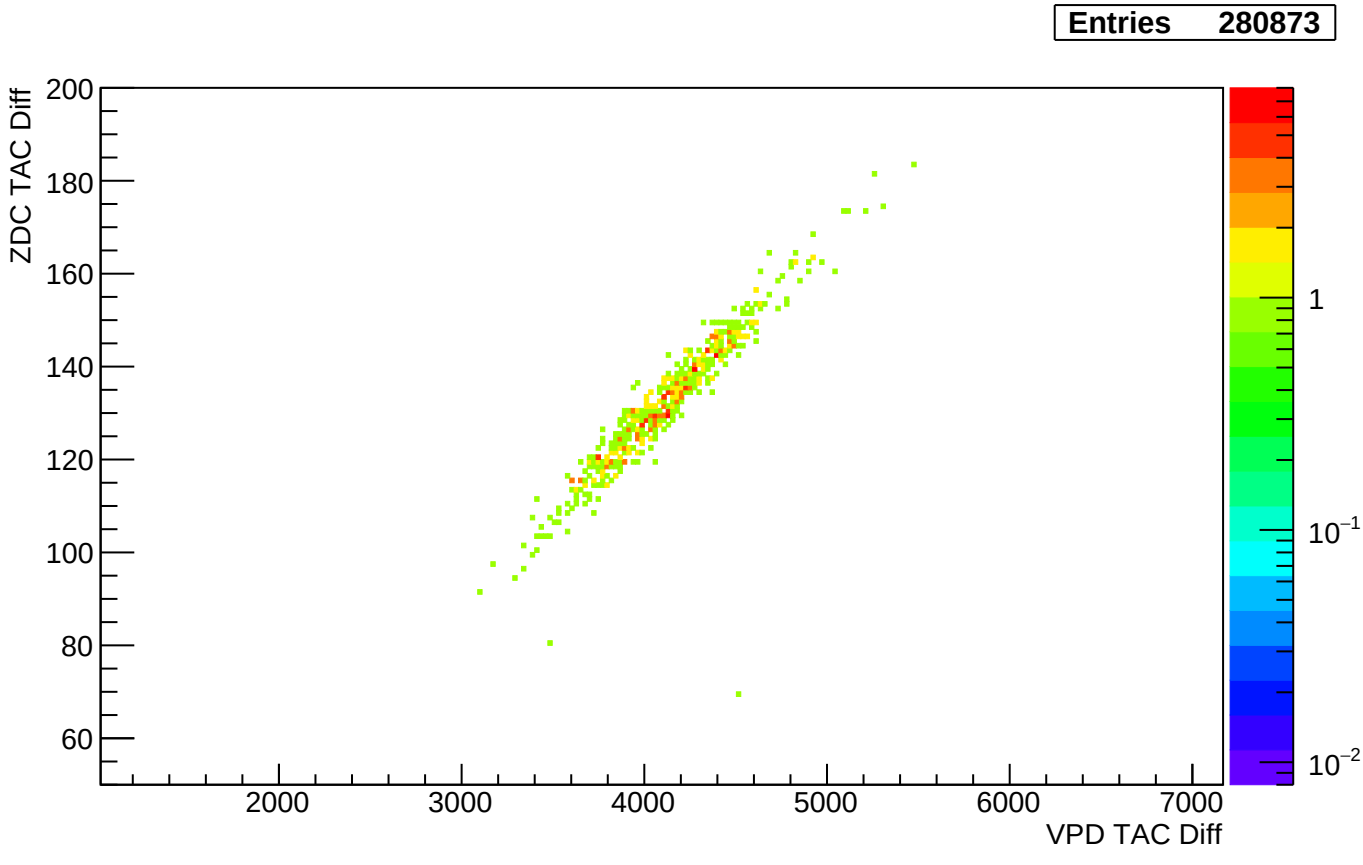

Entries 280873
TOF-Mult
EPD-East Hit Cnt

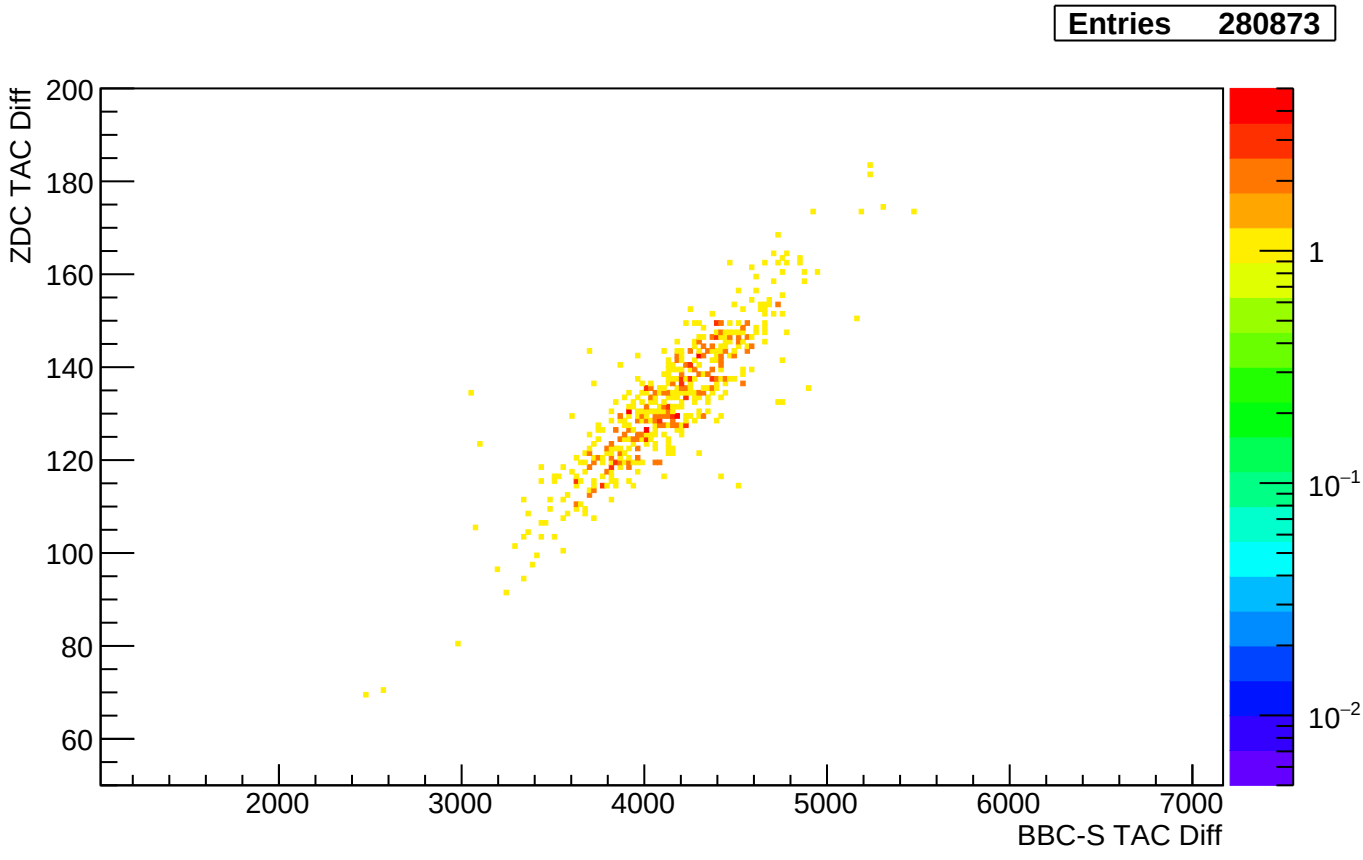

Entries 280873
TOF-Mult
EPD-West Hit Cnt

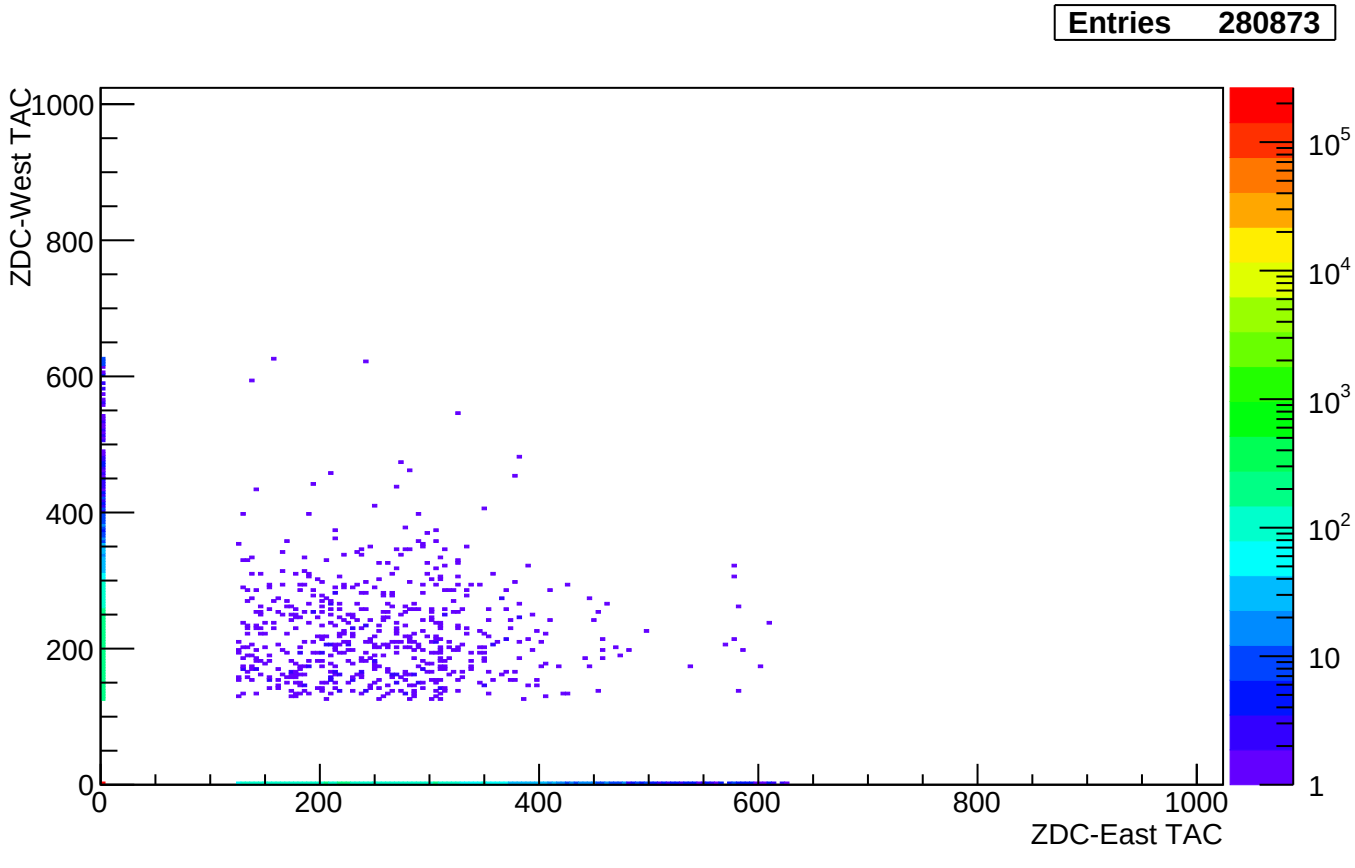

Entries 280873
TOF-Mult
VPD-East ADC Sum

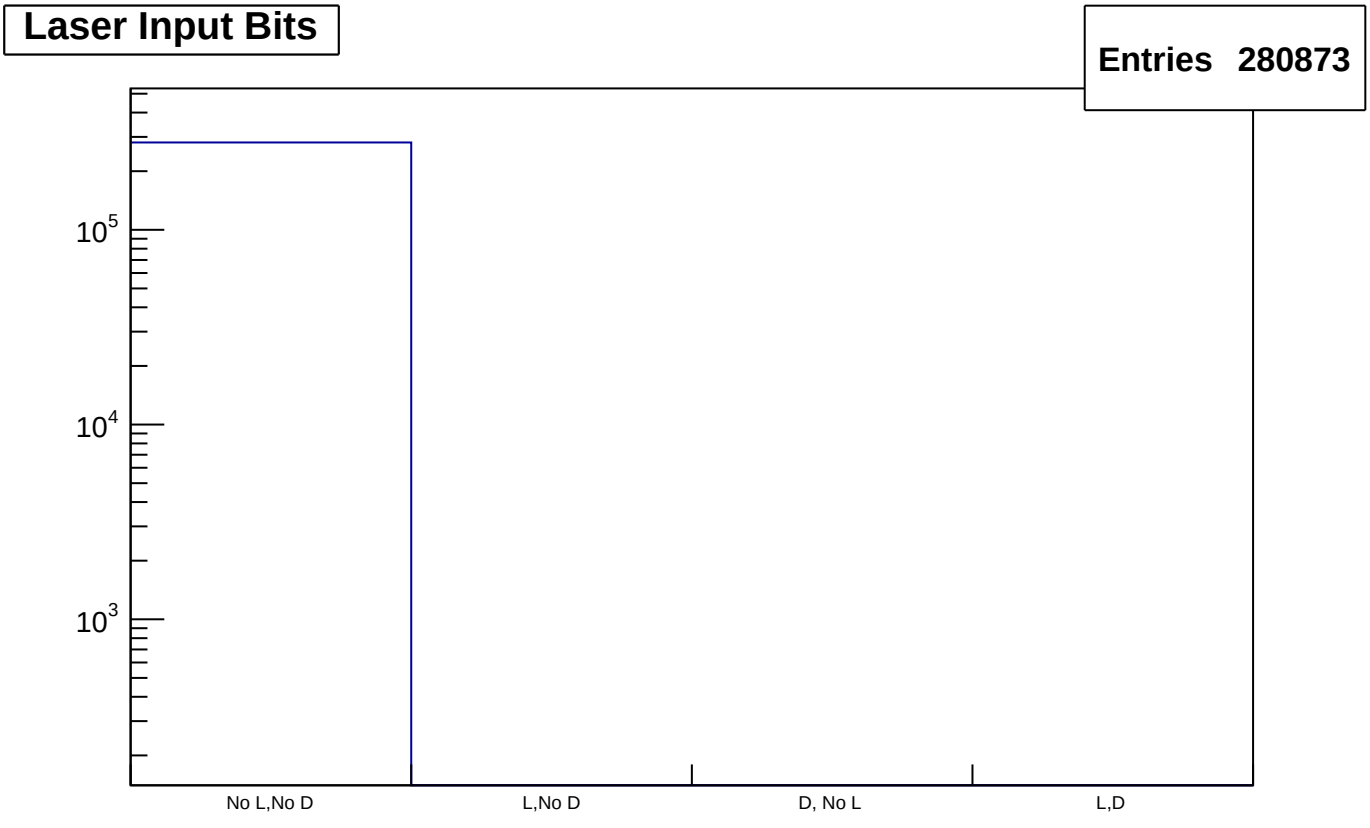

Entries 280873
TOF-Mult
VPD-West ADC Sum

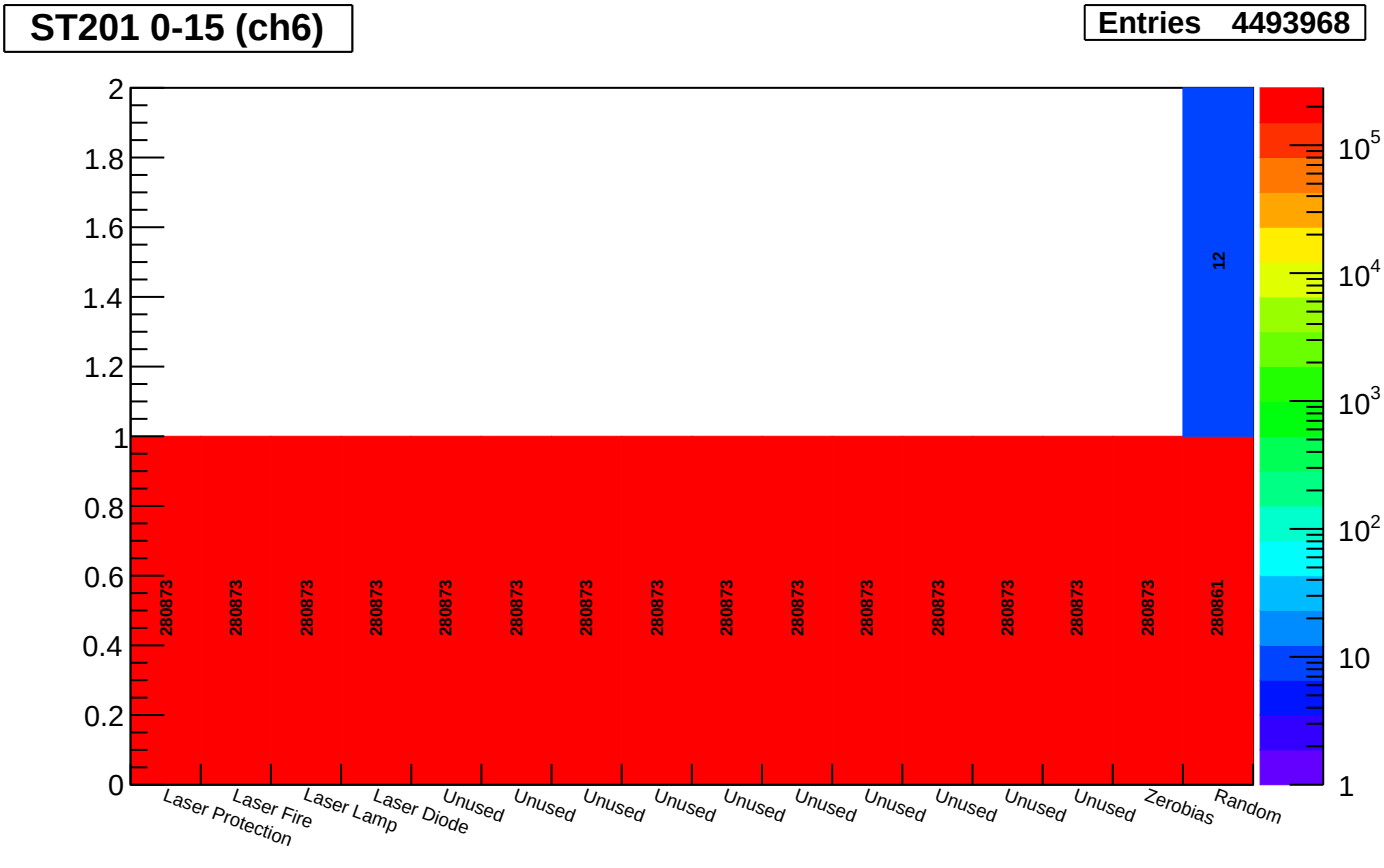

Entries 280873
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

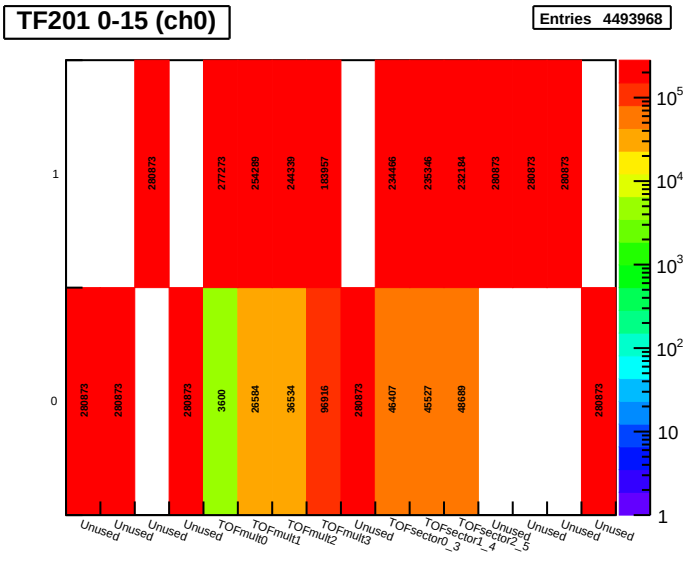

Entries 280873
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

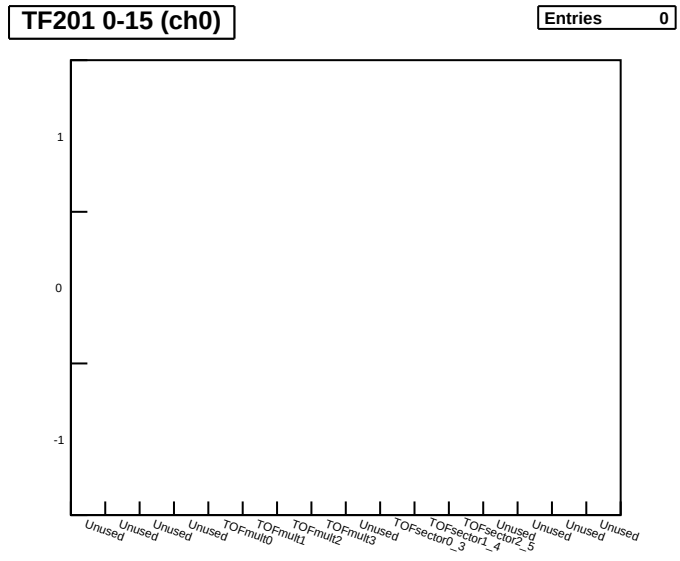

Entries 280873
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

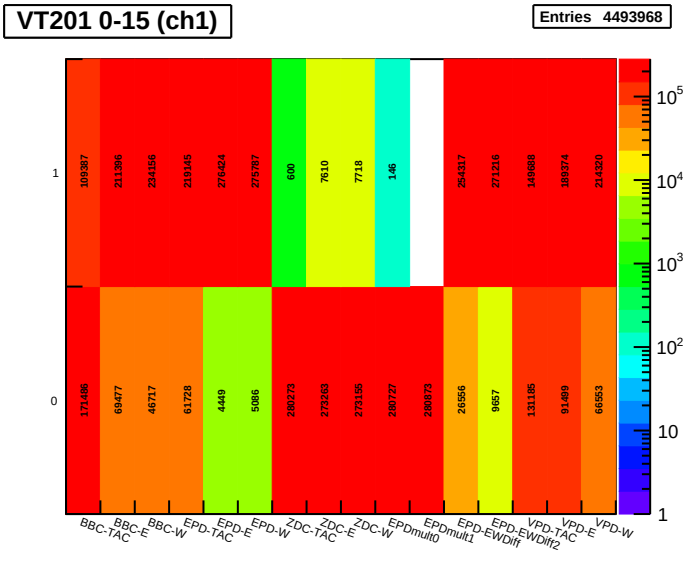

Entries 280873
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

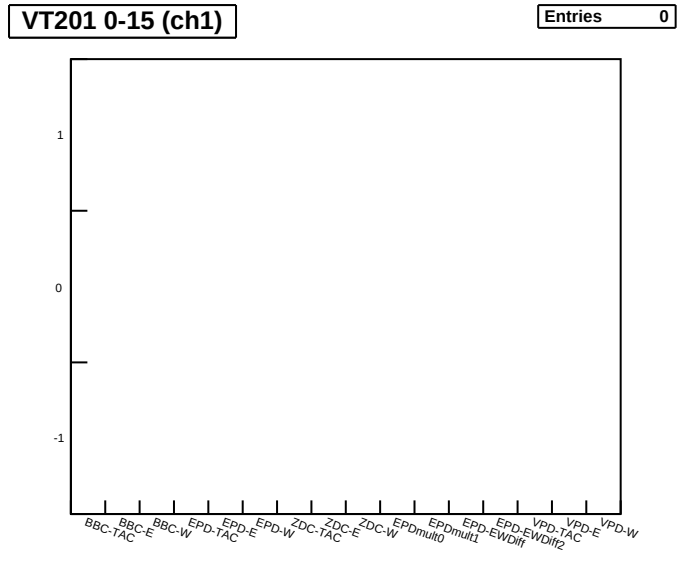

Laser Input Bits
Entries 280873
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

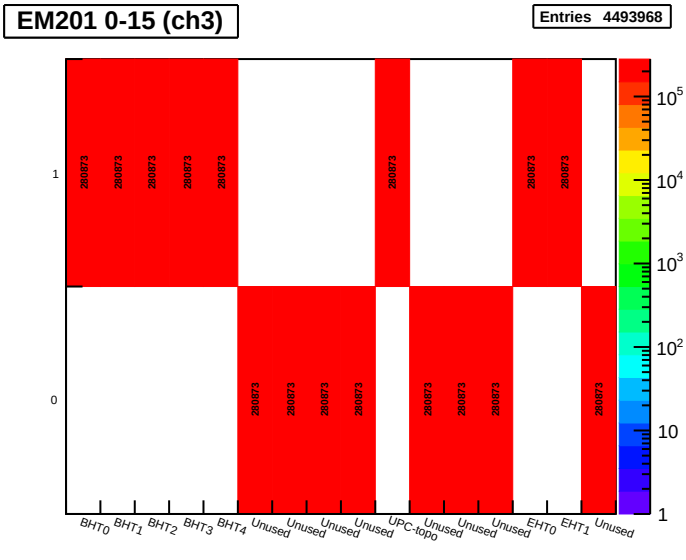

ST201 0-15 (ch6)
Entries 4493968
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
12
280873
280861
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

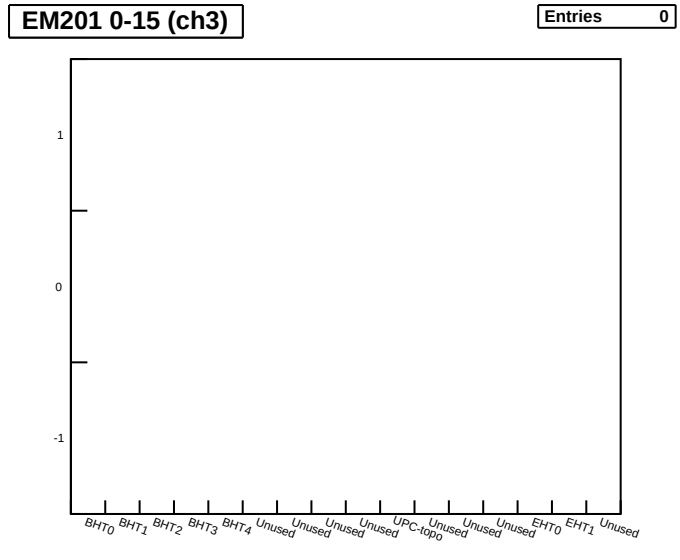

TF201 0-15 (ch0)
Entries 4493968
1
0
280873
277273
254289
244339
183957
234466
235346
232184
280873
280873
280873
280873
280873
280873
3600
26584
36534
96916
280873
46407
45527
48689
280873
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 4493968
1
0
109387
211386
234156
219145
276424
275787
600
7610
7718
146
254317
271216
149668
189374
214320
171486
69477
46717
61728
4449
5086
280273
273263
273155
280727
280873
26556
9657
131185
91499
66553
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 4493968
1
0
280873
280873
280873
280873
280873
280873
280873
280873
280873
280873
280873
280873
280873
280873
280873
280873
280873
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