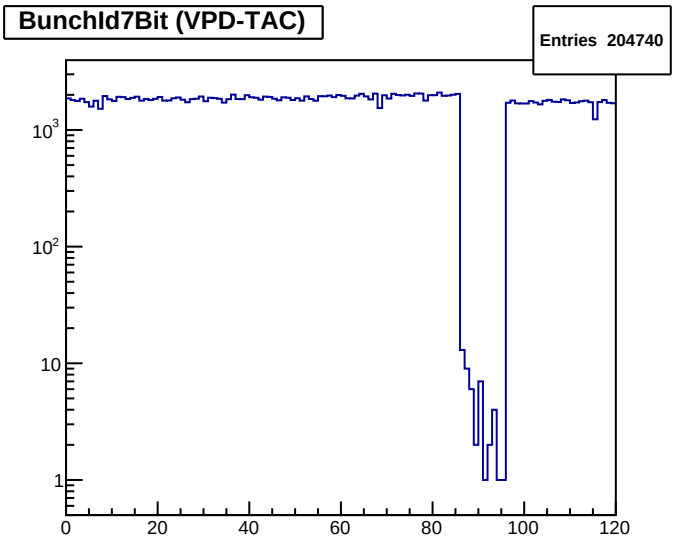
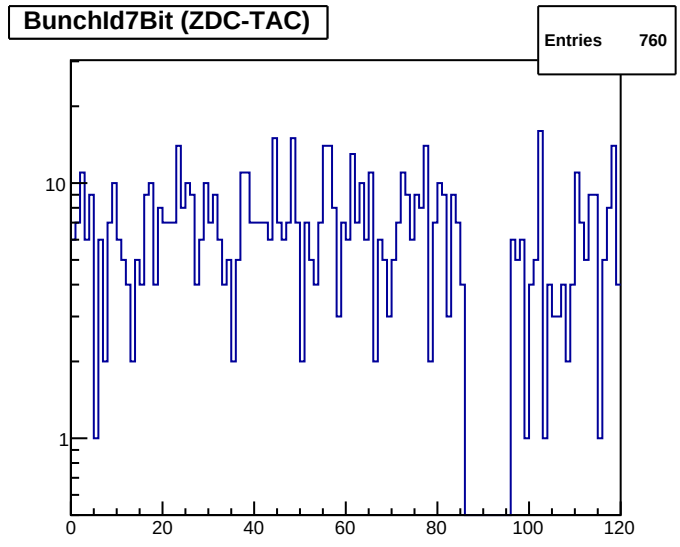
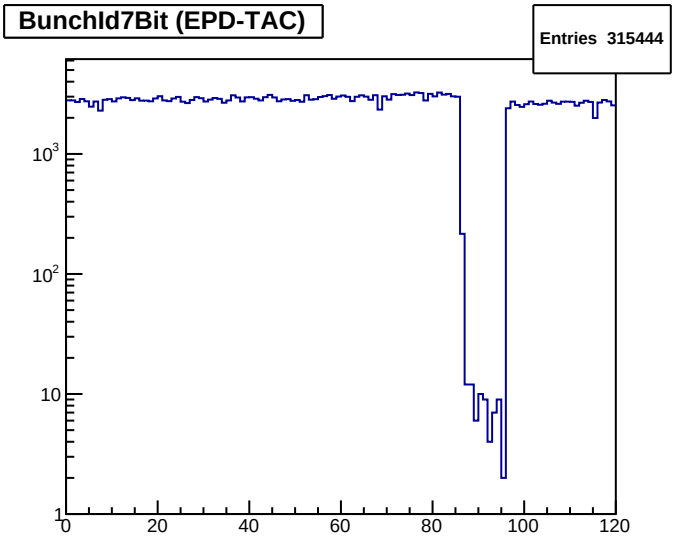
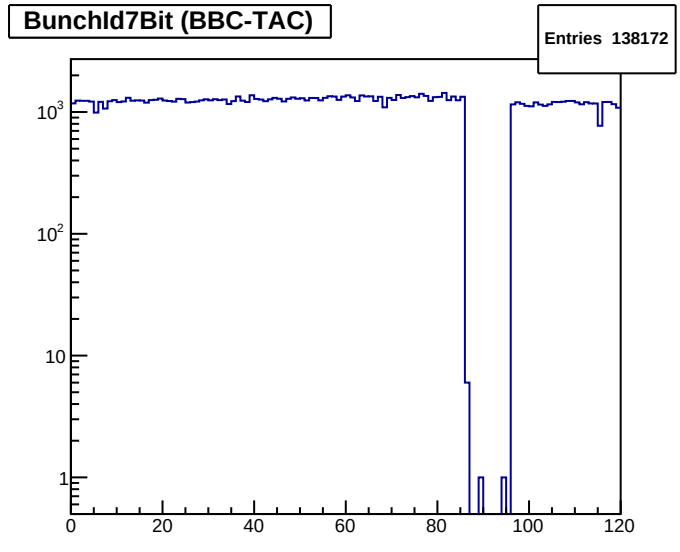
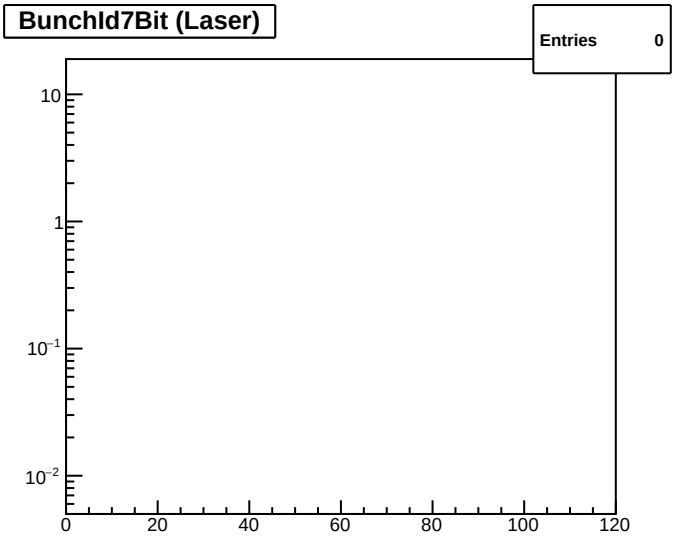
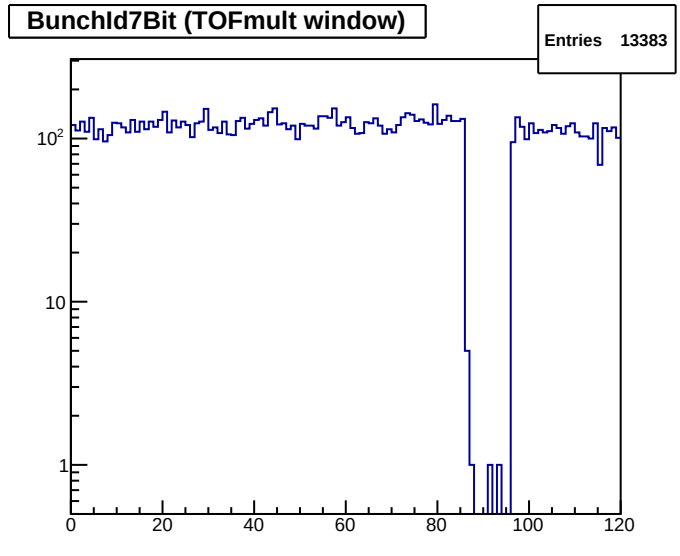

BunchId7Bit (VPD-TAC)
Entries 204740

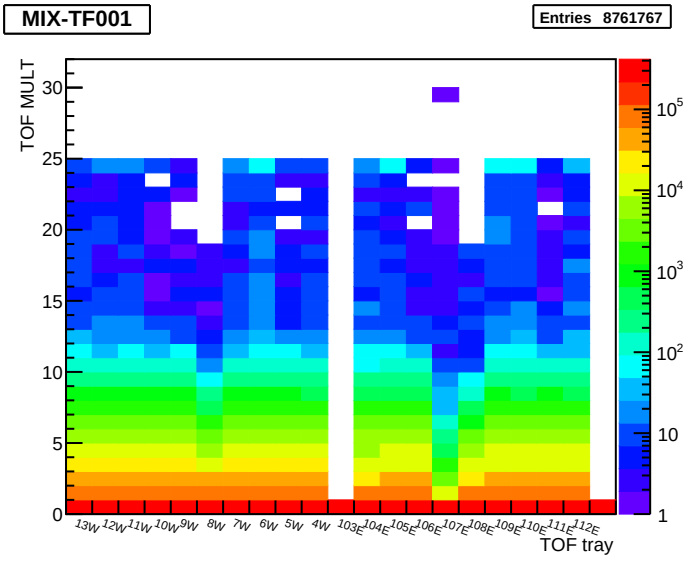

BunchId7Bit (ZDC-TAC)
Entries 760

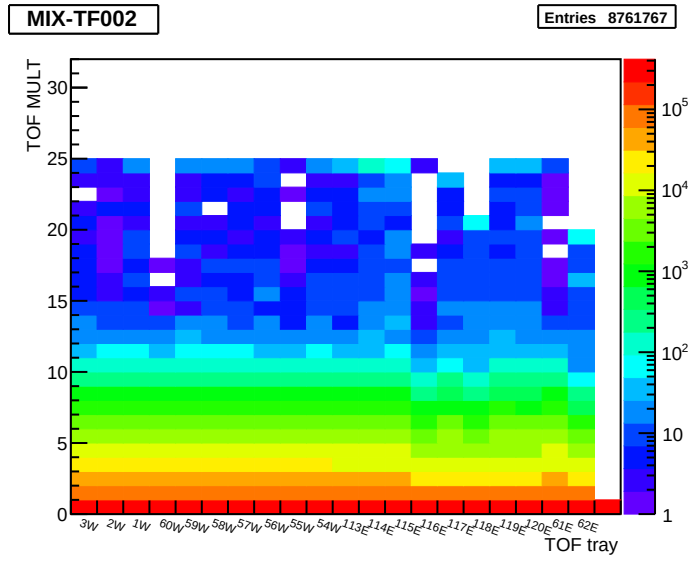

BunchId7Bit (EPD-TAC)
Entries 315444

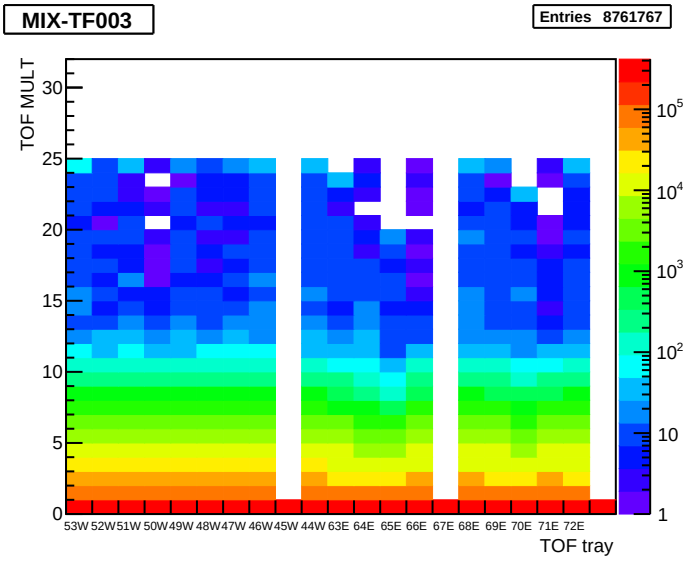

BunchId7Bit (BBC-TAC)
Entries 138172

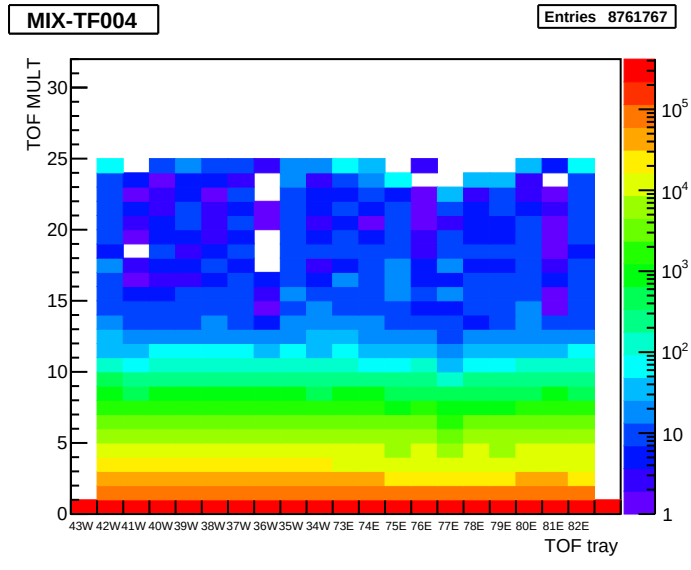

BunchId7Bit (Laser)
Entries 0

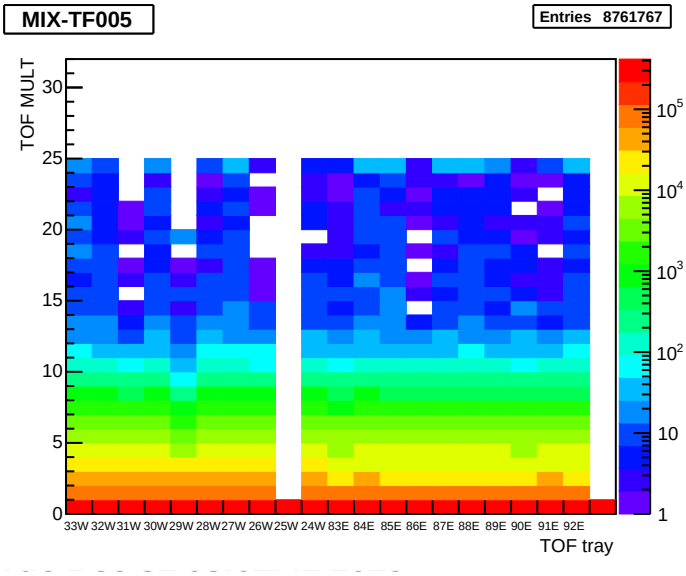

BunchId7Bit (TOFmult window)
Entries 13383

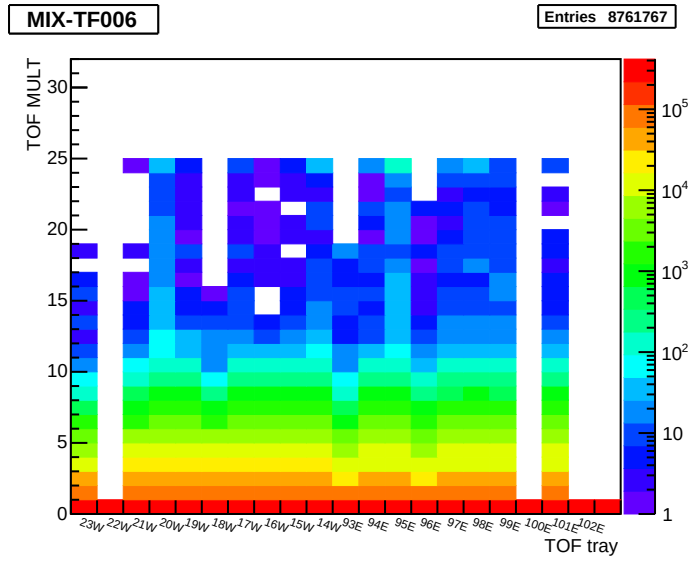

MIX-TF001
Entries 8761767
TOF MULT
TOF tray

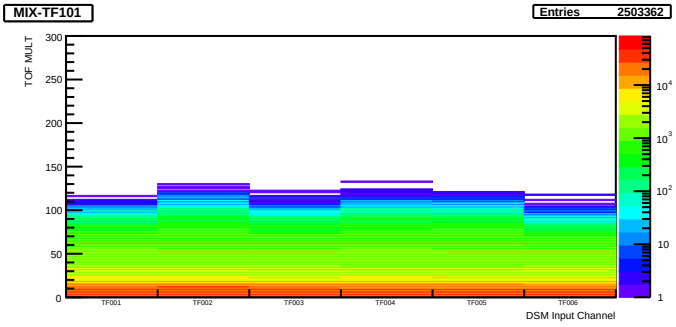

MIX-TF002
Entries 8761767
TOF MULT
TOF tray

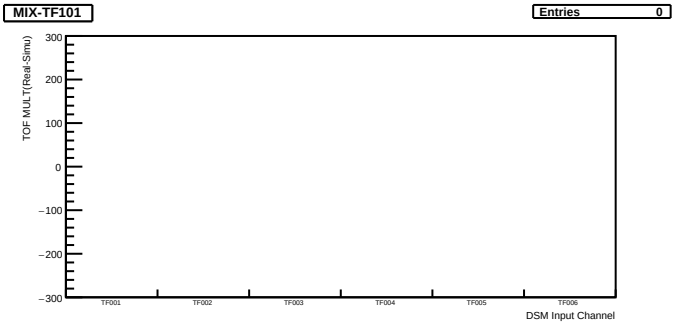

MIX-TF003
Entries 8761767
TOF MULT
TOF tray

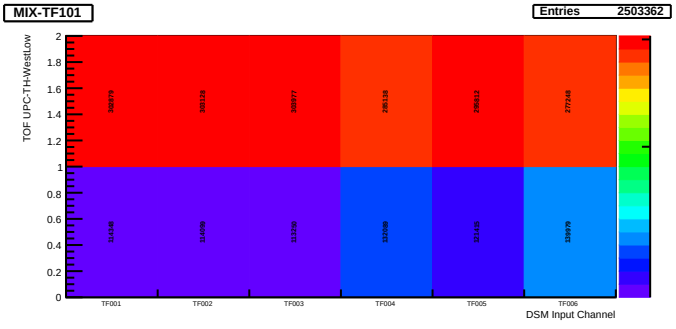

MIX-TF004
Entries 8761767
TOF MULT
TOF tray

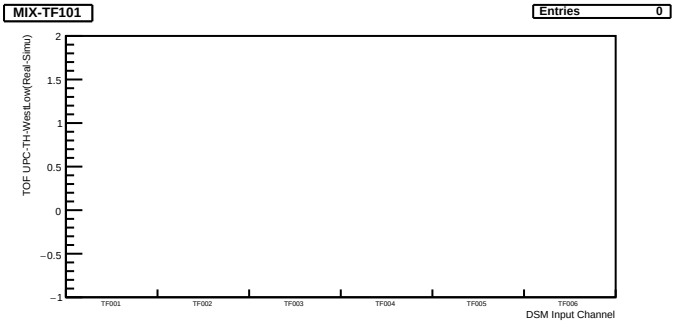

MIX-TF005
Entries 8761767
TOF MULT
TOF tray

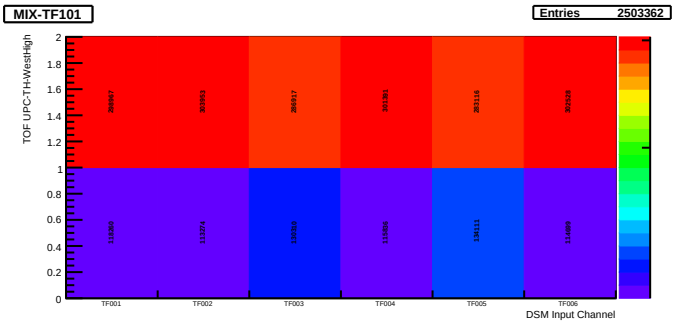

MIX-TF006
Entries 8761767
TOF MULT
TOF tray

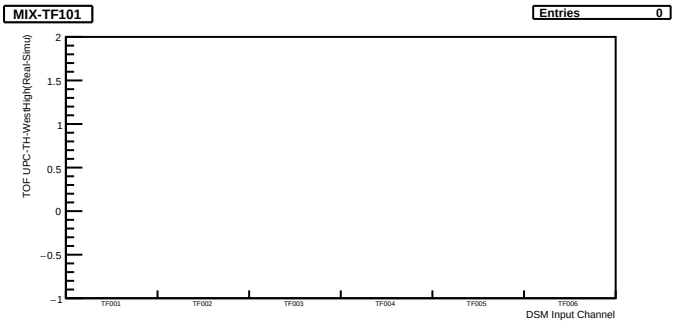

MIX-TF101
Entries 2503362
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

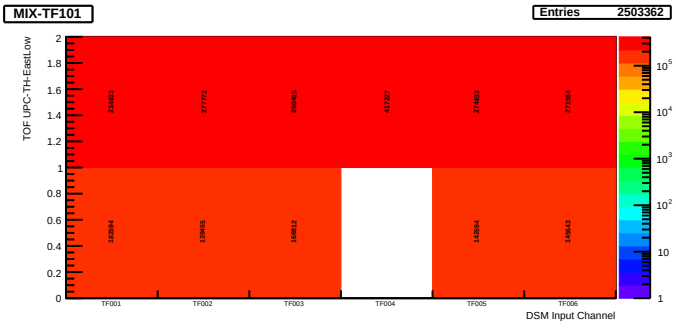

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

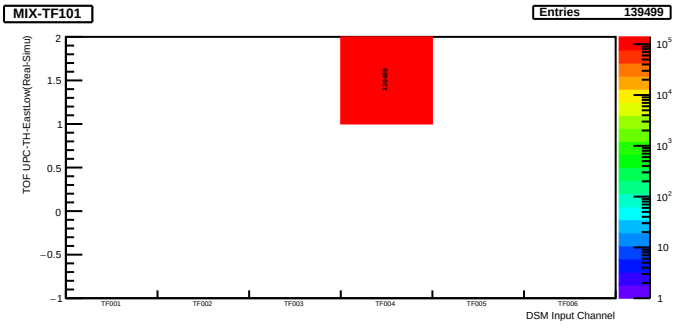

MIX-TF101
Entries 2503362
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

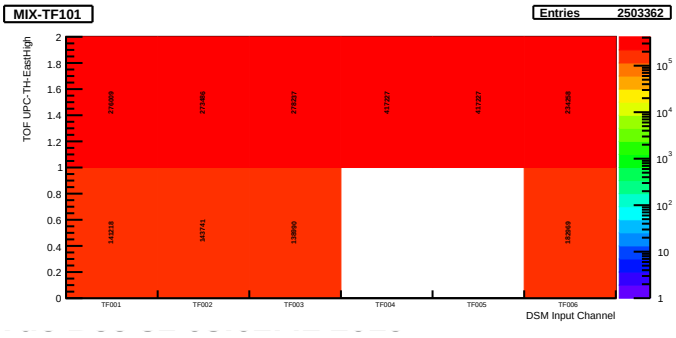

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

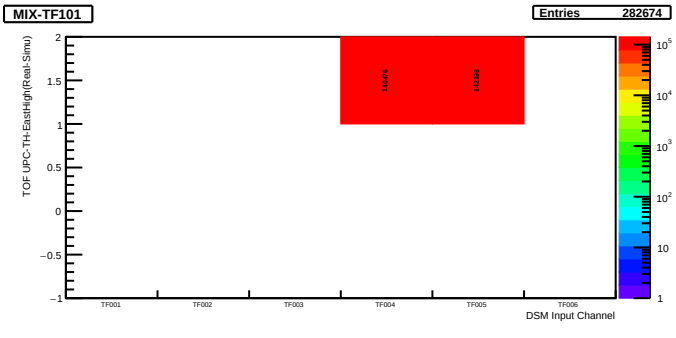

MIX-TF101
Entries 2503362
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

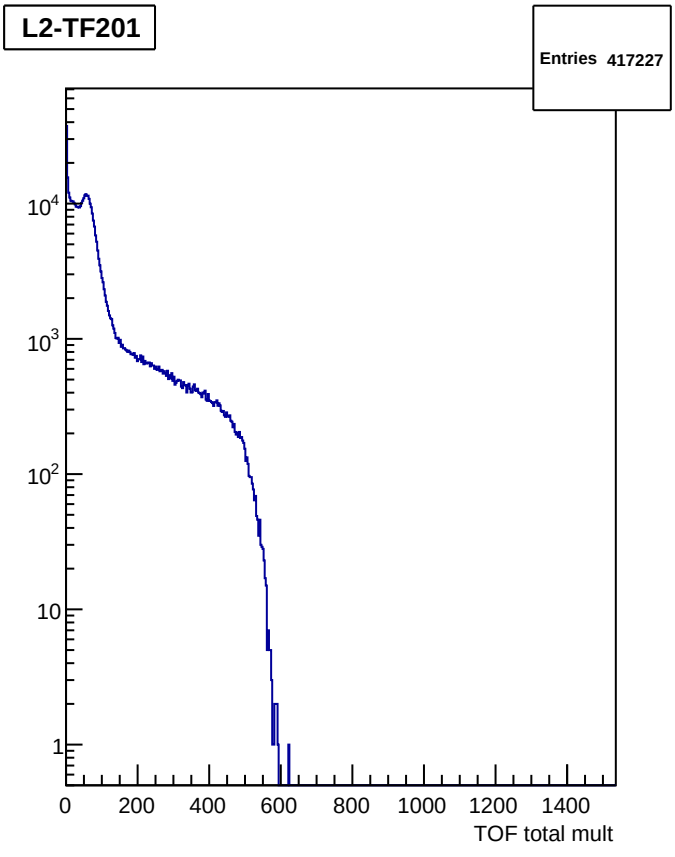

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

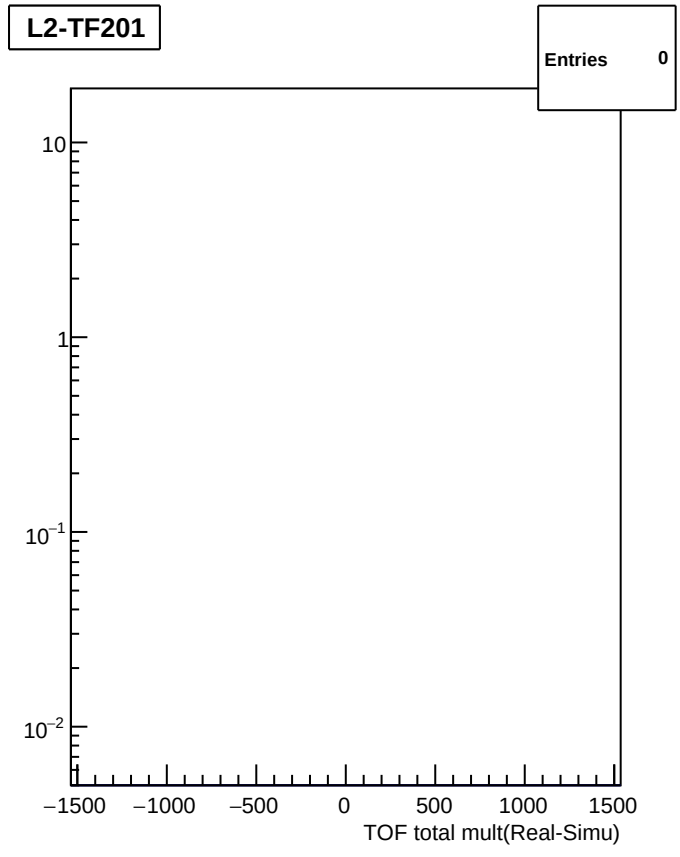

MIX-TF101
Entries 2503362
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

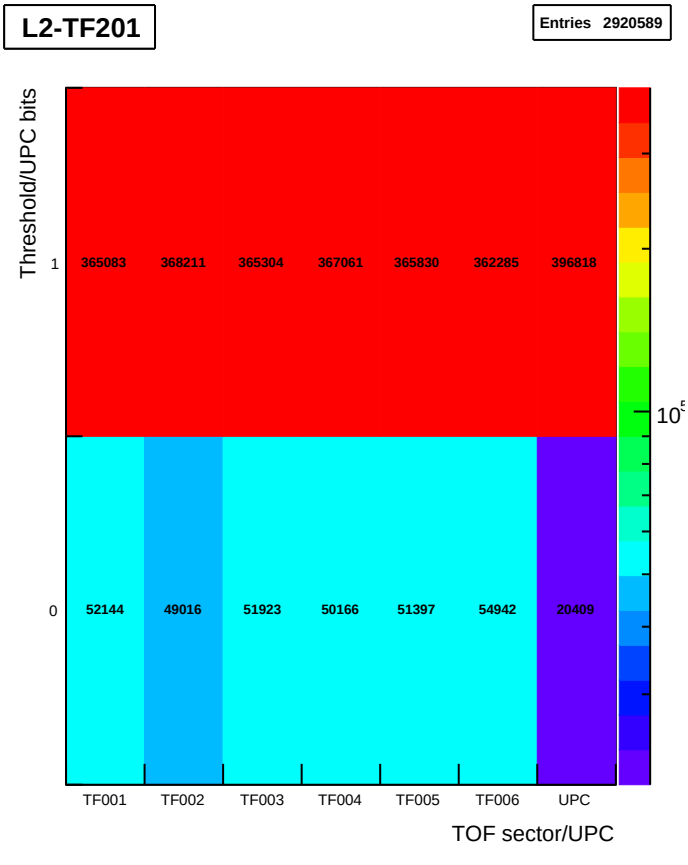

MIX-TF101
Entries 139499
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

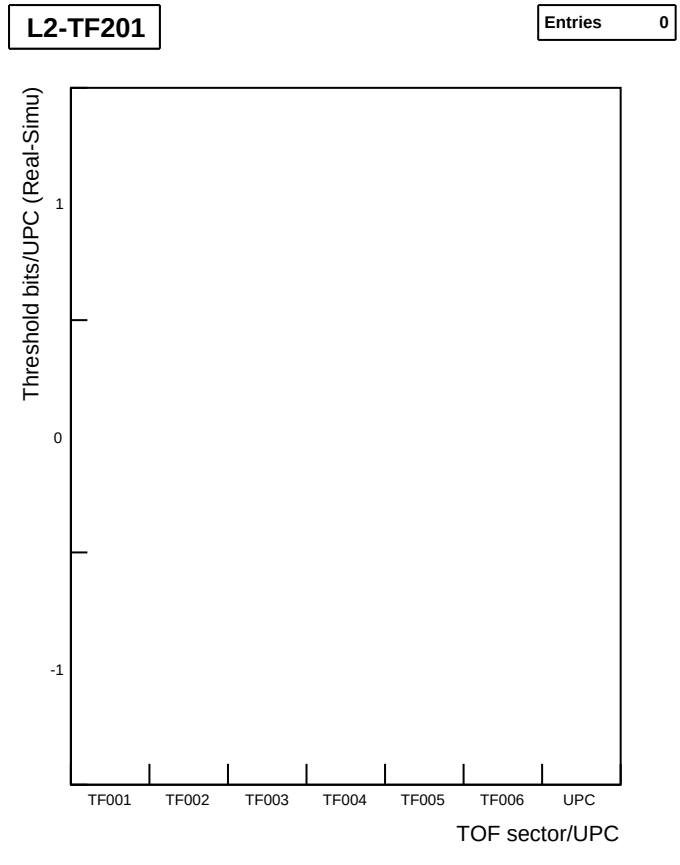

MIX-TF101
Entries 2503362
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

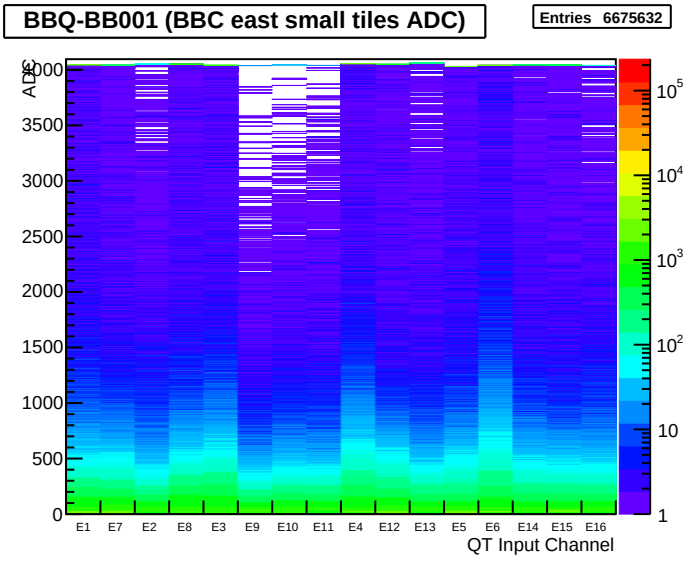

MIX-TF101
Entries 282674
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

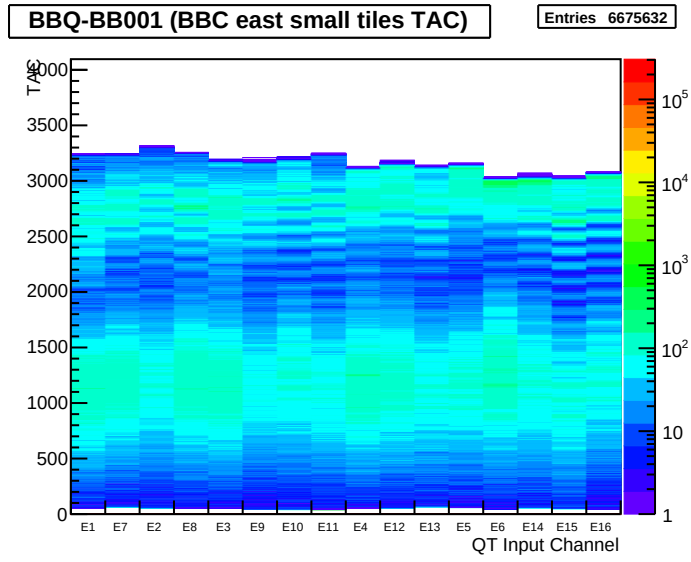

L2-TF201
Entries 417227
TOF total mult

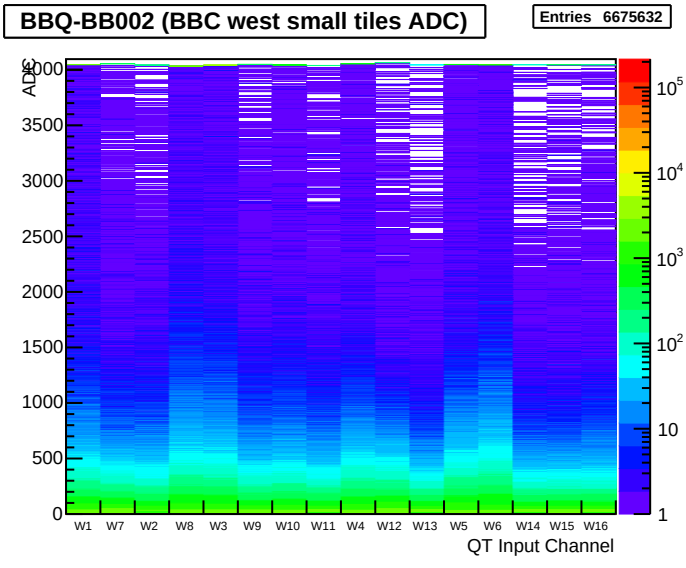

L2-TF201
Entries 0
TOF total mult(Real-Simu)

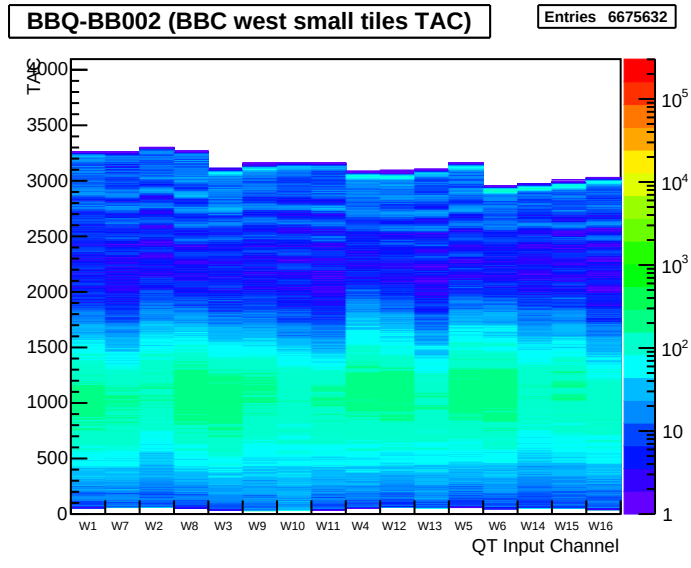

L2-TF201
Entries 2920589
Threshold/UPC bits
365083
368211
365304
367061
365830
362285
396818
52144
49016
51923
50166
51397
54942
20409
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

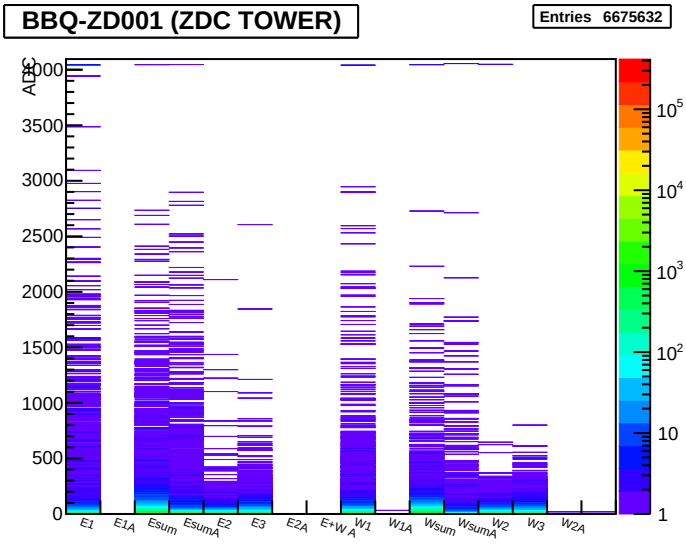

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

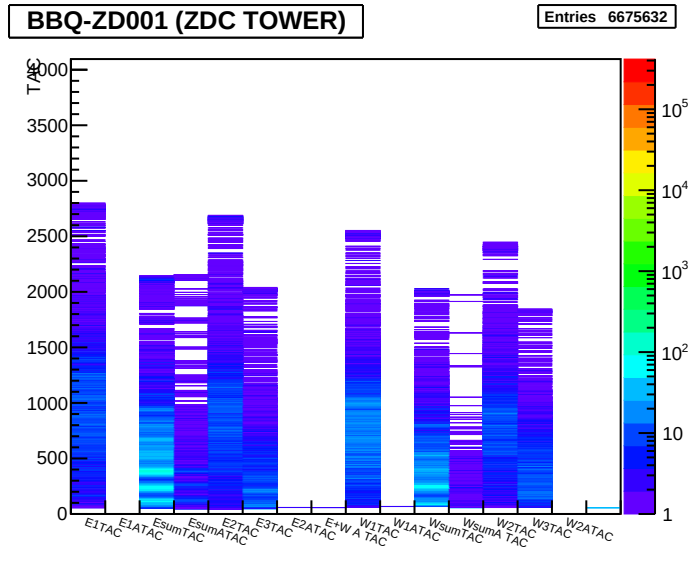

BBQ-BB001 (BBC east small tiles ADC)
Entries 6675632
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

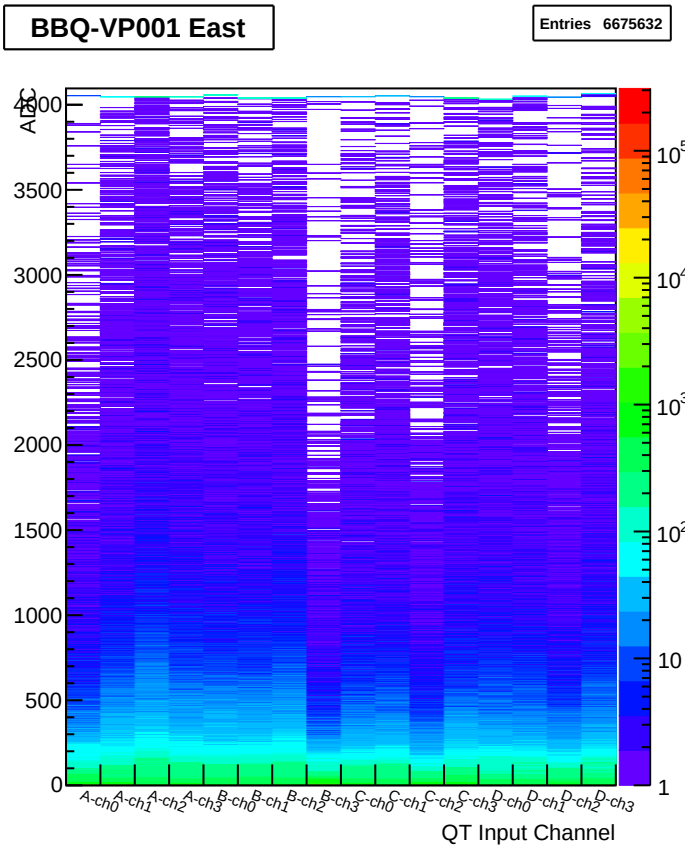

BBQ-BB001 (BBC east small tiles TAC)
Entries 6675632
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

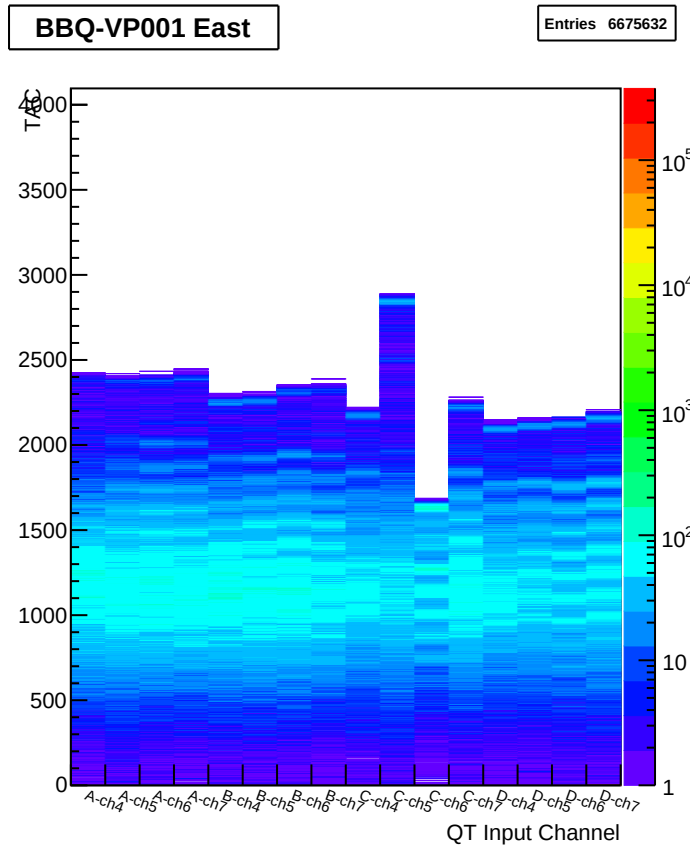

BBQ-BB002 (BBC west small tiles ADC)
Entries 6675632
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

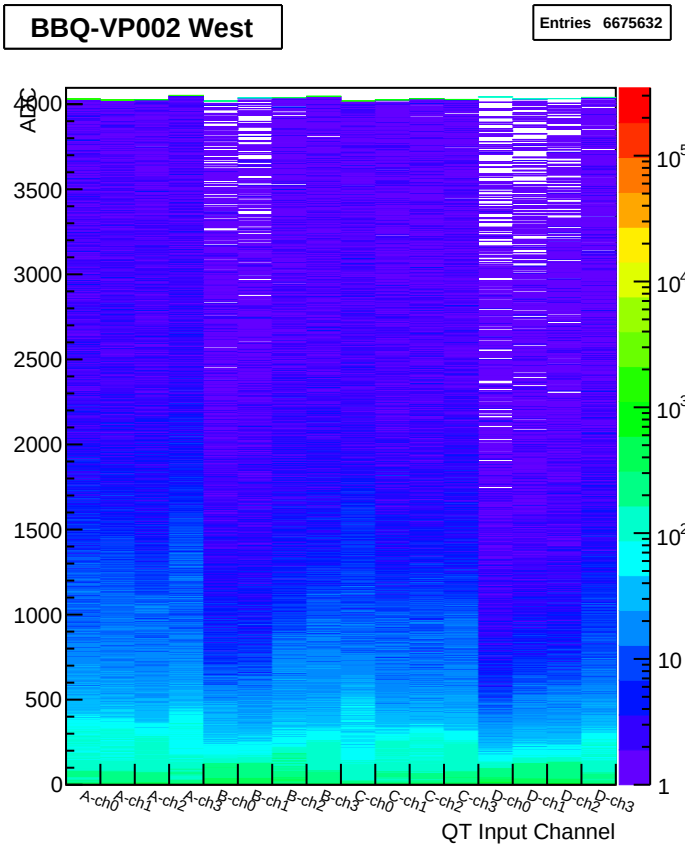

BBQ-BB002 (BBC west small tiles TAC)
Entries 6675632
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

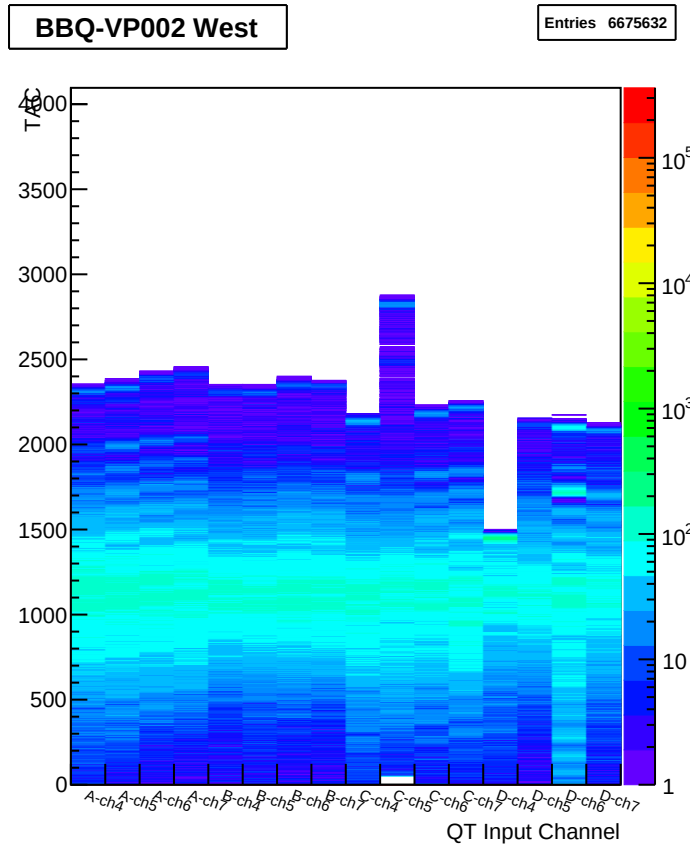

BBQ-ZD001 (ZDC TOWER)
Entries 6675632
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

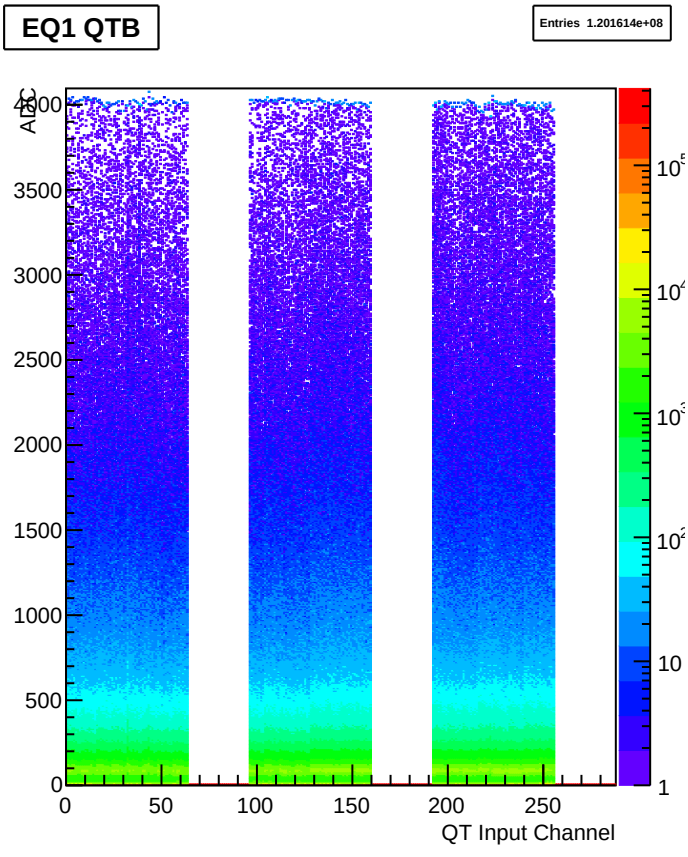

BBQ-ZD001 (ZDC TOWER)
Entries 6675632
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

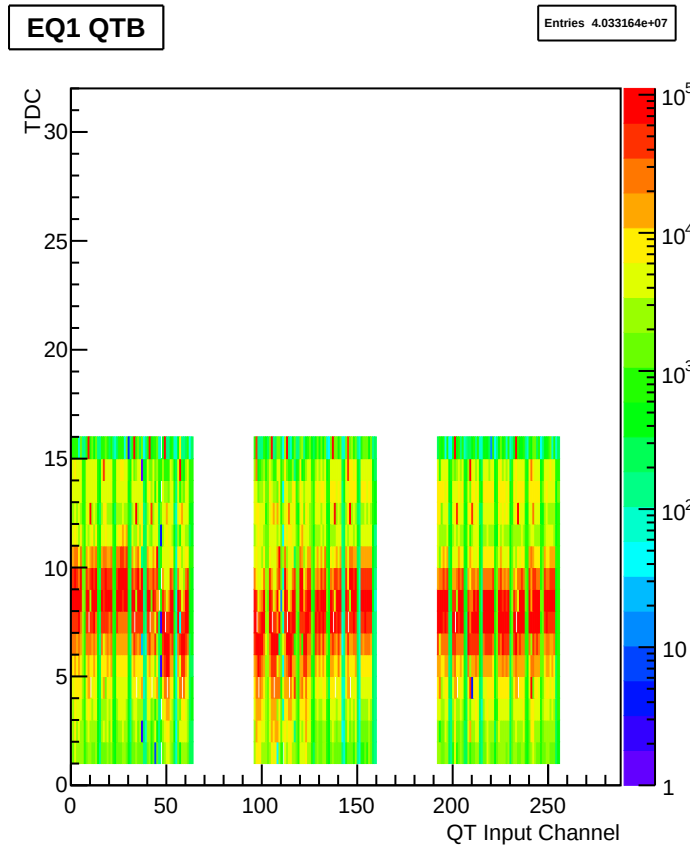

BBQ-VP001 East
Entries 6675632
ADC
QT Input Channel

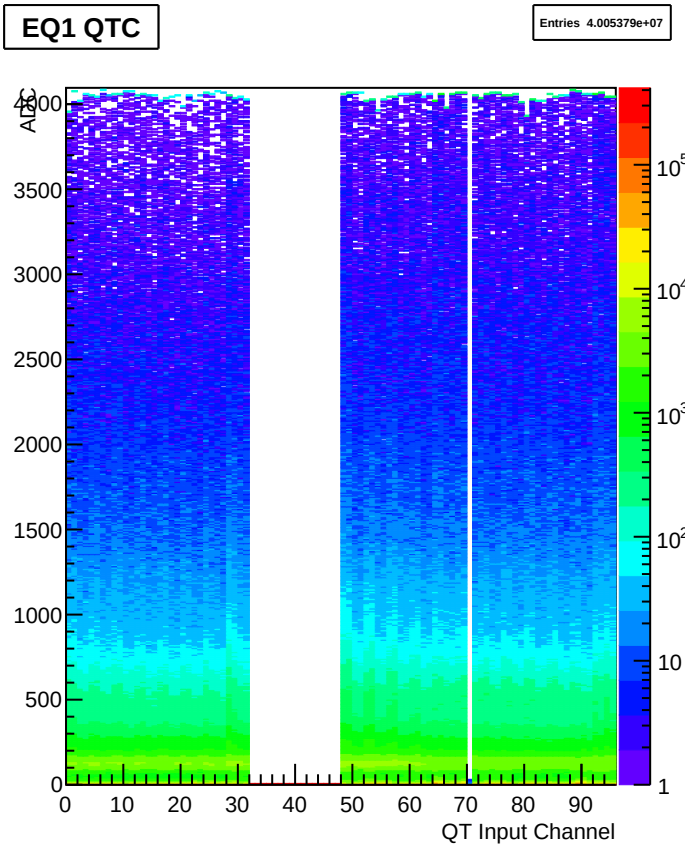

BBQ-VP001 East
Entries 6675632
TAC
QT Input Channel

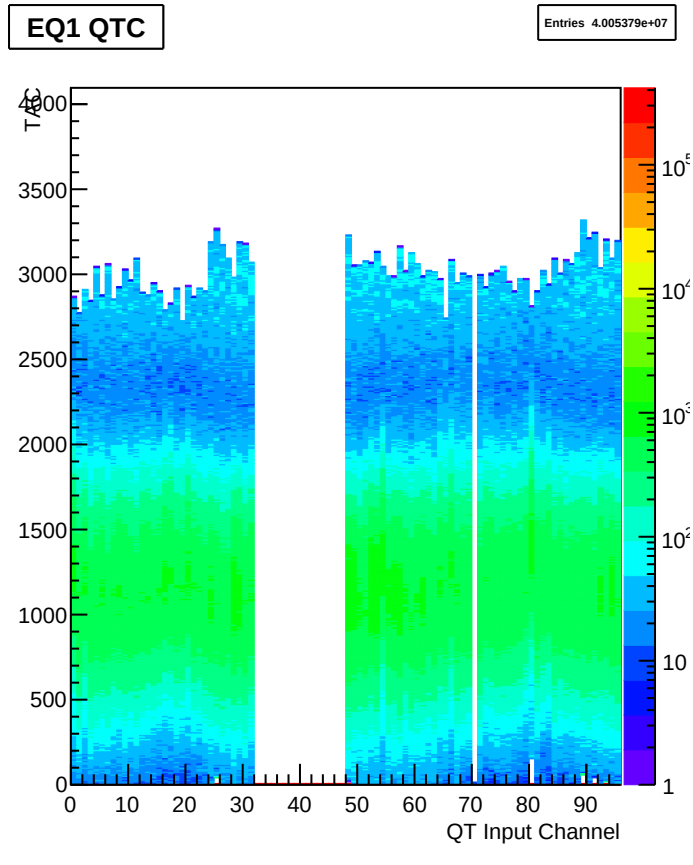

BBQ-VP002 West
Entries 6675632
ADC
QT Input Channel

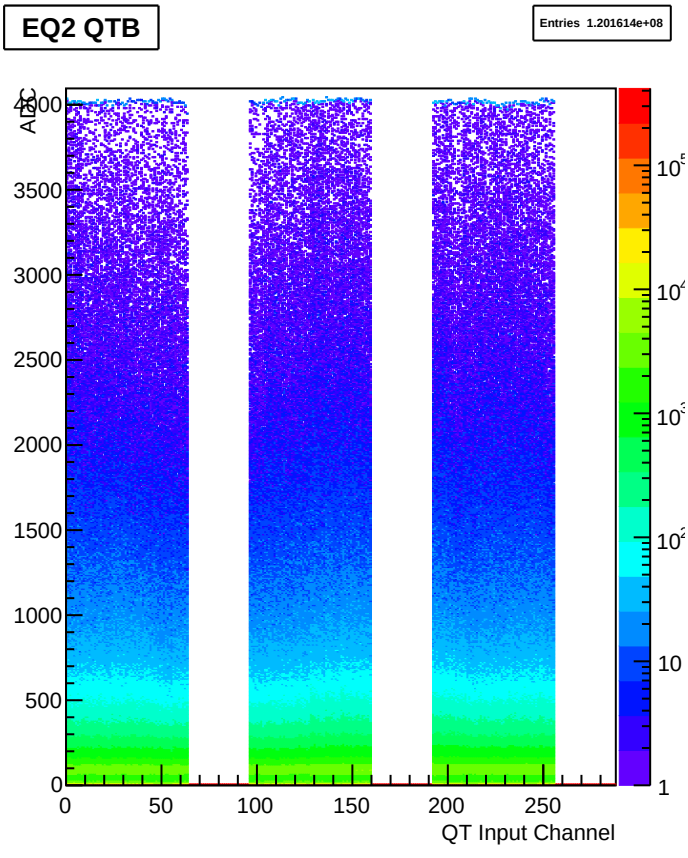

BBQ-VP002 West
Entries 6675632
TAC
QT Input Channel

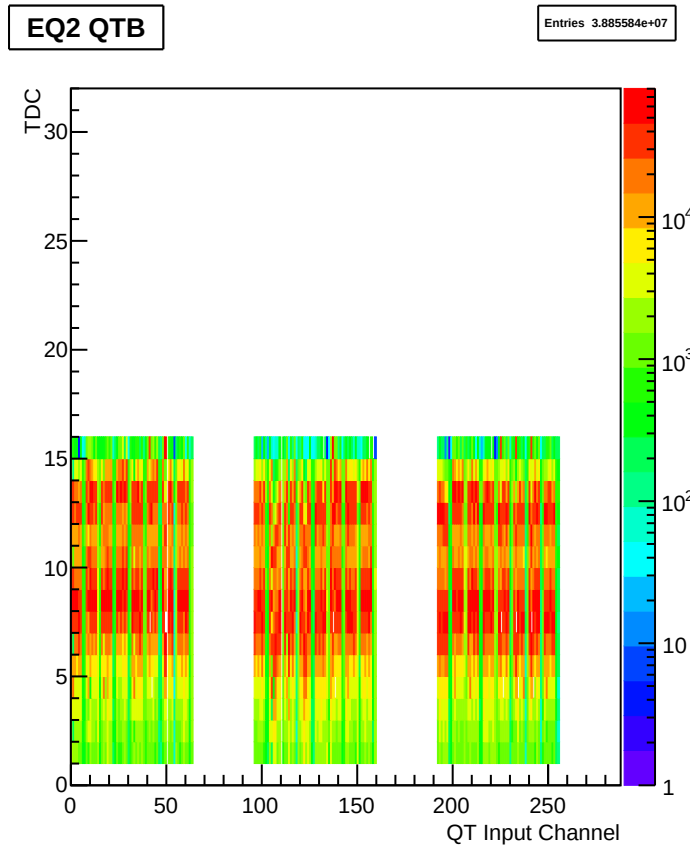

EQ1 QTB
Entries 1.201614e+08
ADC
QT Input Channel

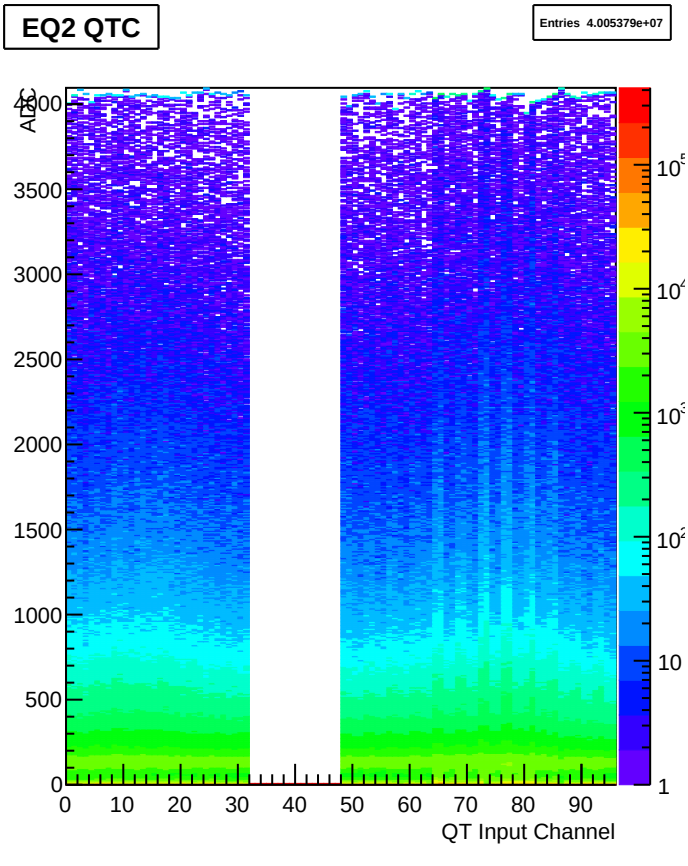

EQ1 QTB
Entries 4.033164e+07
TDC
QT Input Channel

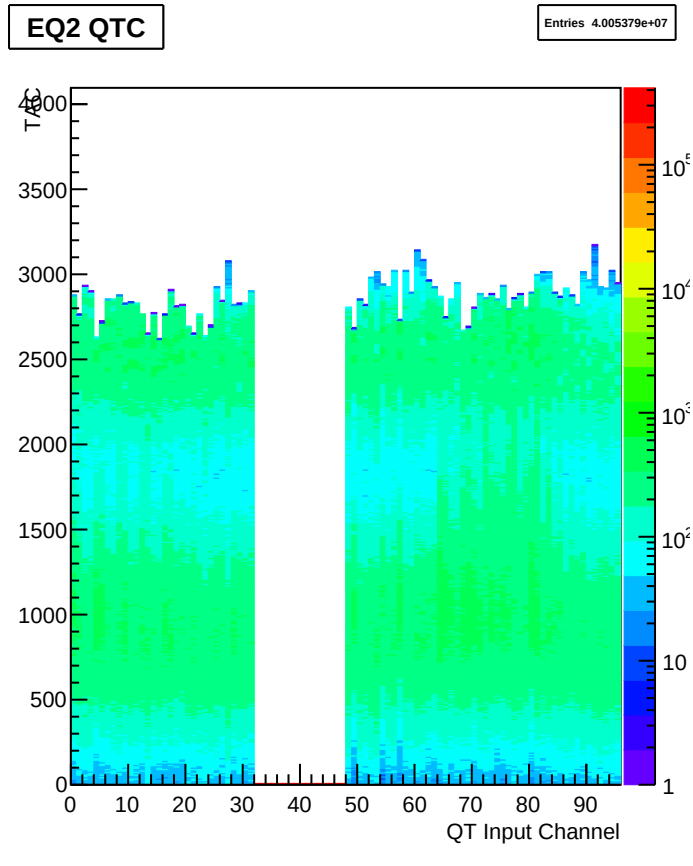

EQ1 QTC
Entries 4.005379e+07
ADC
QT Input Channel

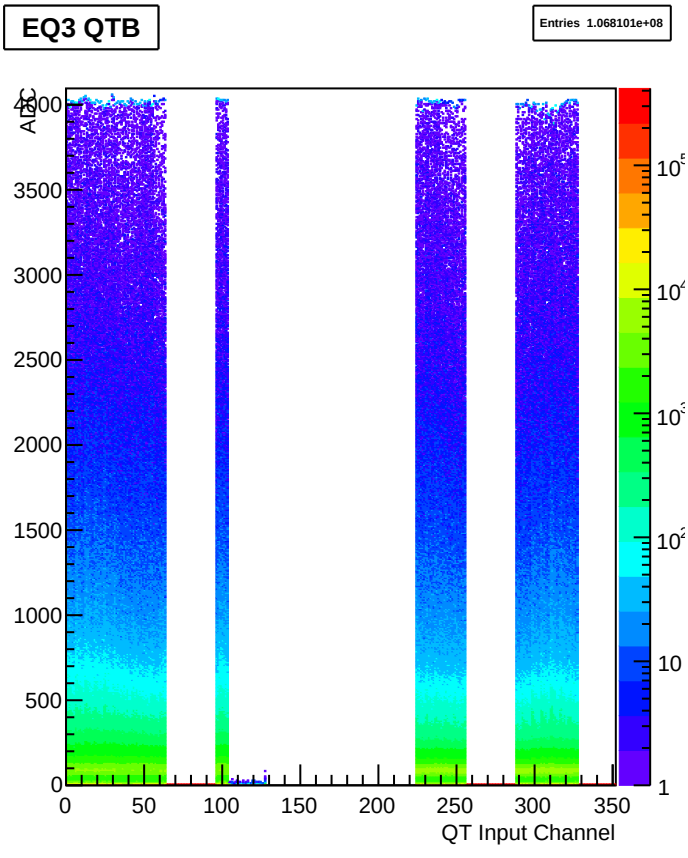

EQ1 QTC
Entries 4.005379e+07
TADC
QT Input Channel

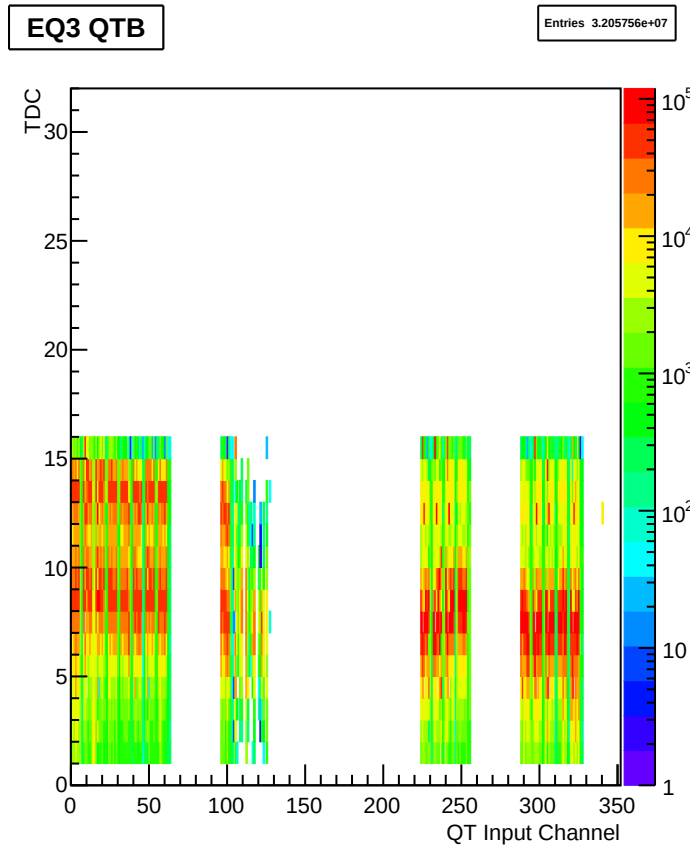

EQ2 QTB
Entries 1.201614e+08
ADC
QT Input Channel

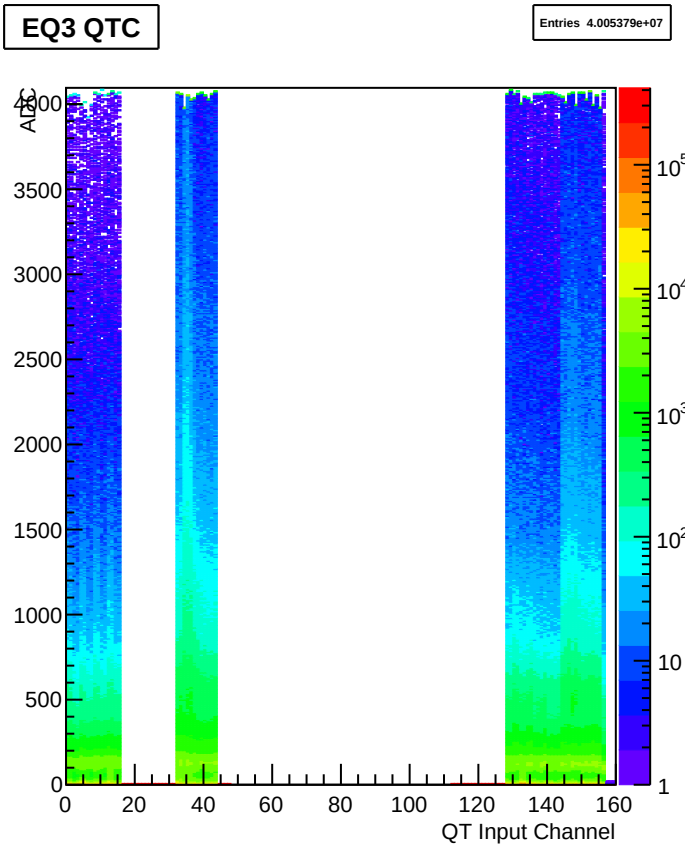

EQ2 QTB
Entries 3.885584e+07
TDC
QT Input Channel

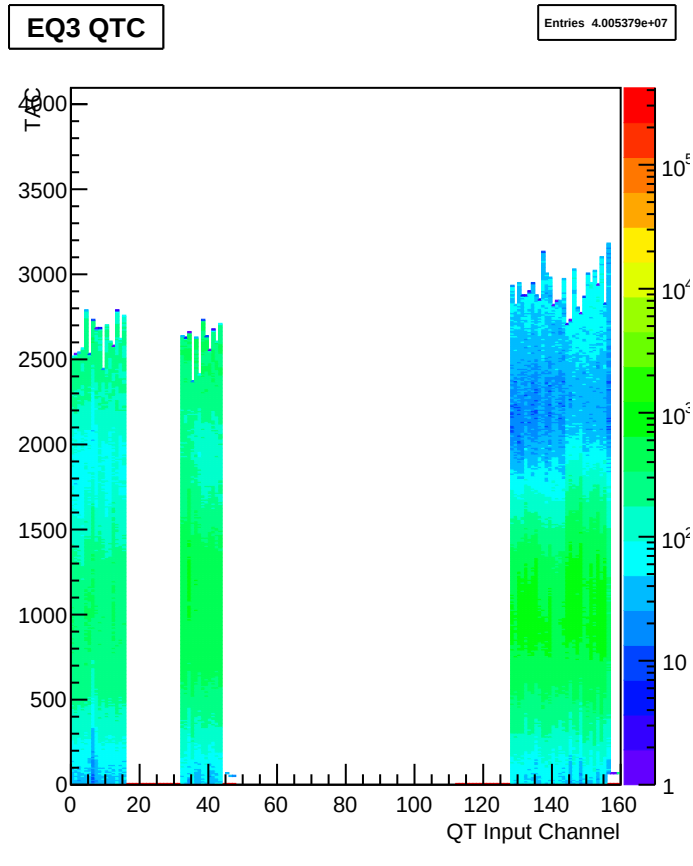

EQ2 QTC
Entries 4.005379e+07
ADC
QT Input Channel

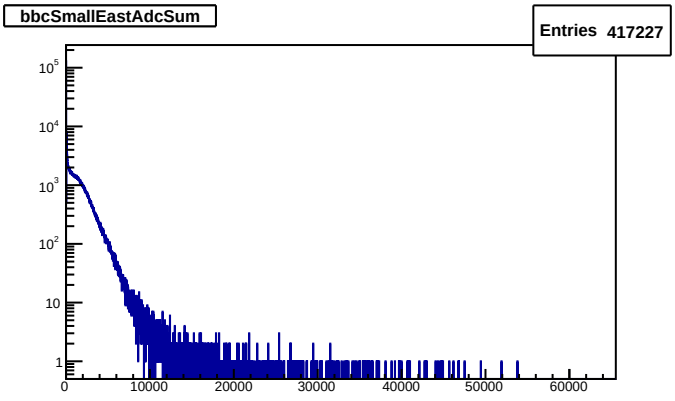

EQ2 QTC
Entries 4.005379e+07
TADC
QT Input Channel

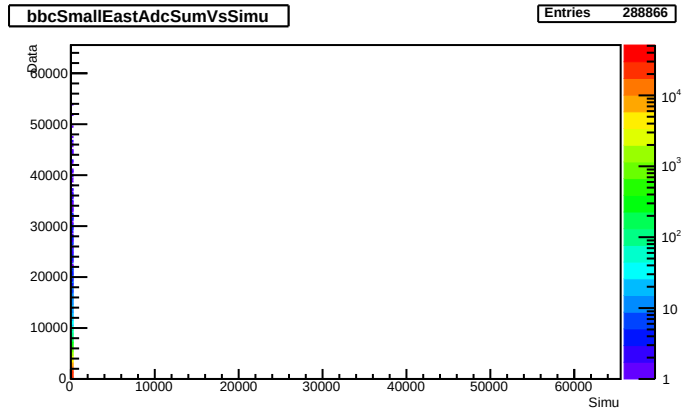

EQ3 QTB
Entries 1.068101e+08
ADC
QT Input Channel

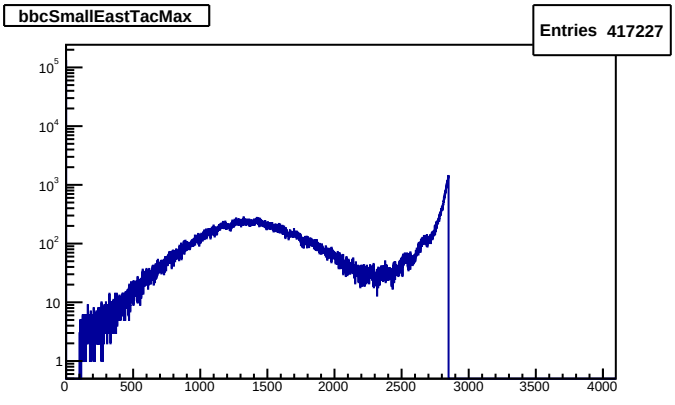

EQ3 QTB
Entries 3.205756e+07
TDC
QT Input Channel

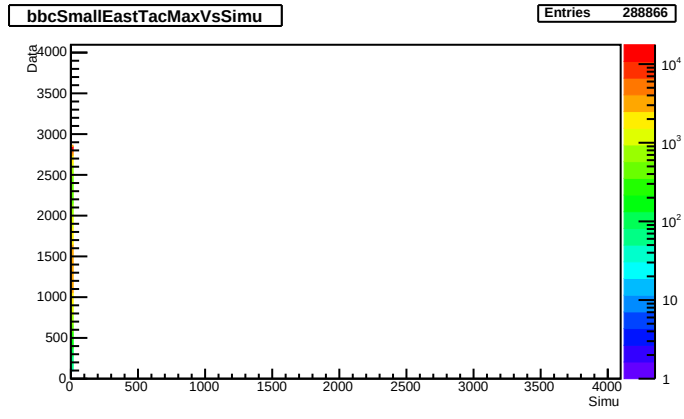

EQ3 QTC
Entries 4.005379e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.005379e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 417227


bbcSmallEastAdcSumVsSimu
Entries 288866
Data
Simu


bbcSmallEastTacMax
Entries 417227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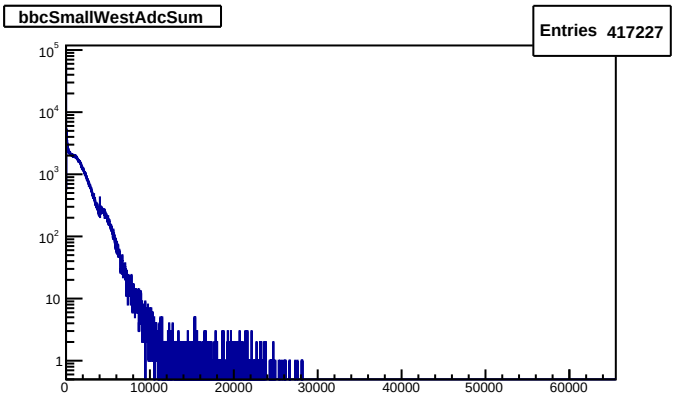
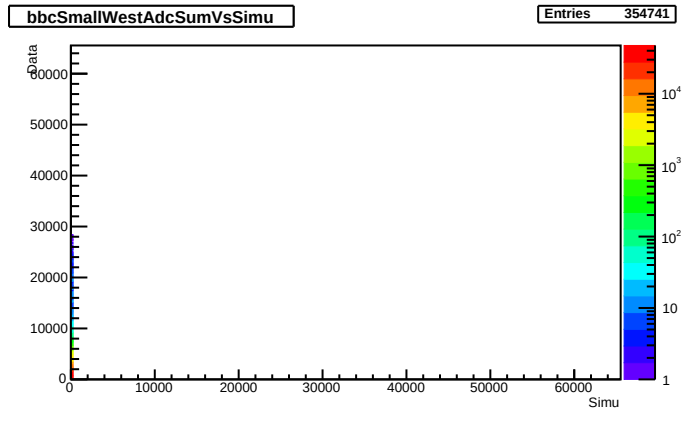
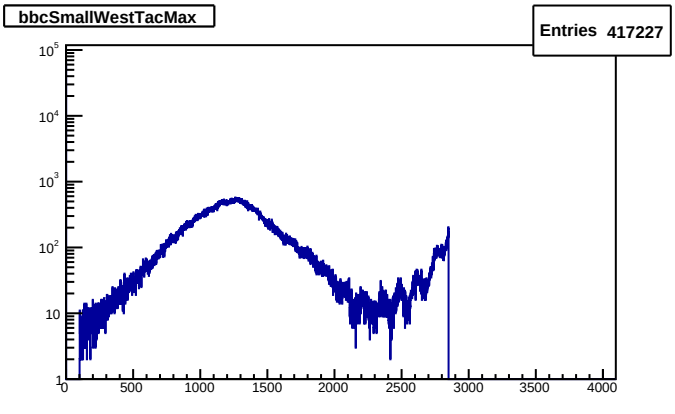
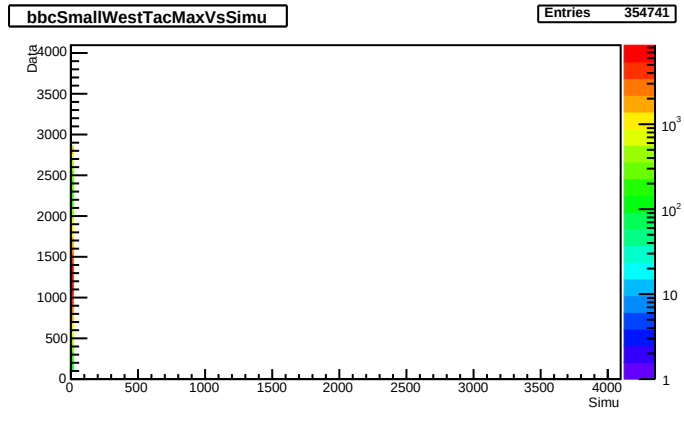
Entries 288866
Data
Simu


bbcSmallWestAdcSum
Entries 417227


bbcSmallWestAdcSumVsSimu
Entries 354741
Data
Simu


bbcSmallWestTacMax
Entries 417227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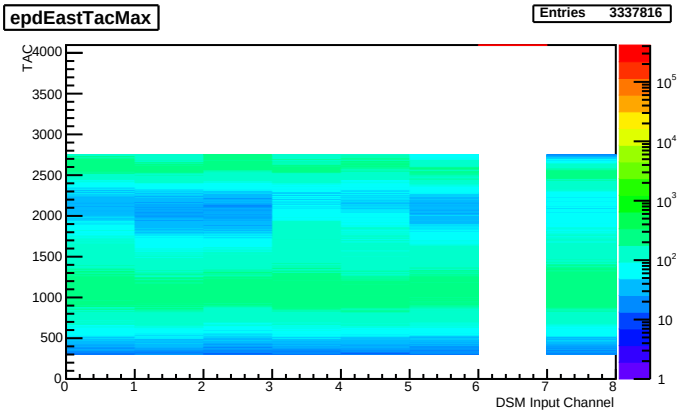
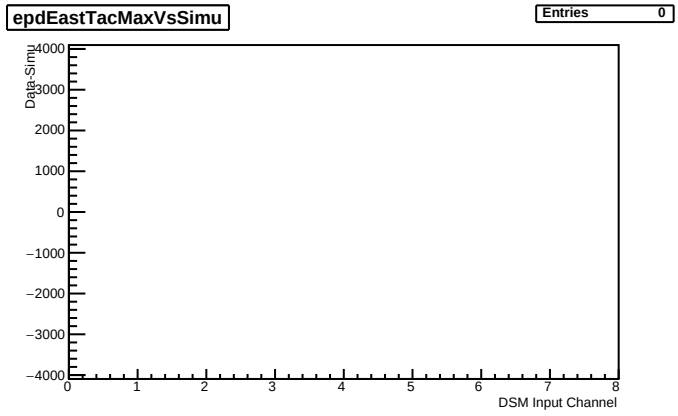
Entries 354741
Data
Simu


epdEastTacMax
Entries 3337816
TAC
DSM Input Channel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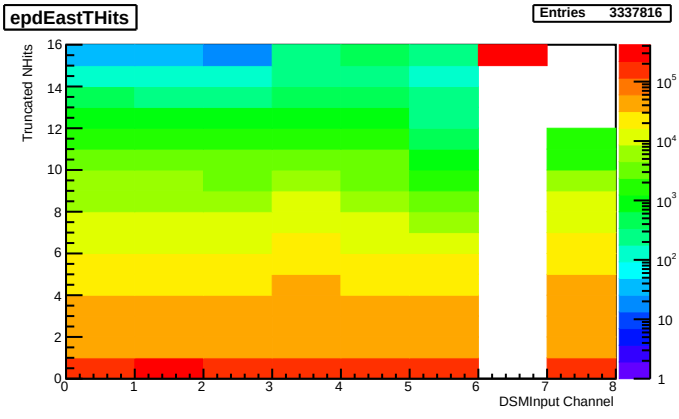
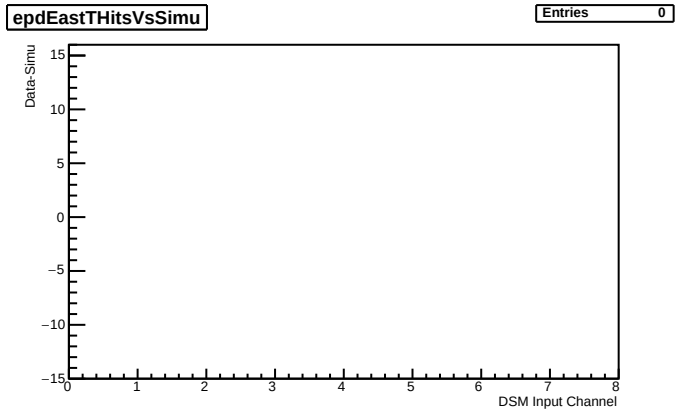
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3337816
Truncated NHits
DSMInput Channel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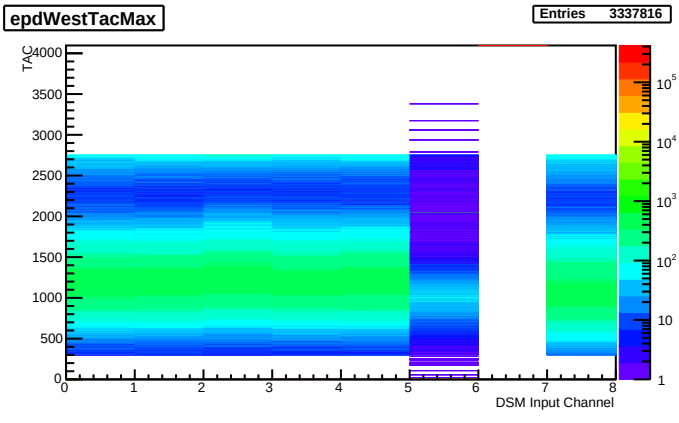
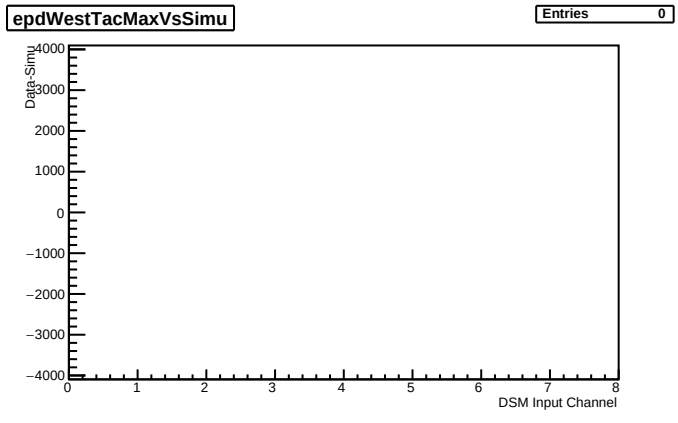
Entries 0
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 3337816
TAC
DSM Input Channel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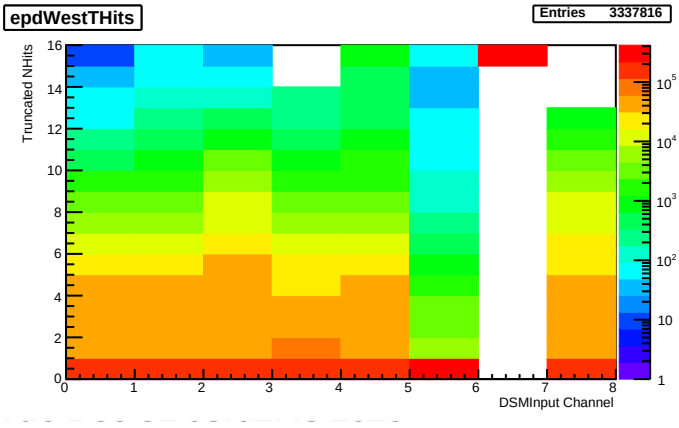
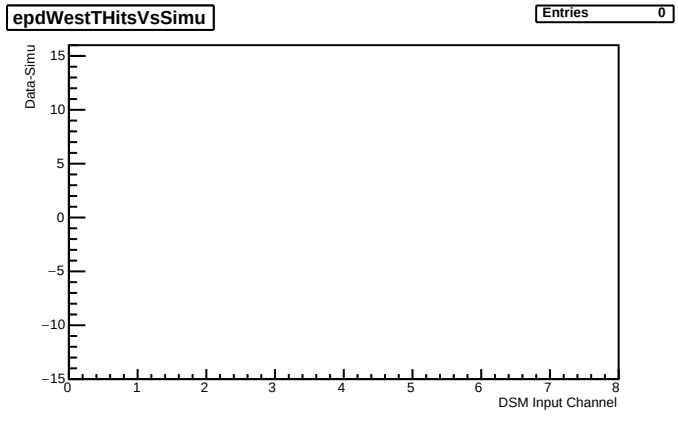
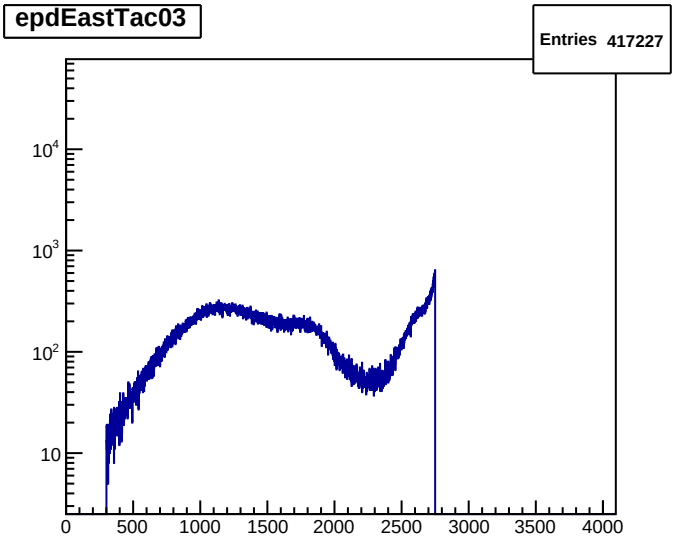
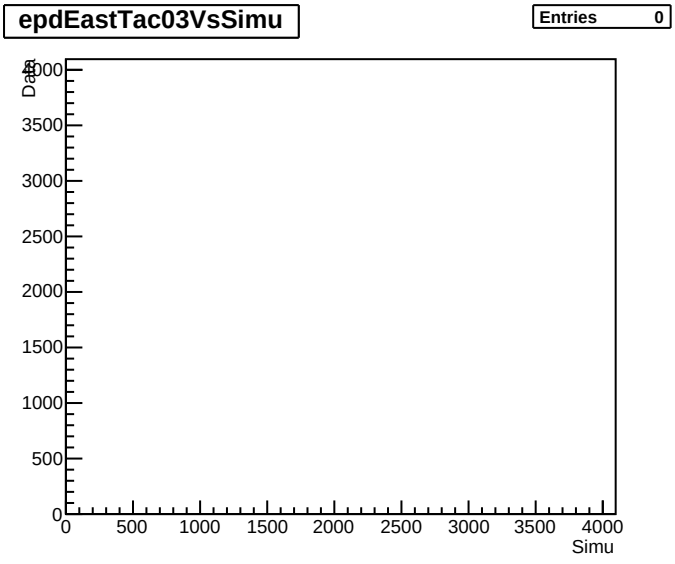
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3337816
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 417227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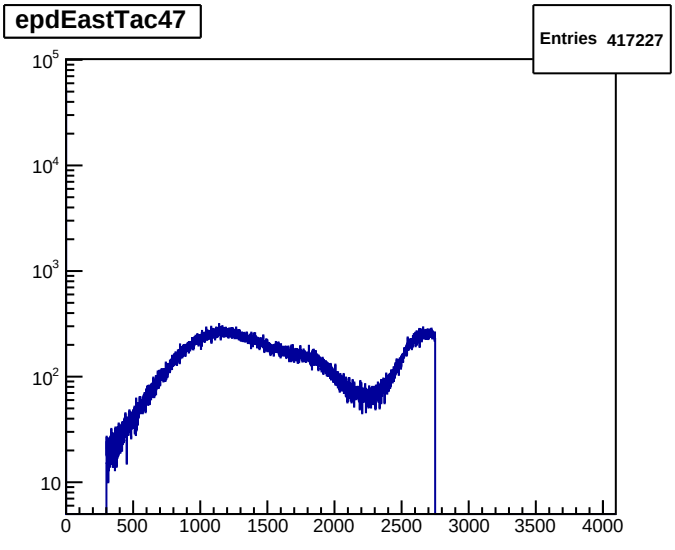
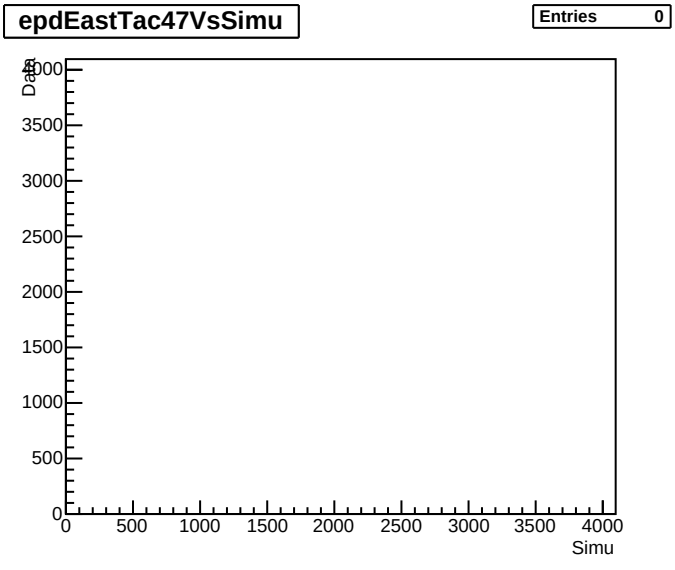
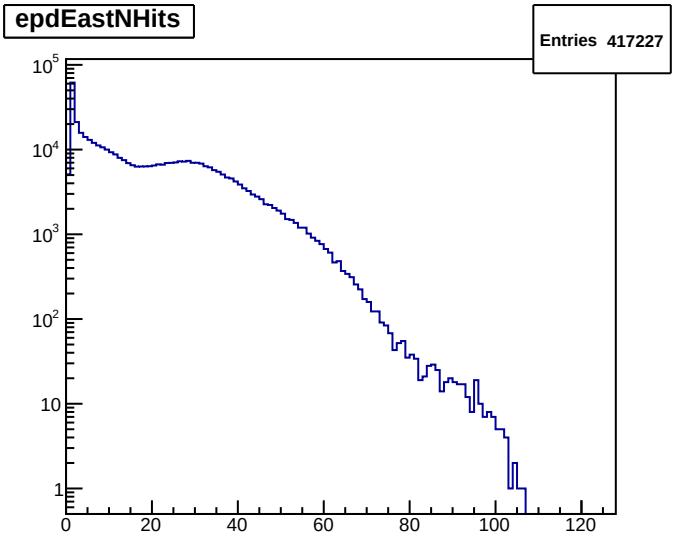
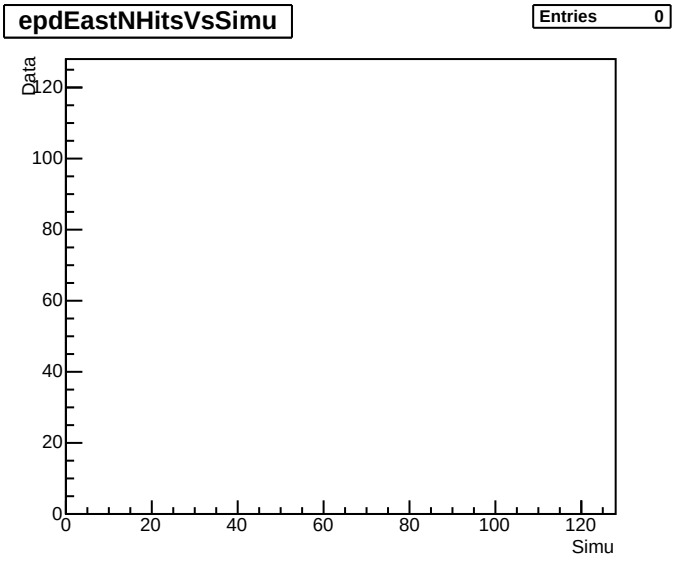
Entries 0
Data
Simu


epdEastTac47
Entries 417227


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 417227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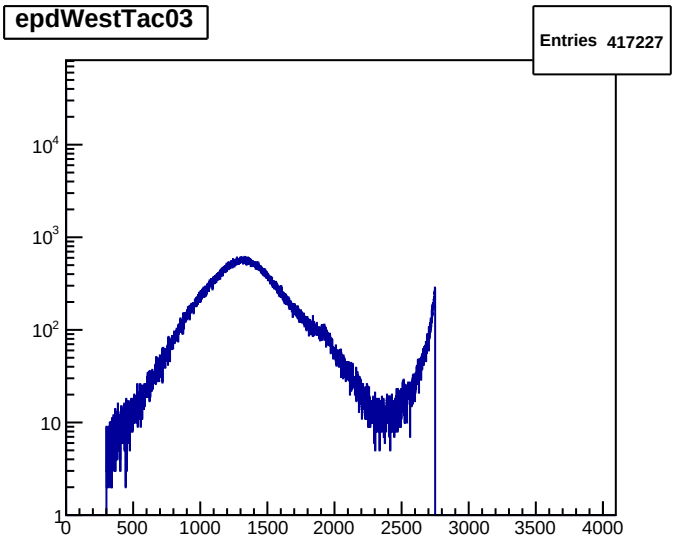
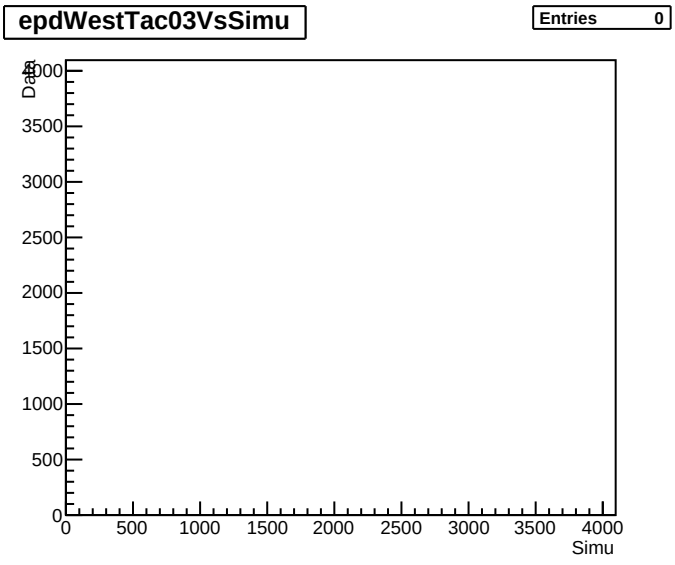
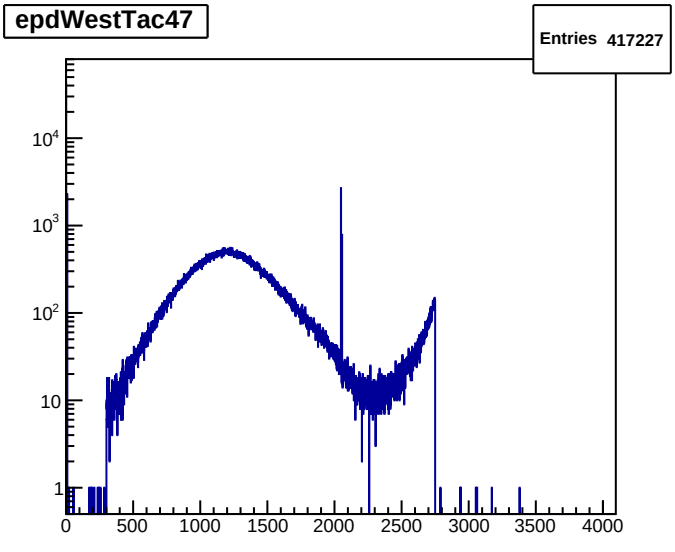
Entries 0
Data
Simu


epdWestTac03
Entries 417227


epdWestTac03VsSimu
Entries 0
Data
Simu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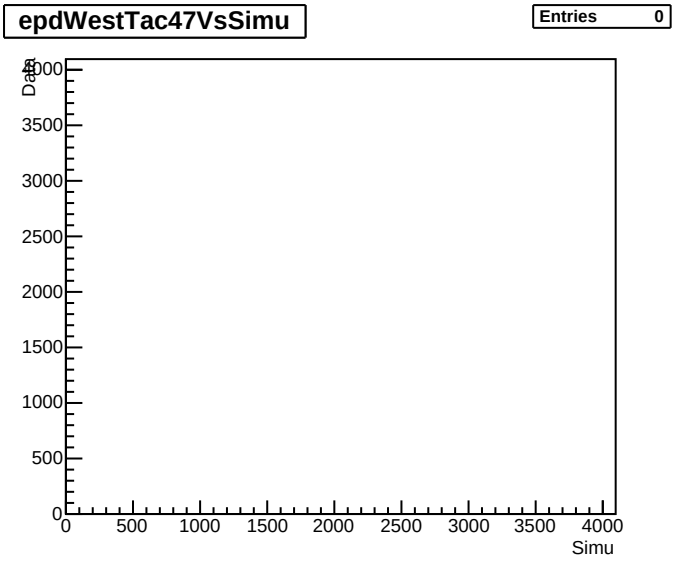
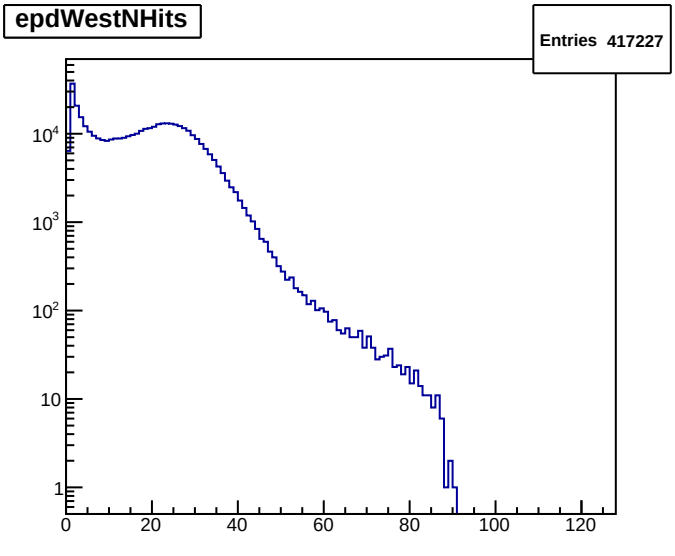
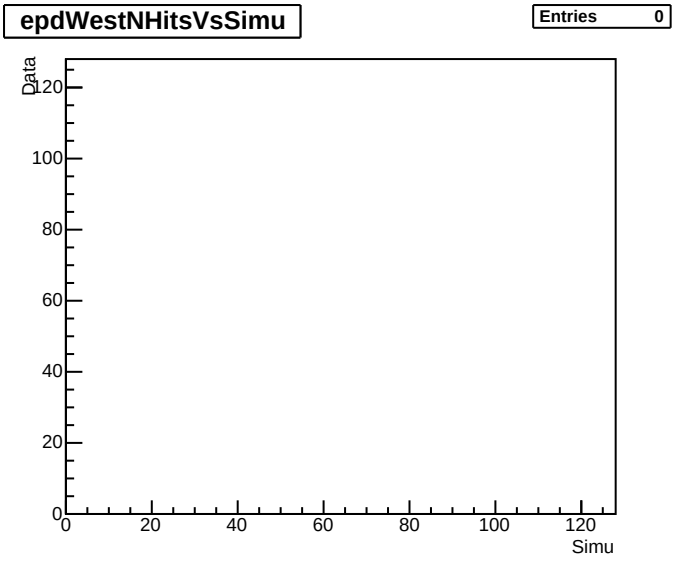
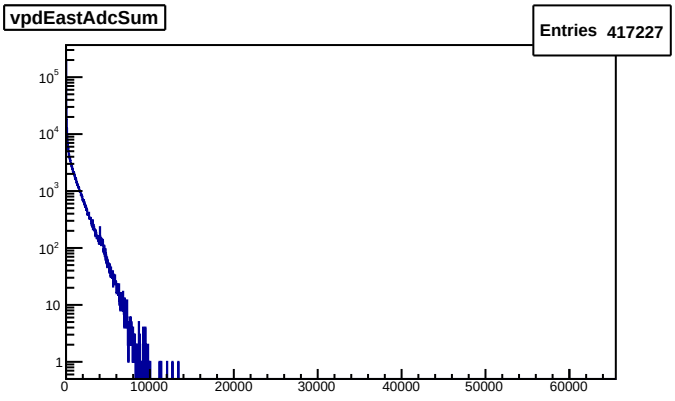
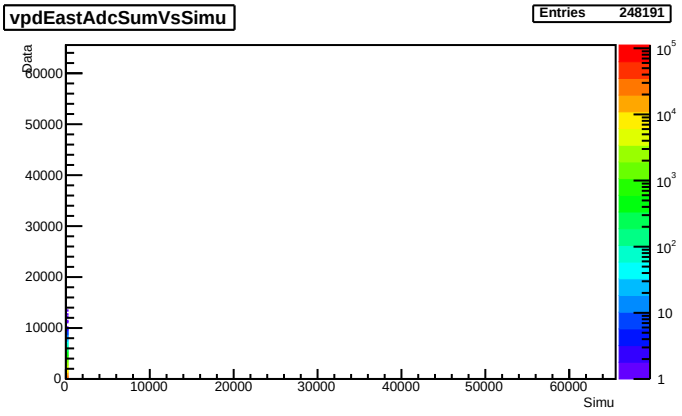
Entries 417227

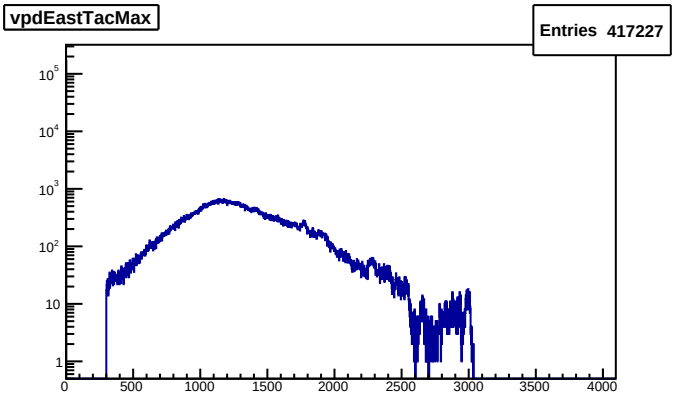

epdWestTac47VsSimu
Entries 0
Data
Simu

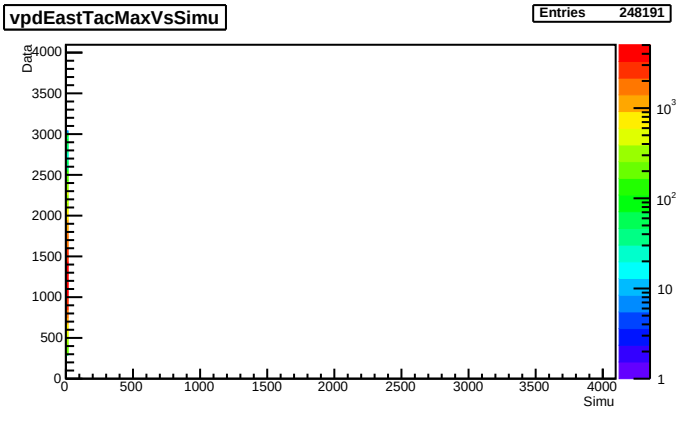

epdWestNHits
Entries 417227

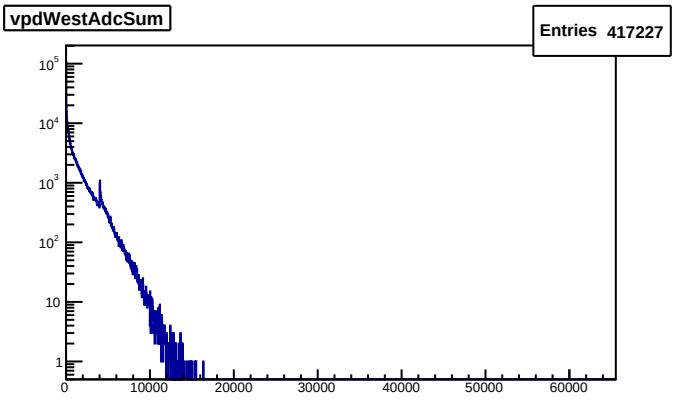

epdWestNHitsVsSimu
Entries 0
Data
Simu

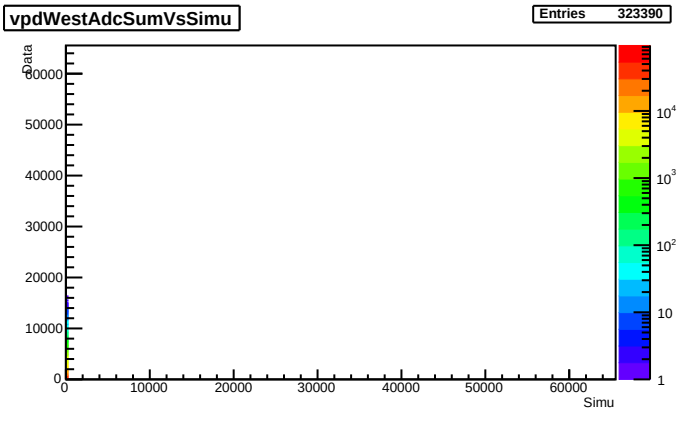

vpdEastAdcSum
Entries 417227

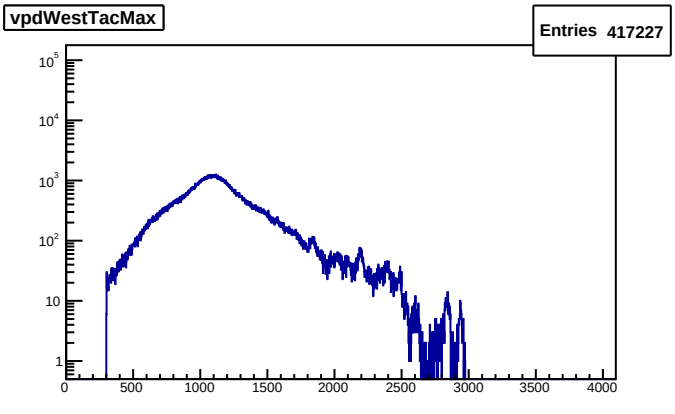

vpdEastAdcSumVsSimu
Entries 248191
Data
Simu

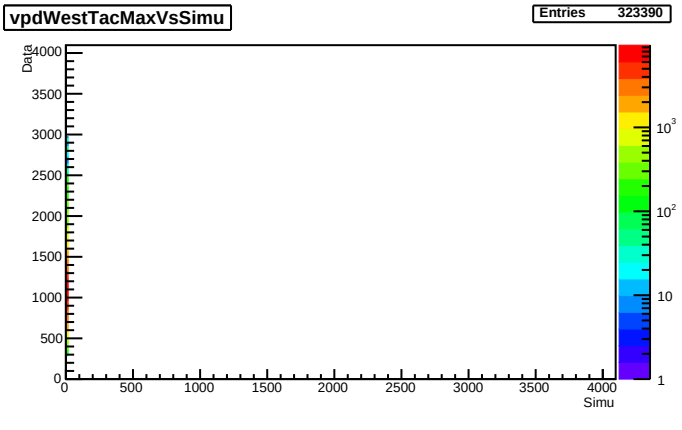

vpdEastTacMax
Entries 417227

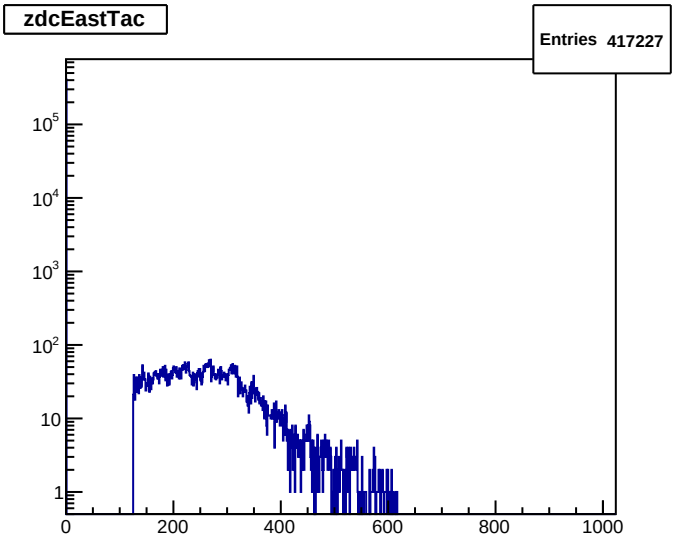

vpdEastTacMaxVsSimu
Entries 248191
Data
Simu

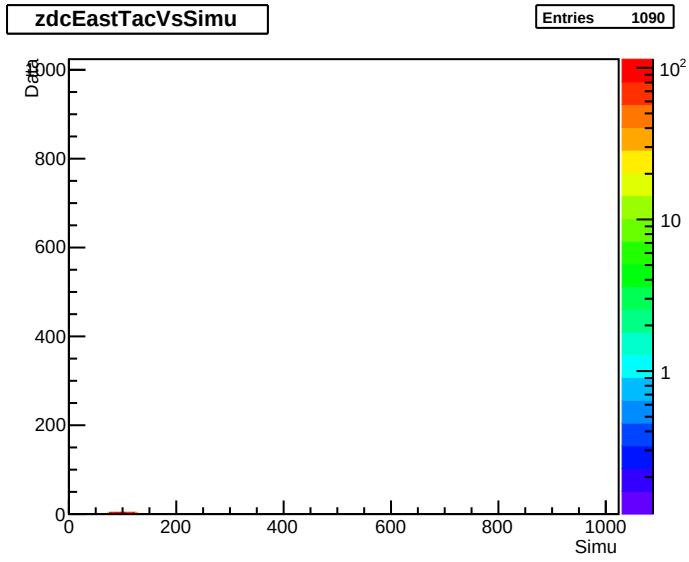

vpdWestAdcSum
Entries 417227

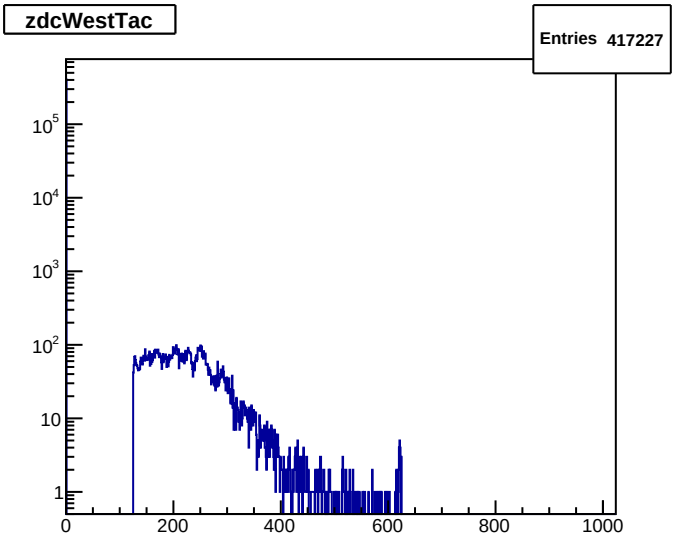

vpdWestAdcSumVsSimu
Entries 323390
Data
Simu

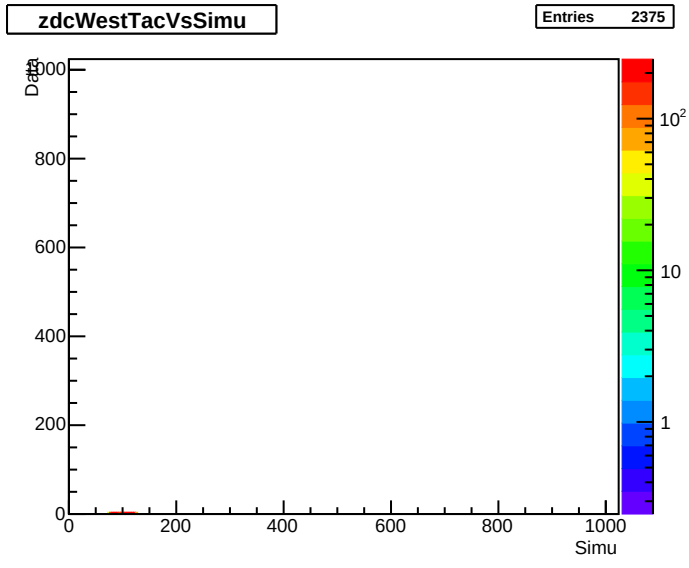

vpdWestTacMax
Entries 417227

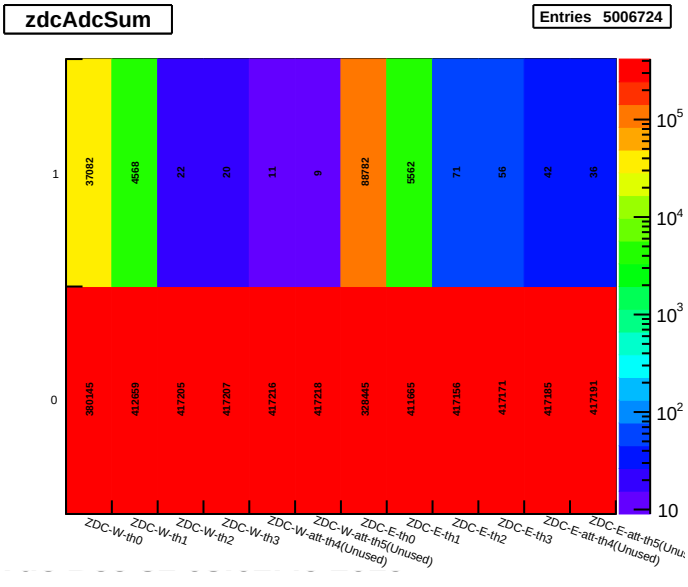

vpdWestTacMaxVsSimu
Entries 323390
Data
Simu

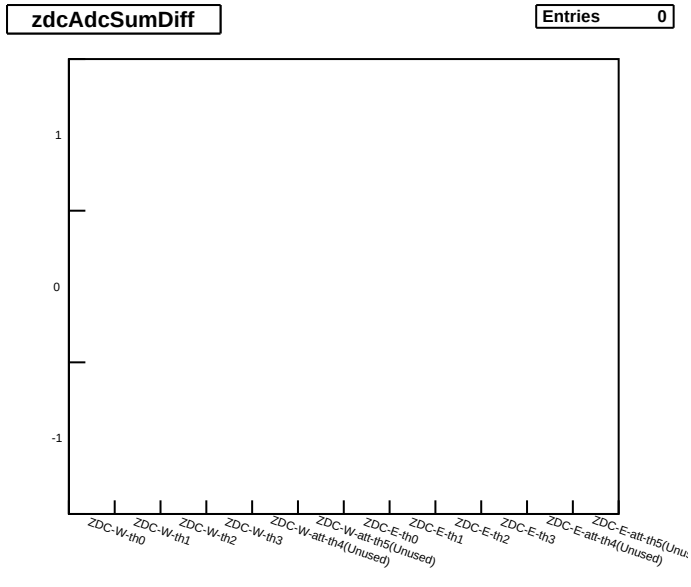

zdcEastTac
Entries 417227

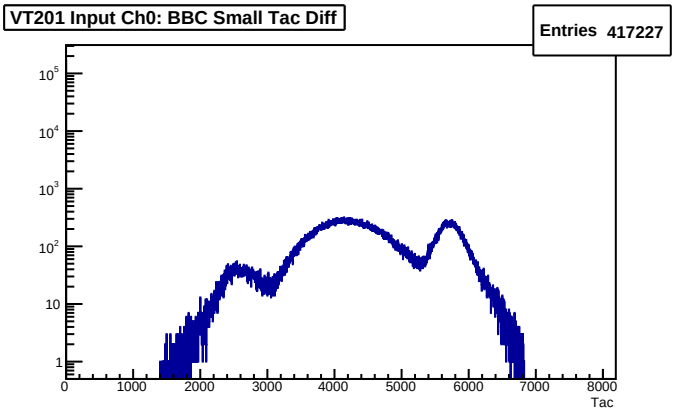

zdcEastTacVsSimu
Entries 1090
Data
Simu

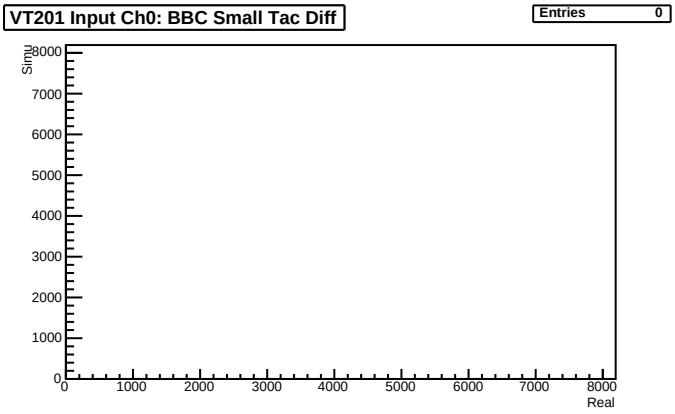

zdcWestTac
Entries 417227

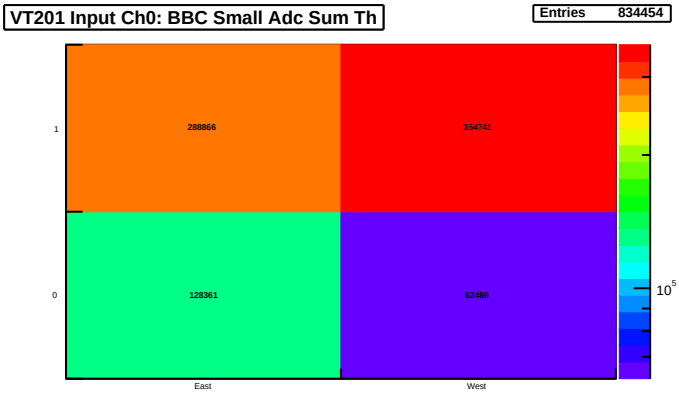

zdcWestTacVsSimu
Entries 2375
Data
Simu

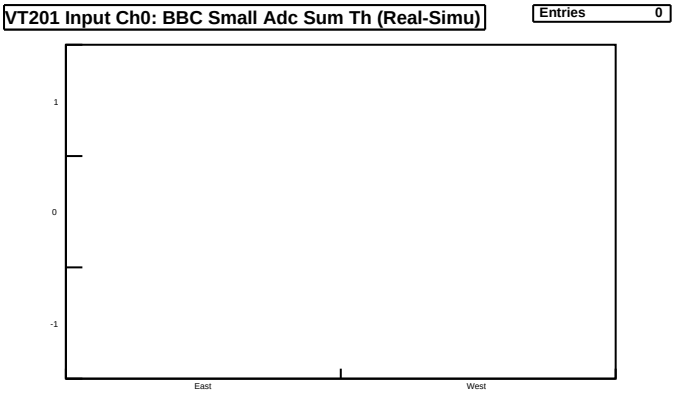

zdcAdcSum
Entries 5006724
37082
4568
22
20
11
9
88782
5562
71
56
42
36
380145
412659
417205
417207
417216
417218
328445
411665
417156
417171
417185
417191
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

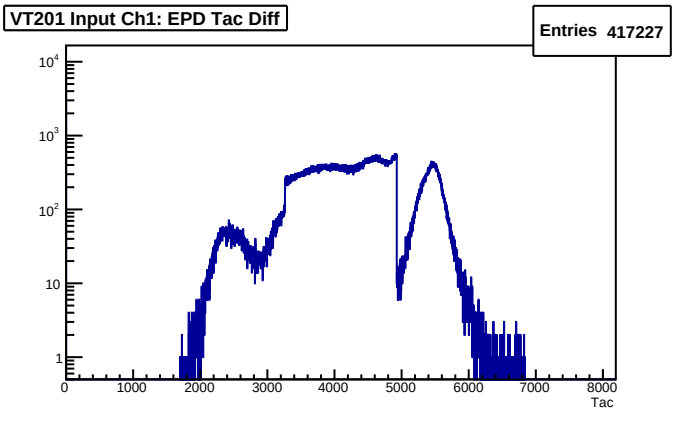

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

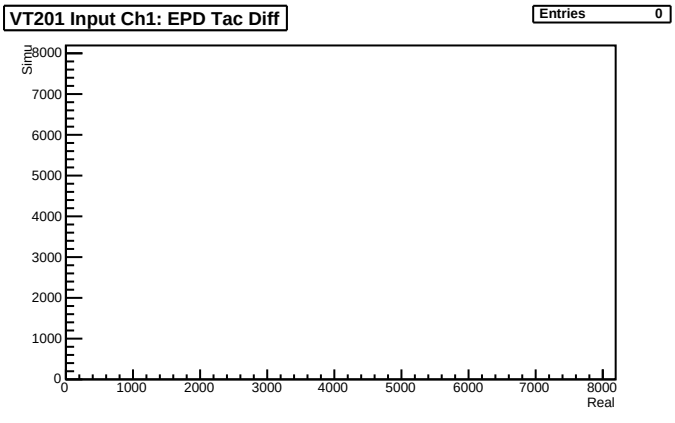

VT201 Input Ch0: BBC Small Tac Diff
Entries 417227
Tac

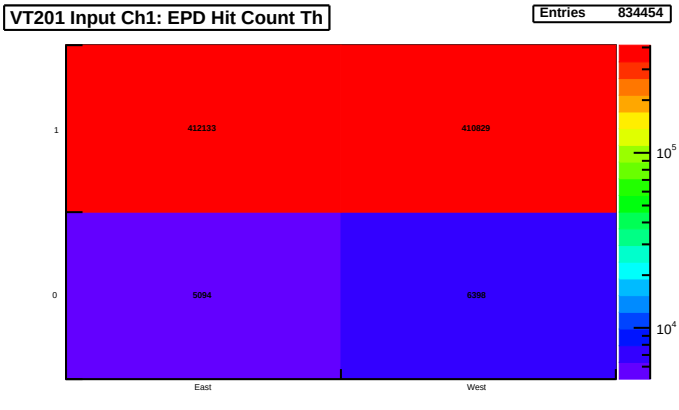

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

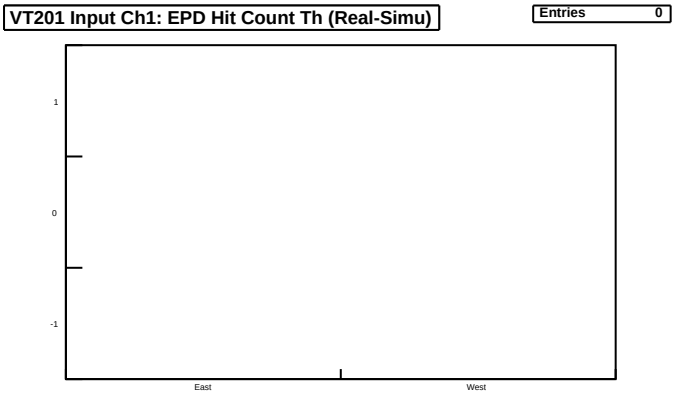

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 834454
288866
354741
128361
62486
East
West

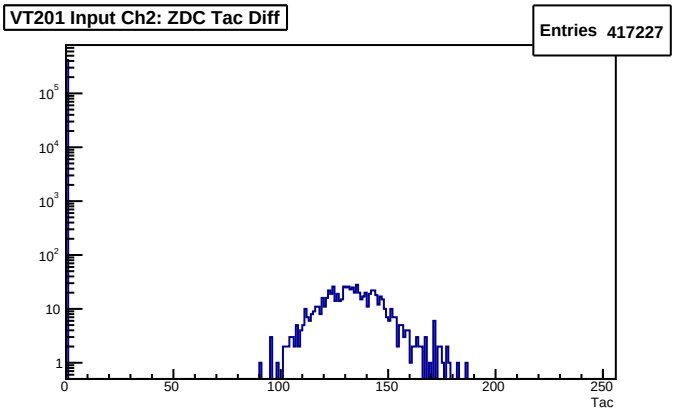

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

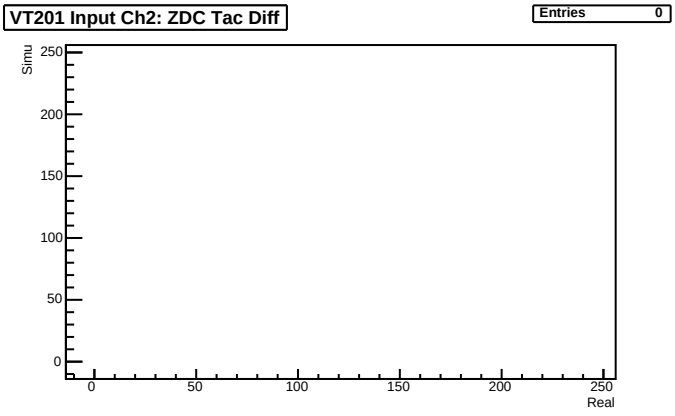

VT201 Input Ch1: EPD Tac Diff
Entries 417227
Tac

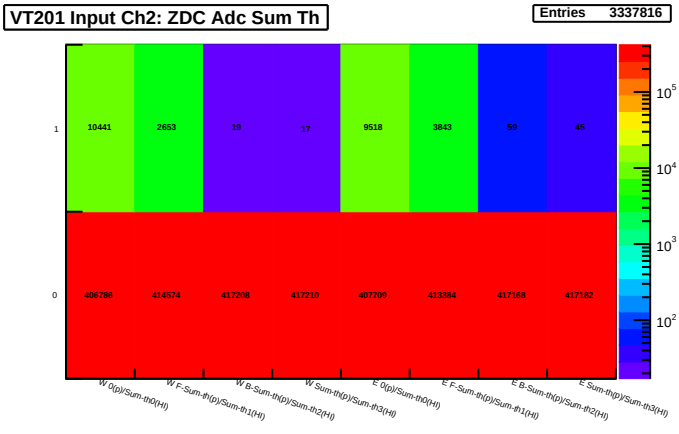

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

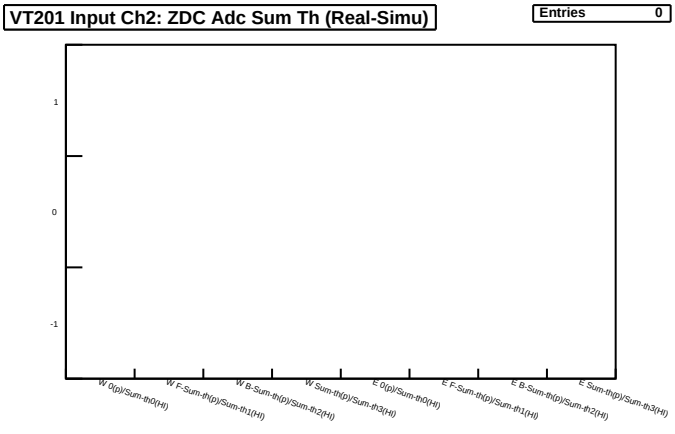

VT201 Input Ch1: EPD Hit Count Th
Entries 834454
412133
410829
5094
6398
East
West

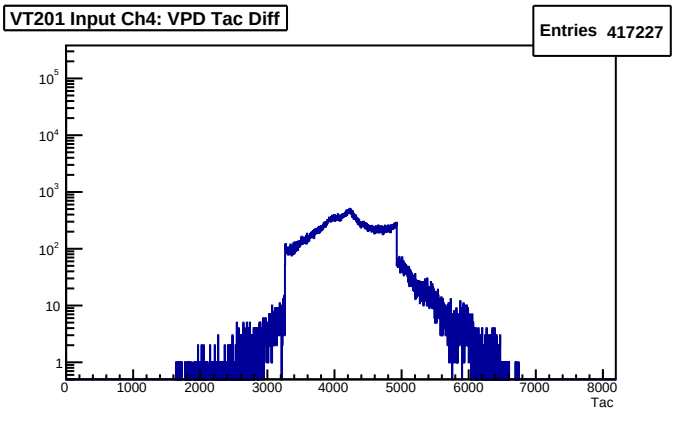

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

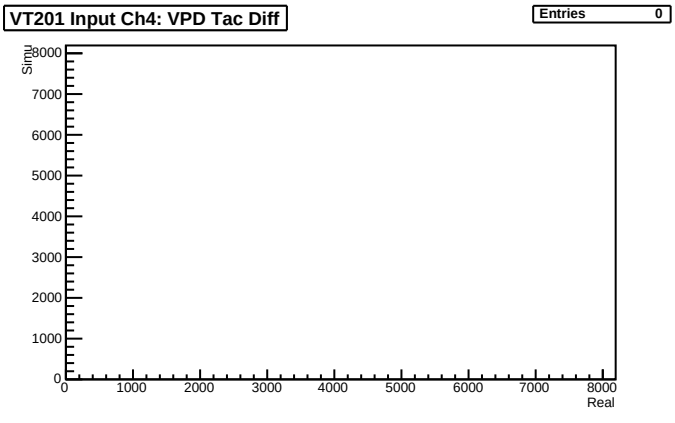

VT201 Input Ch2: ZDC Tac Diff
Entries 417227
Tac

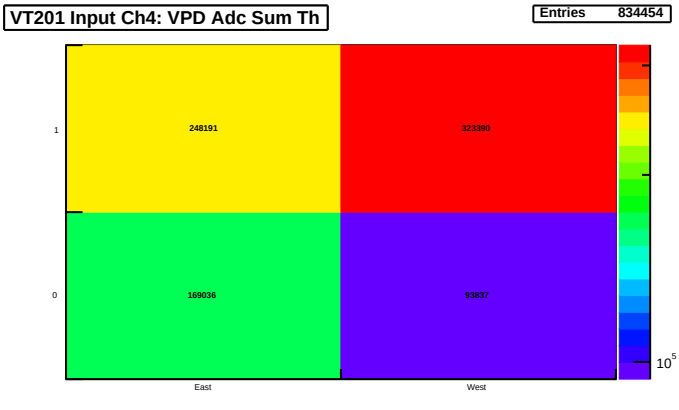

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

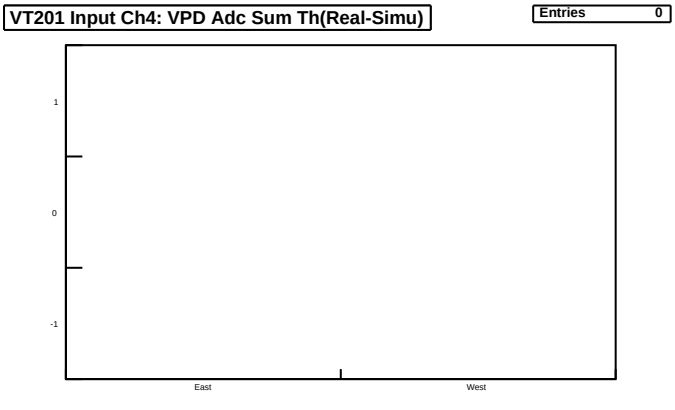

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3337816
10441
2653
19
17
9518
3843
59
45
406786
414574
417208
417210
407709
413384
417168
417182
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

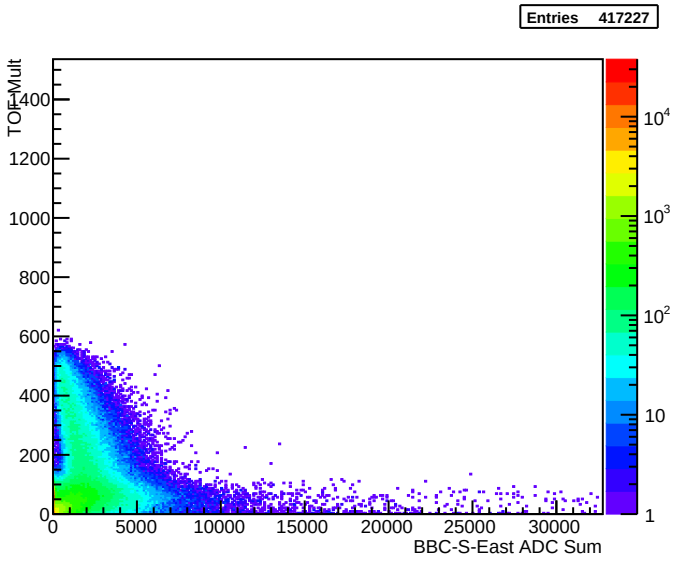

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

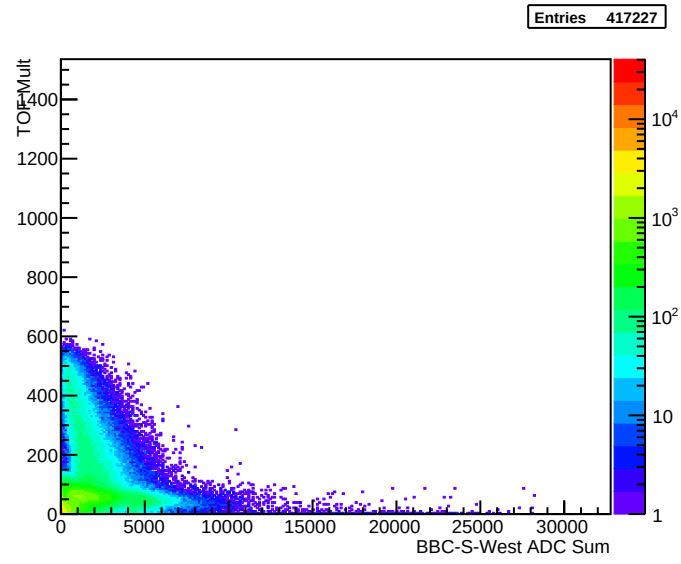

VT201 Input Ch4: VPD Tac Diff
Entries 417227
Tac

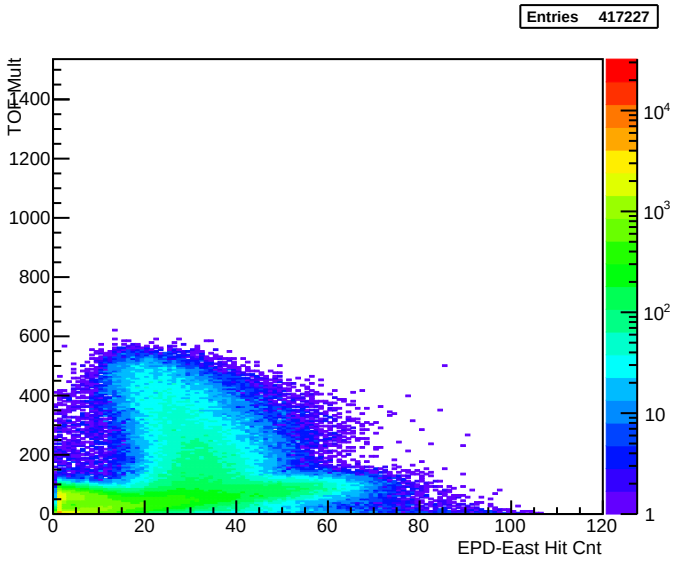

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

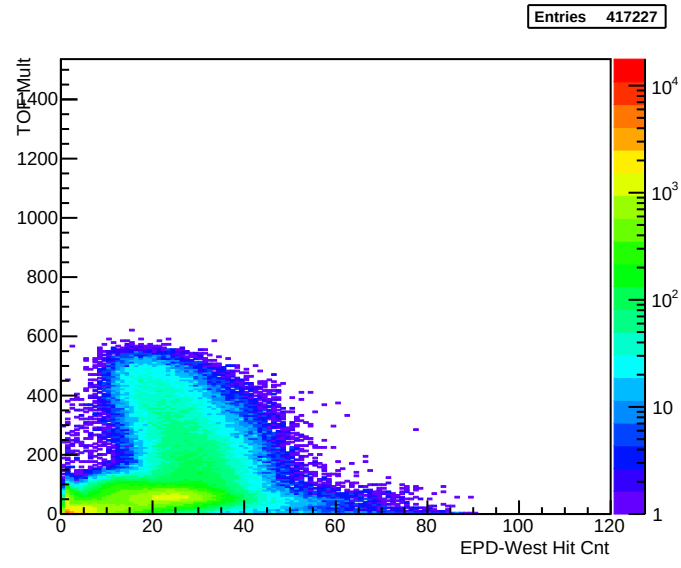

VT201 Input Ch4: VPD Adc Sum Th
Entries 834454
248191
323390
169036
93837
East
West

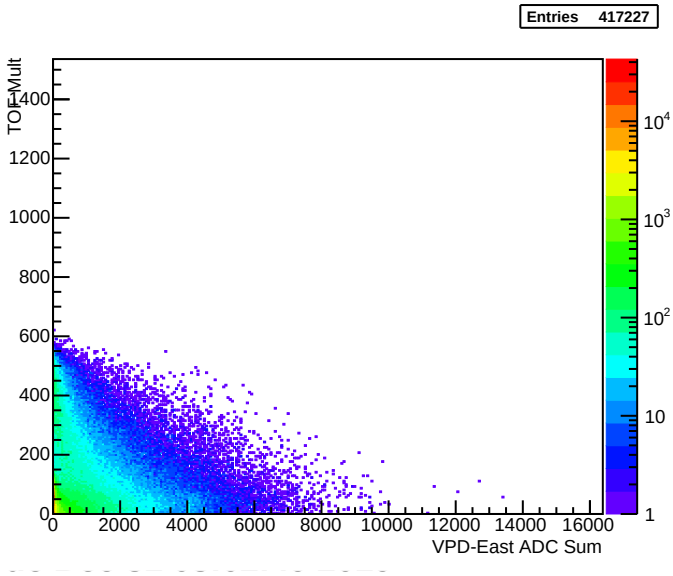

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

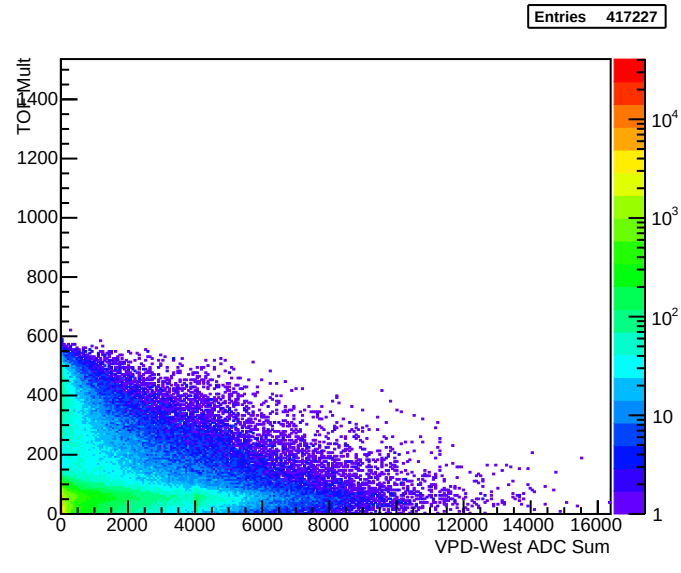

Entries 417227
TOF-Mult
BBC-S-East ADC Sum

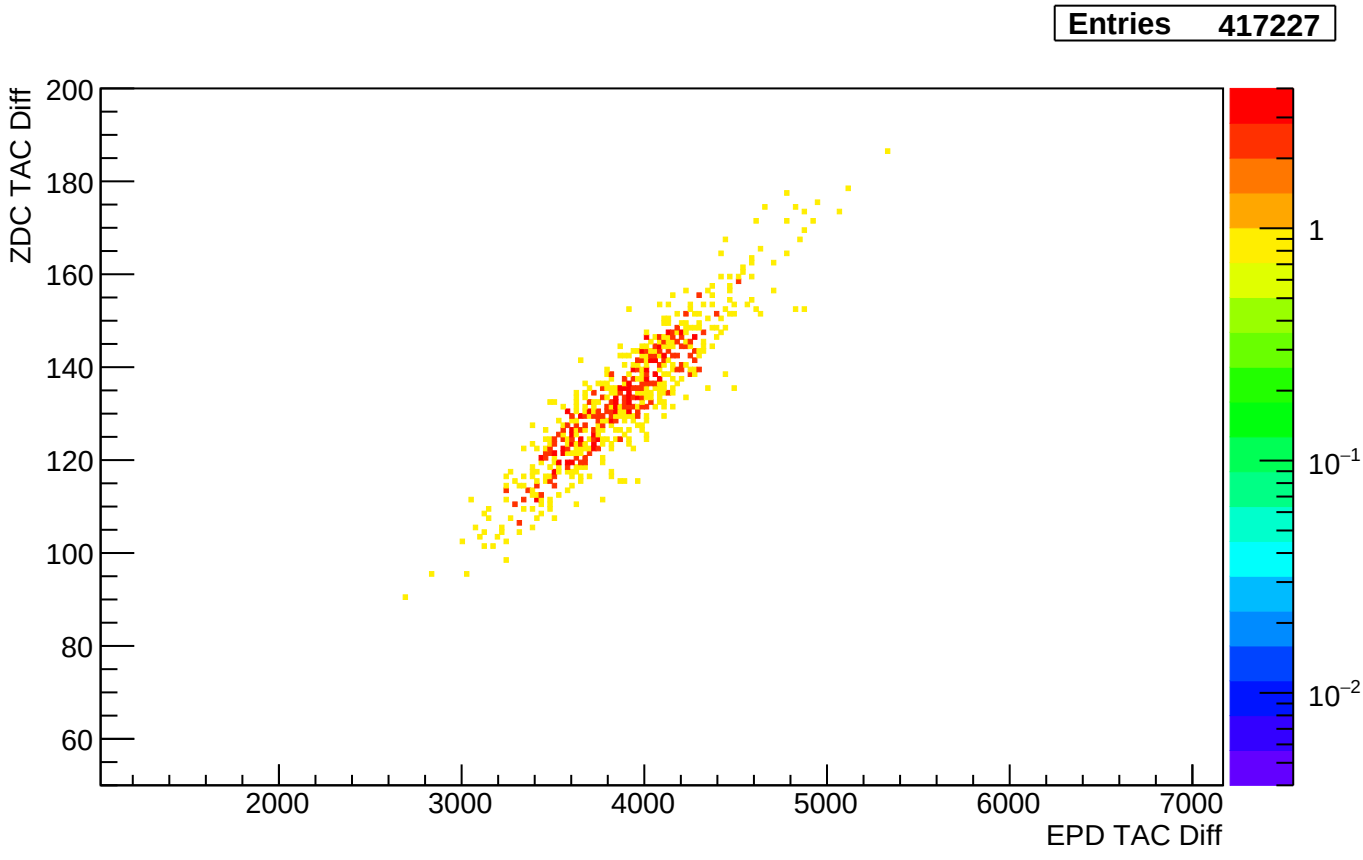

Entries 417227
TOF-Mult
BBC-S-West ADC Sum

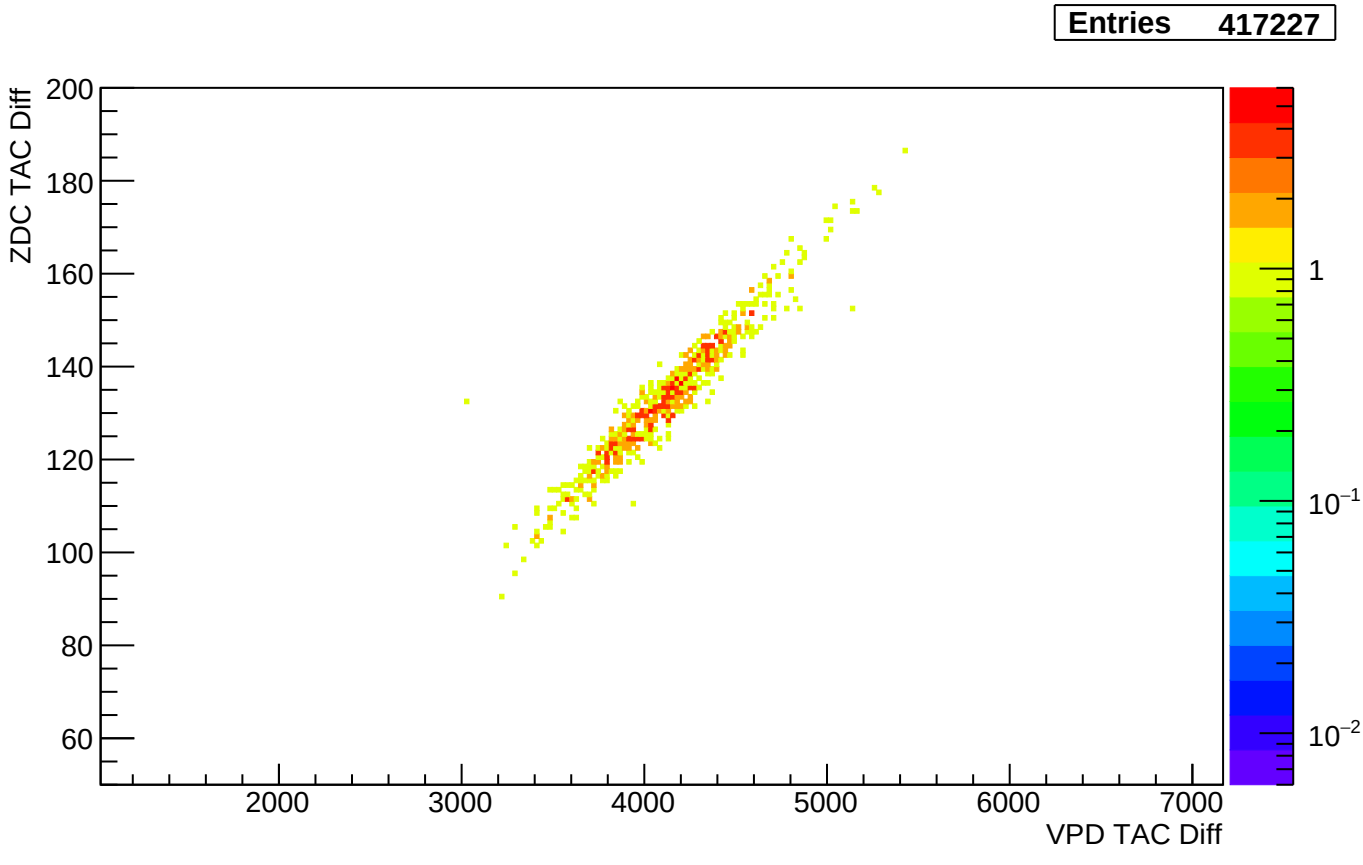

Entries 417227
TOF-Mult
EPD-East Hit Cnt

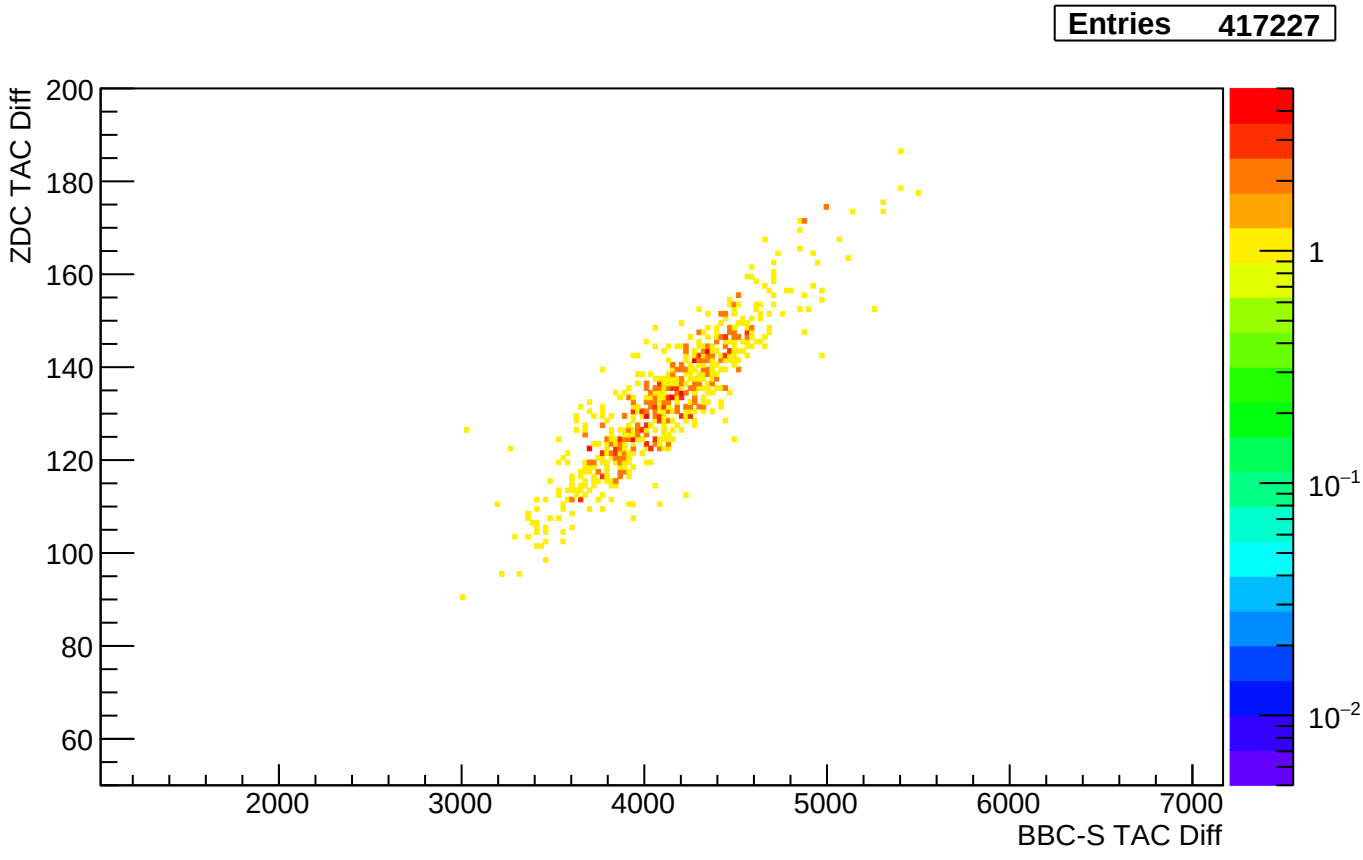

Entries 417227
TOF-Mult
EPD-West Hit Cnt

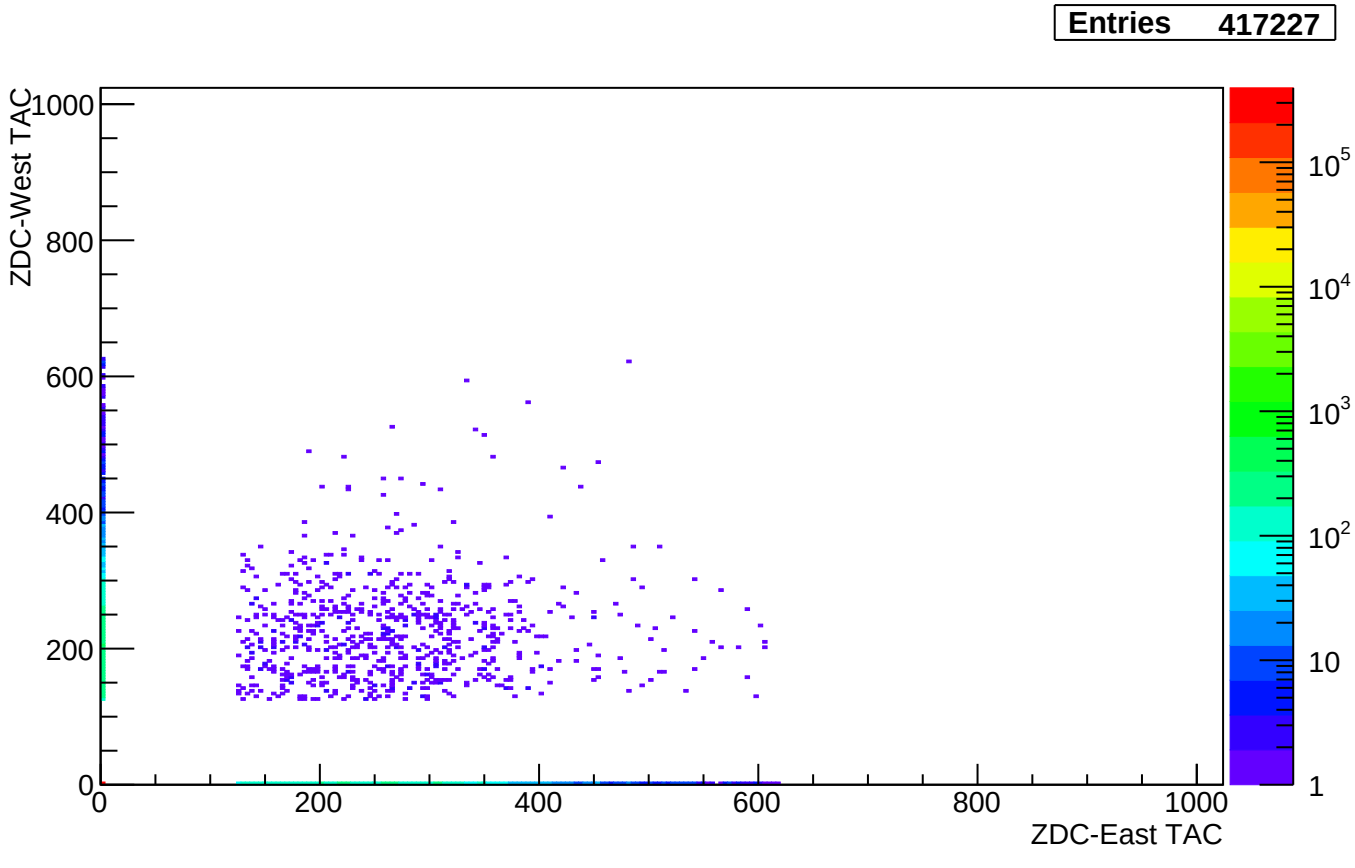

Entries 417227
TOF-Mult
VPD-East ADC Sum

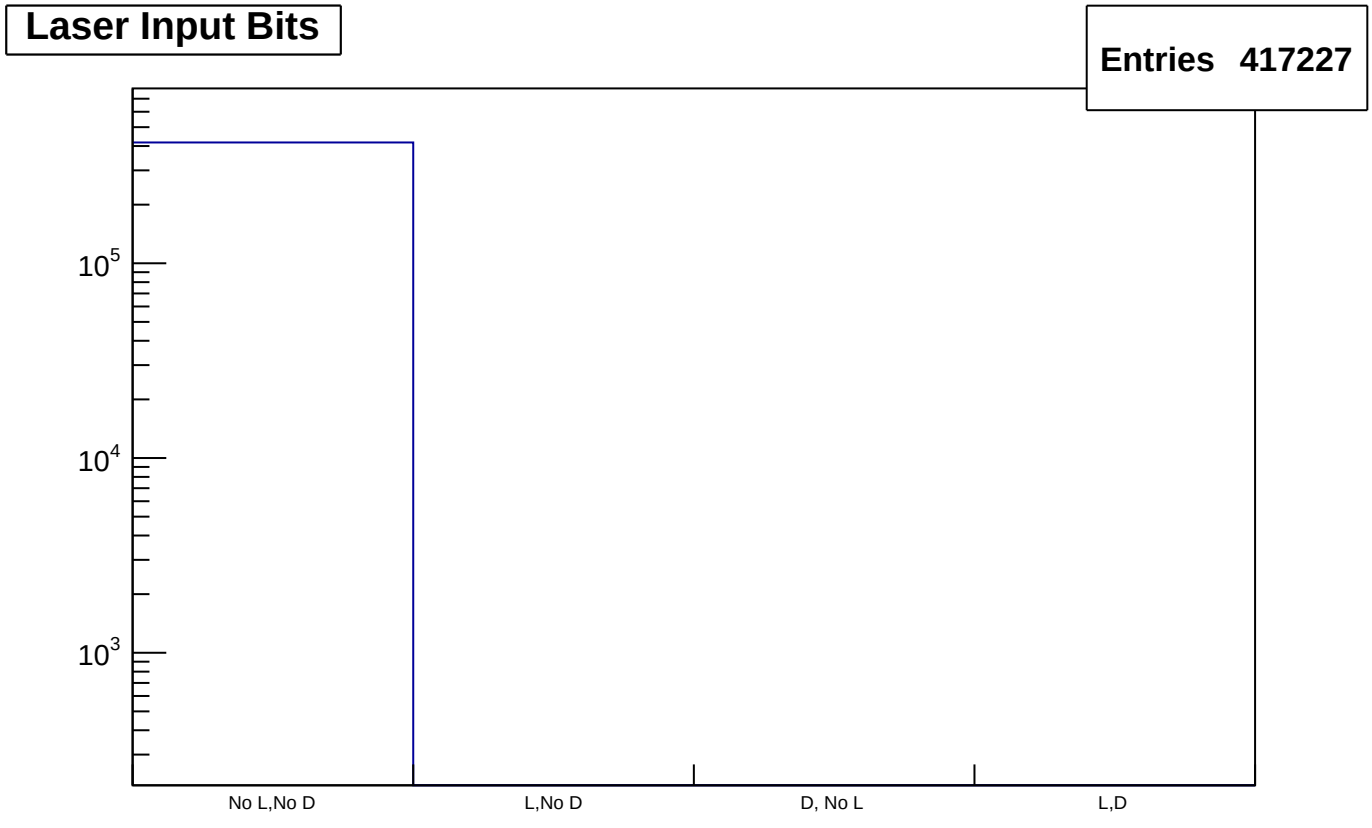

Entries 417227
TOF-Mult
VPD-West ADC Sum

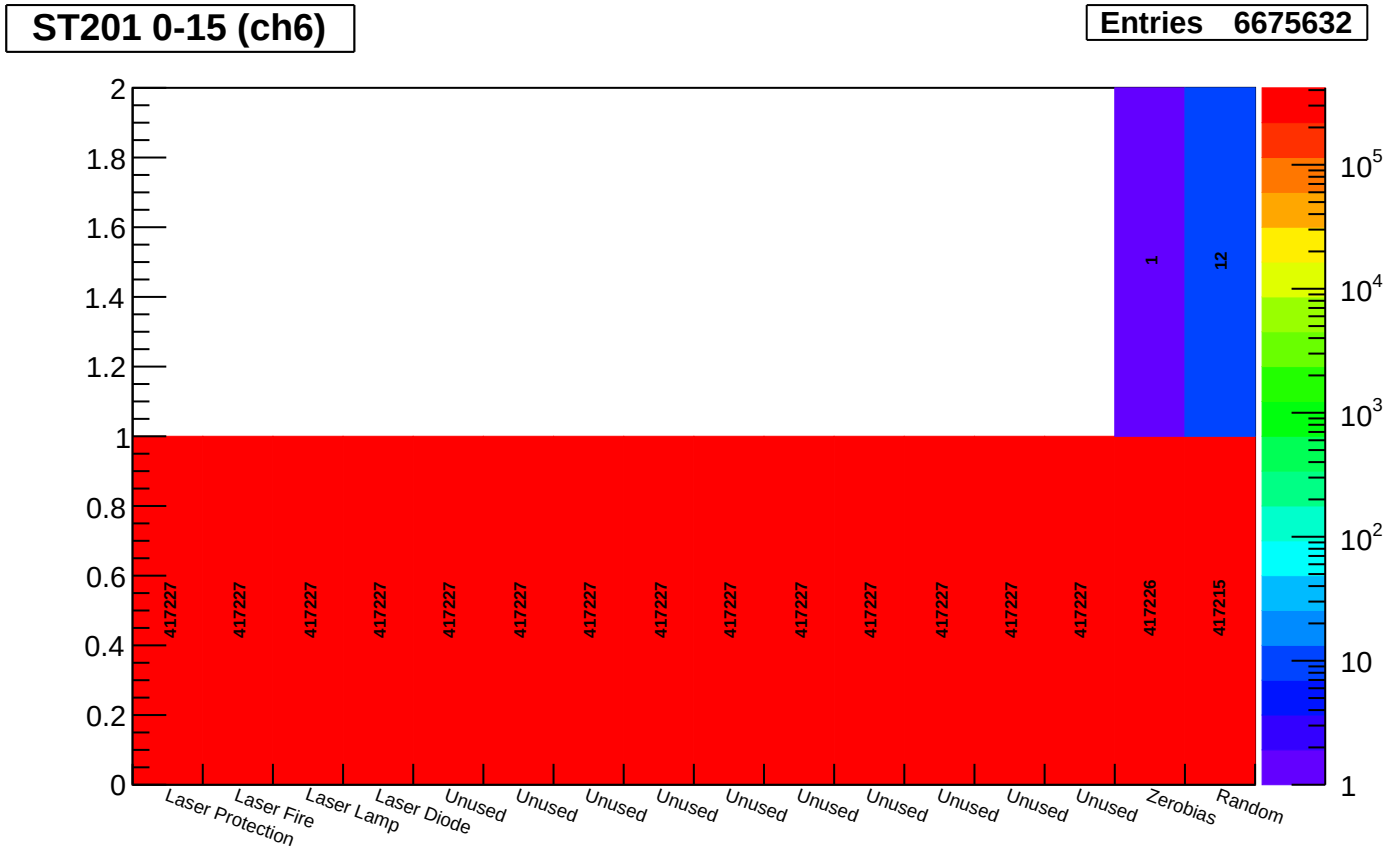

Entries 417227
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

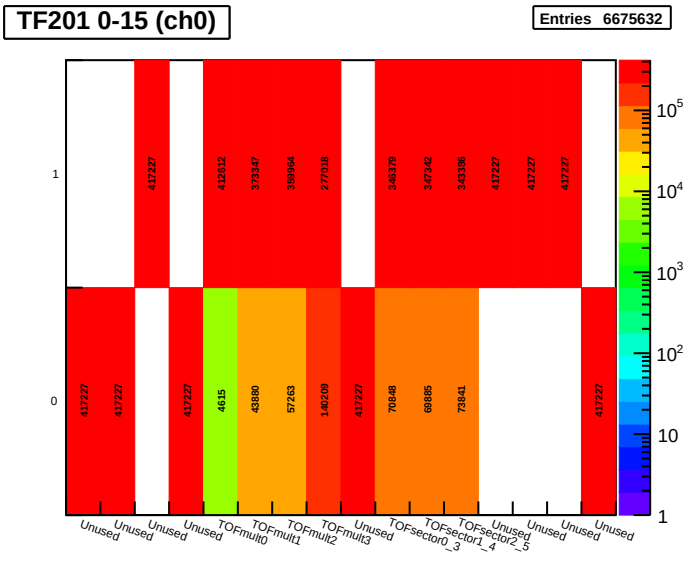

Entries 417227
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

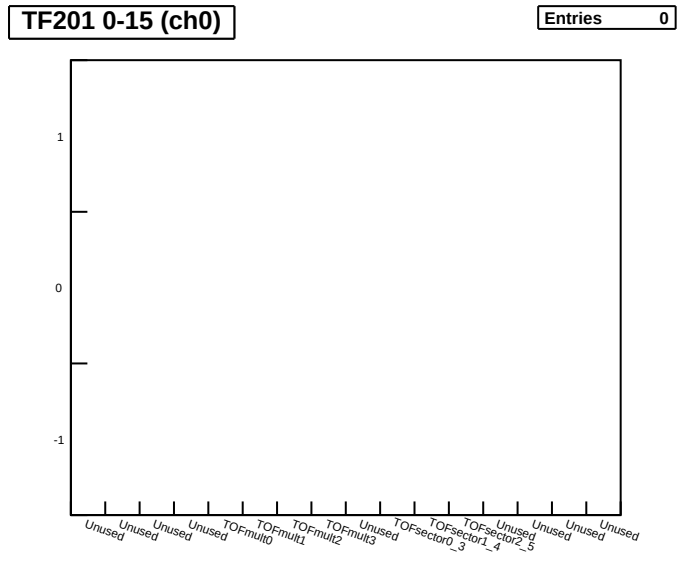

Entries 417227
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

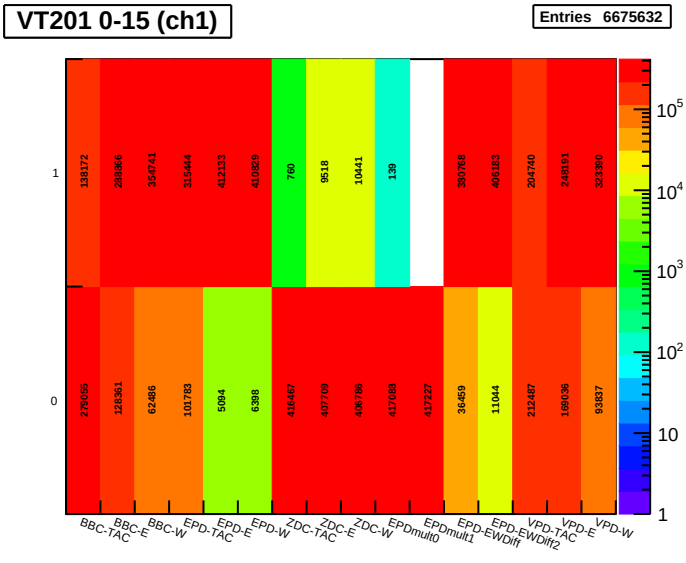

Entries 417227
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

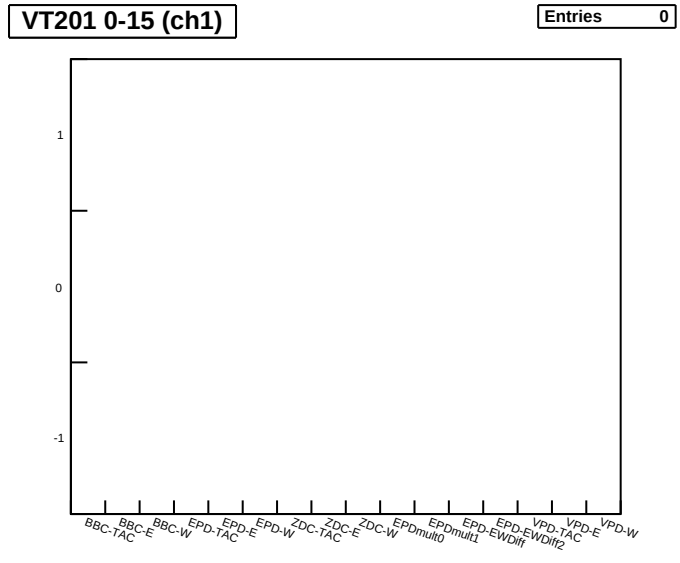

Laser Input Bits
Entries 417227
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

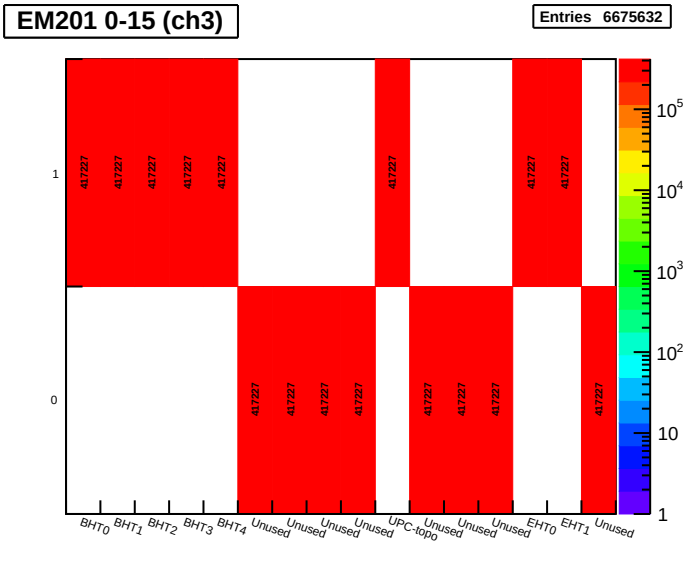

ST201 0-15 (ch6)
Entries 6675632
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
417227
417226
417215
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

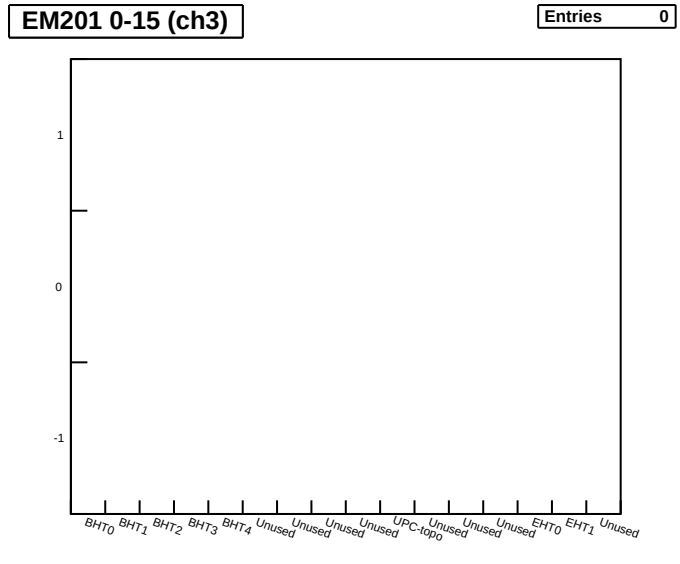

TF201 0-15 (ch0)
Entries 6675632
417227
412612
373347
369964
277018
348379
347342
343386
417227
417227
417227
417227
417227
417227
417227
4615
43880
57263
140209
417227
70848
69885
73841
417227
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


TF201 0-15 (ch0)
Entries 0
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 6675632
138172
288866
354741
315444
412133
410829
760
9518
10441
139
380768
406183
204740
248191
323380
279055
128361
62486
101783
5094
6398
416467
407709
406786
417088
417227
36459
11044
212487
169036
93837
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


VT201 0-15 (ch1)
Entries 0
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 6675632
417227
417227
417227
417227
417227
417227
417227
417227
417227
417227
417227
417227
417227
417227
417227
417227
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1


EM201 0-15 (ch3)
Entries 0
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1