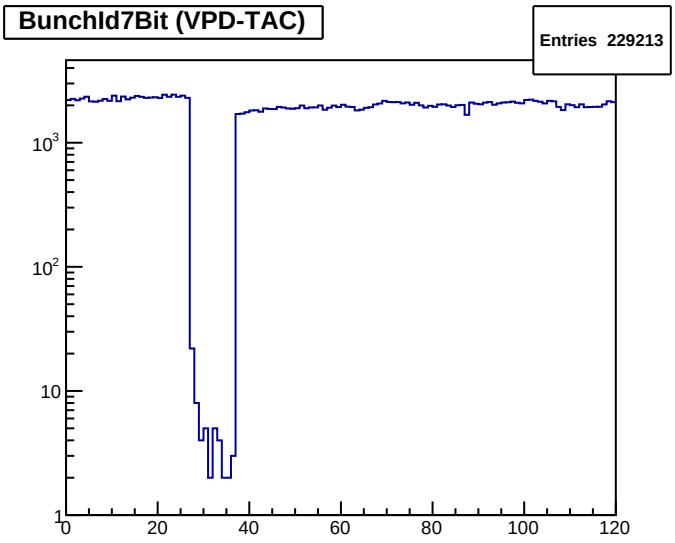
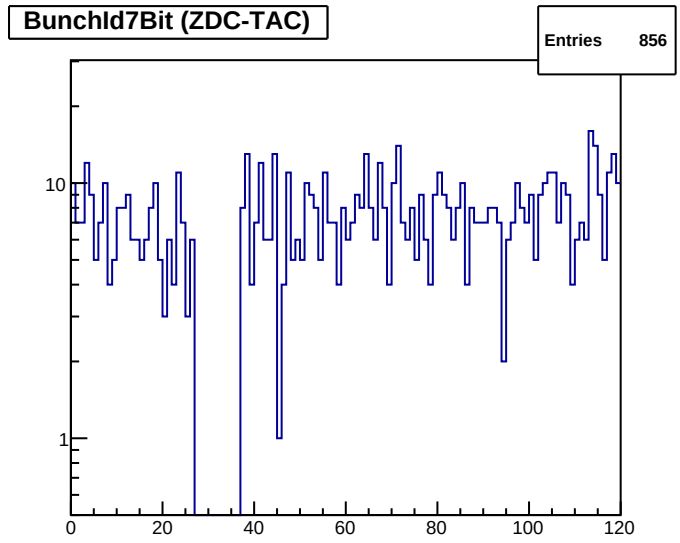
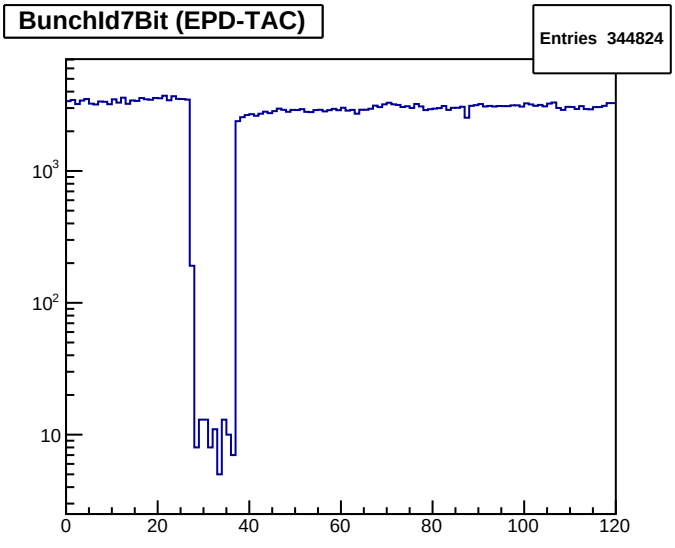
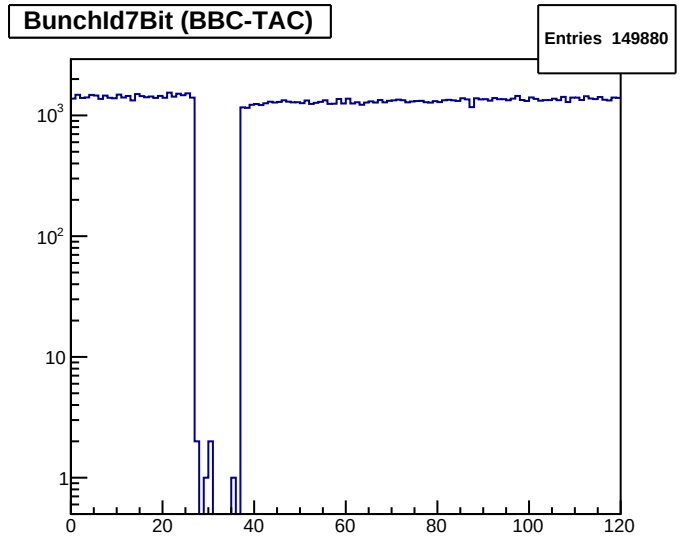
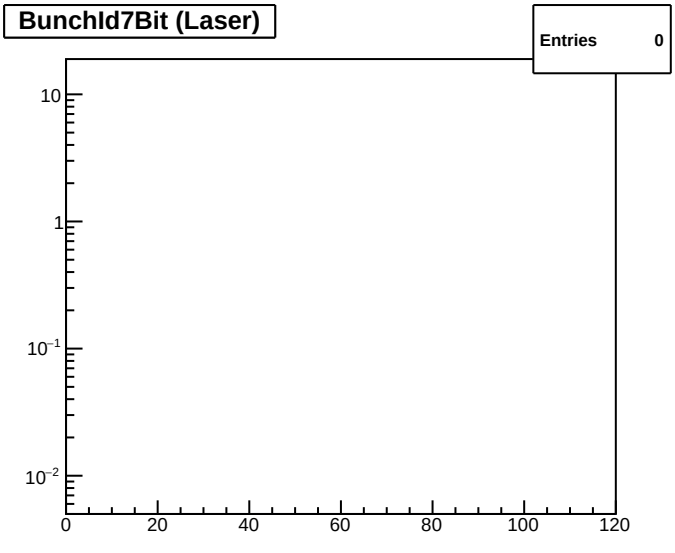
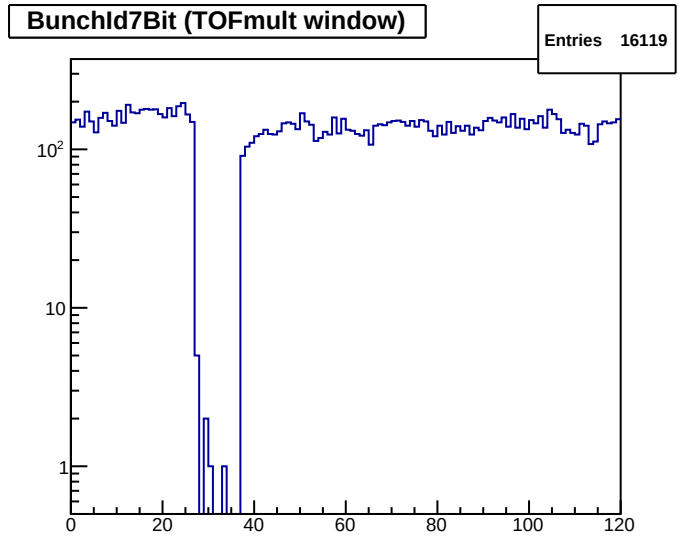

BunchId7Bit (VPD-TAC)
Entries 229213

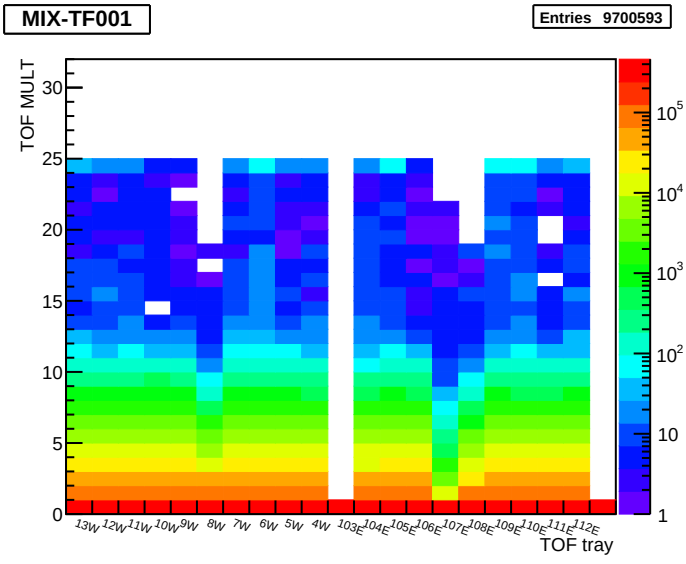

BunchId7Bit (ZDC-TAC)
Entries 856

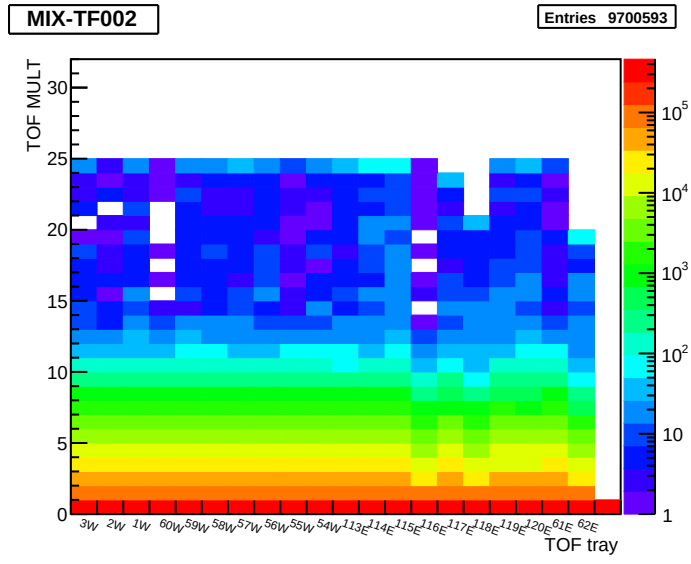

BunchId7Bit (EPD-TAC)
Entries 344824

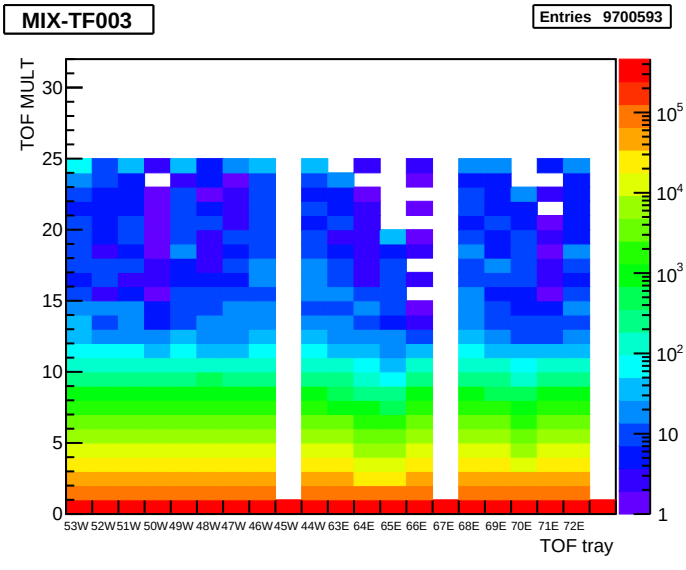

BunchId7Bit (BBC-TAC)
Entries 149880

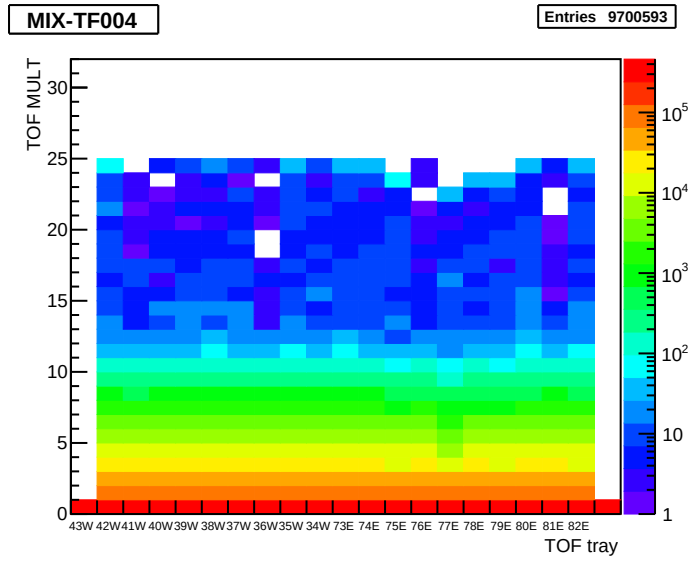

BunchId7Bit (Laser)
Entries 0

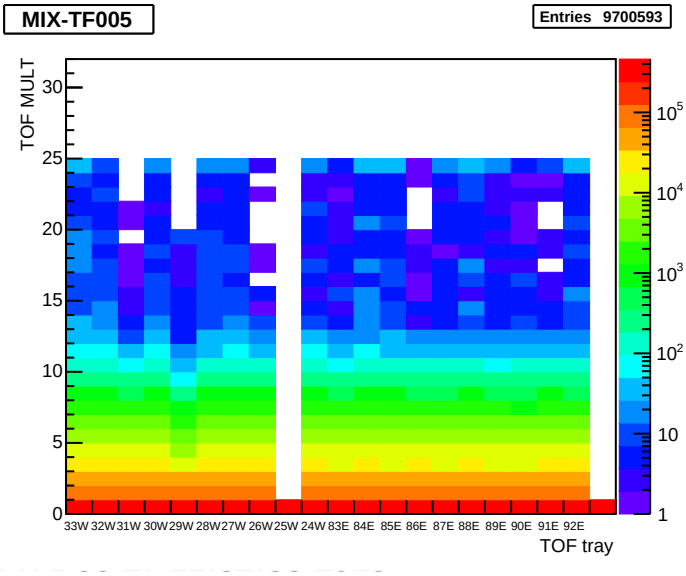

BunchId7Bit (TOFmult window)
Entries 16119

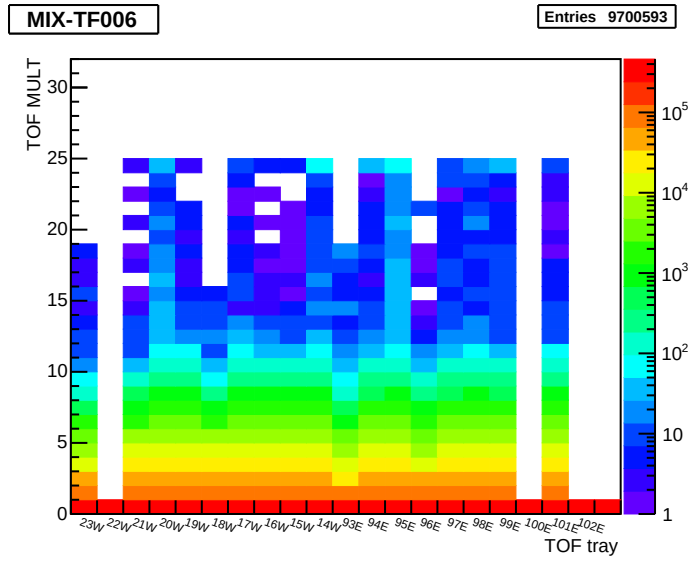

MIX-TF001
Entries 9700593
TOF MULT
TOF tray

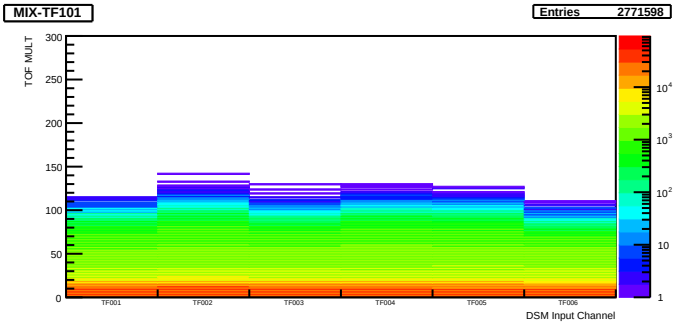

MIX-TF002
Entries 9700593
TOF MULT
TOF tray

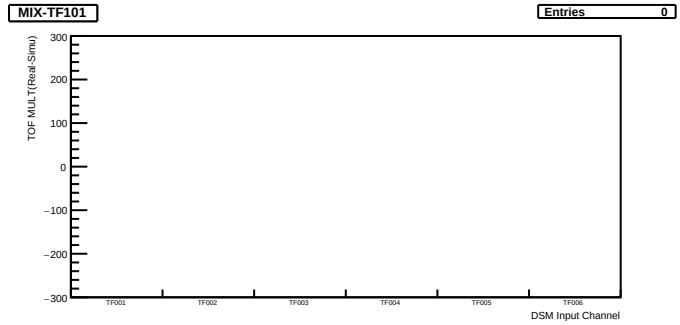

MIX-TF003
Entries 9700593
TOF MULT
TOF tray

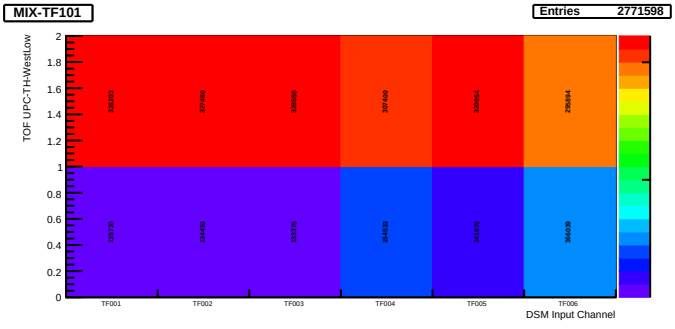

MIX-TF004
Entries 9700593
TOF MULT
TOF tray

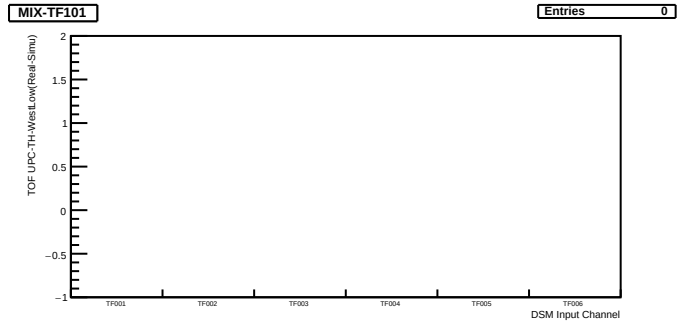

MIX-TF005
Entries 9700593
TOF MULT
TOF tray

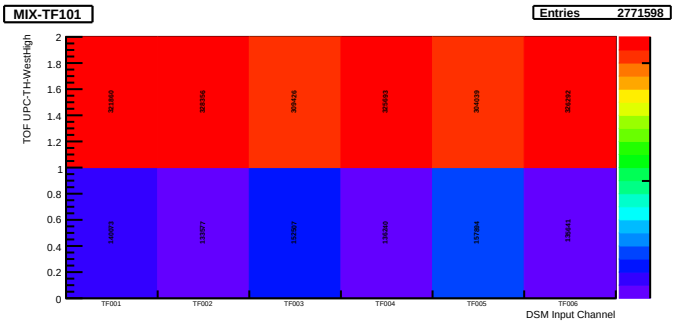

MIX-TF006
Entries 9700593
TOF MULT
TOF tray

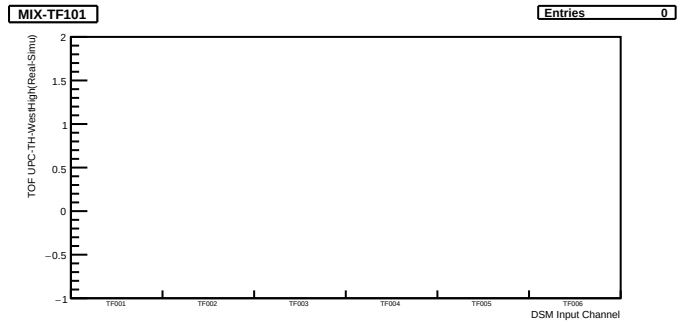

MIX-TF101
Entries 2771598
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

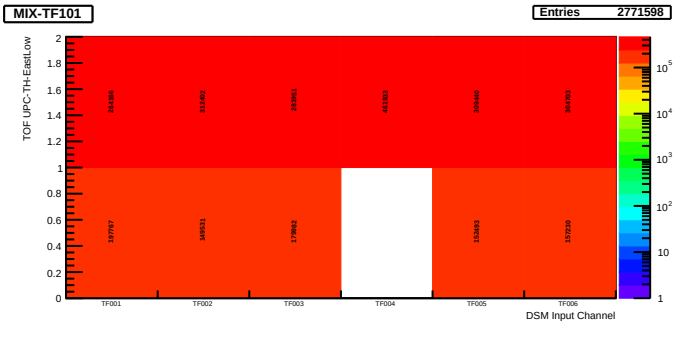

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

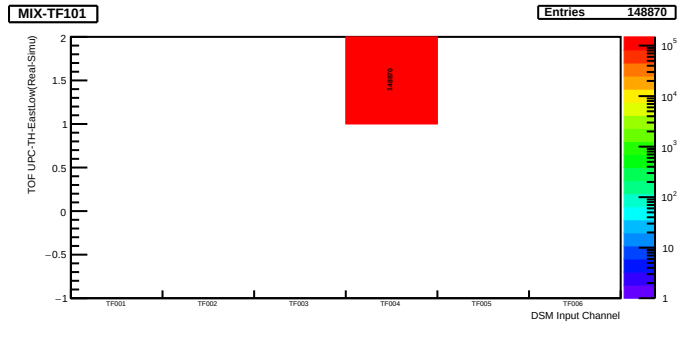

MIX-TF101
Entries 2771598
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

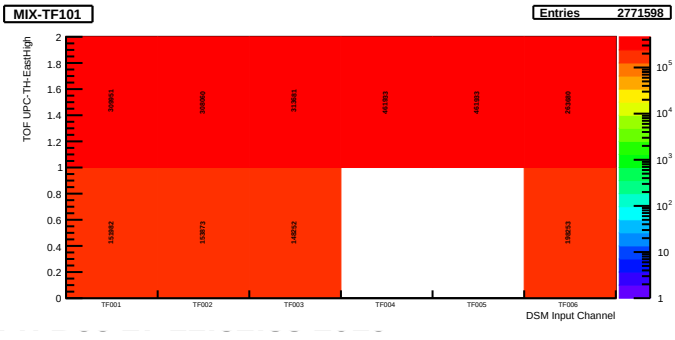

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

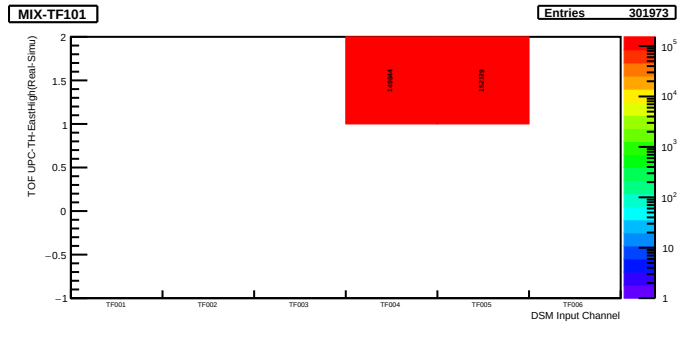

MIX-TF101
Entries 2771598
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

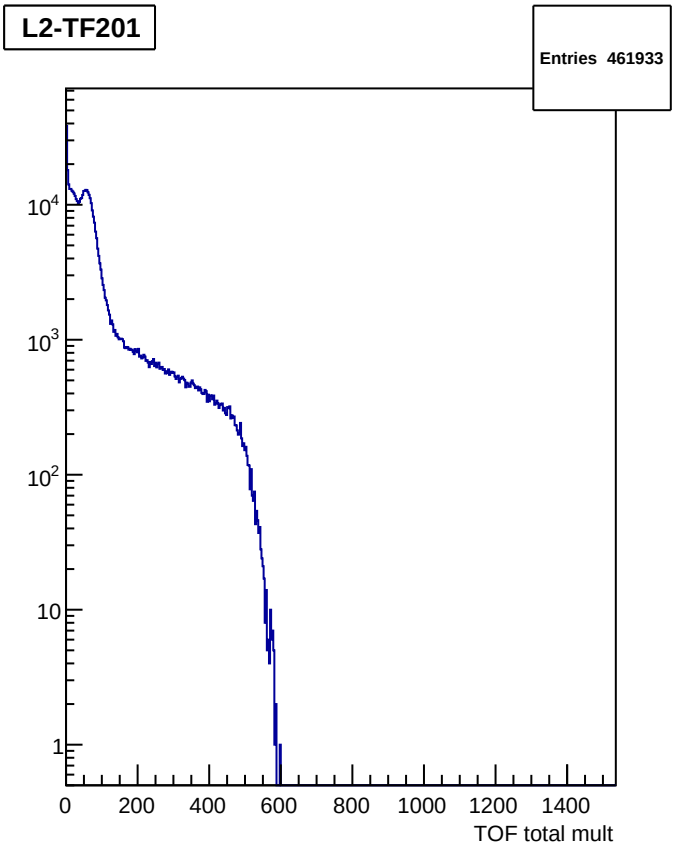

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

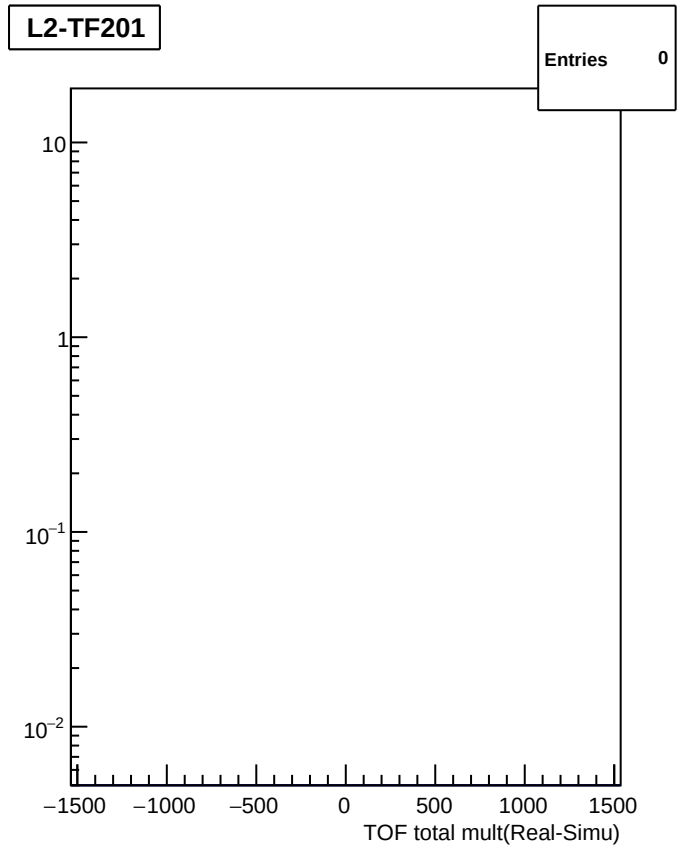

MIX-TF101
Entries 2771598
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

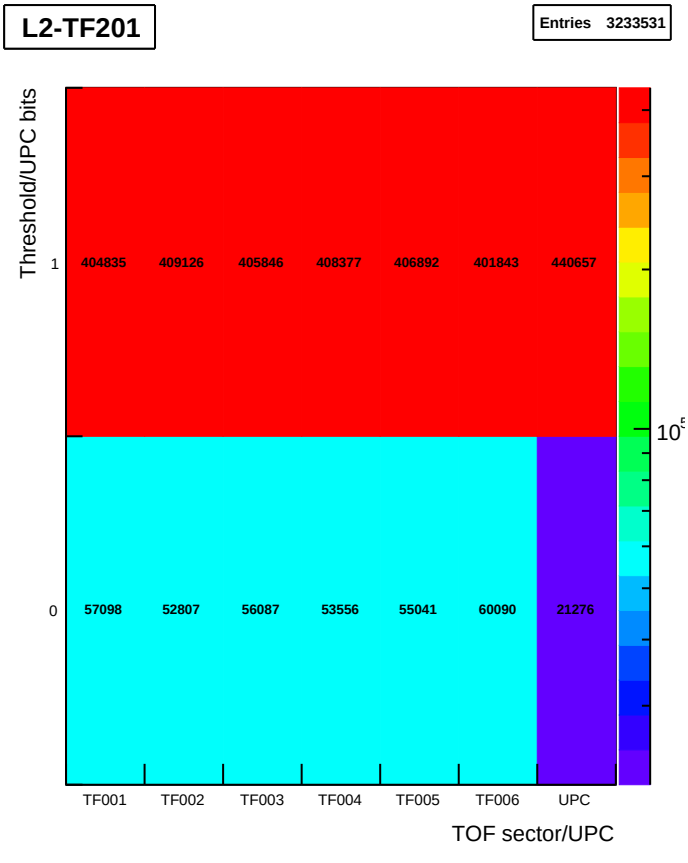

MIX-TF101
Entries 148870
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

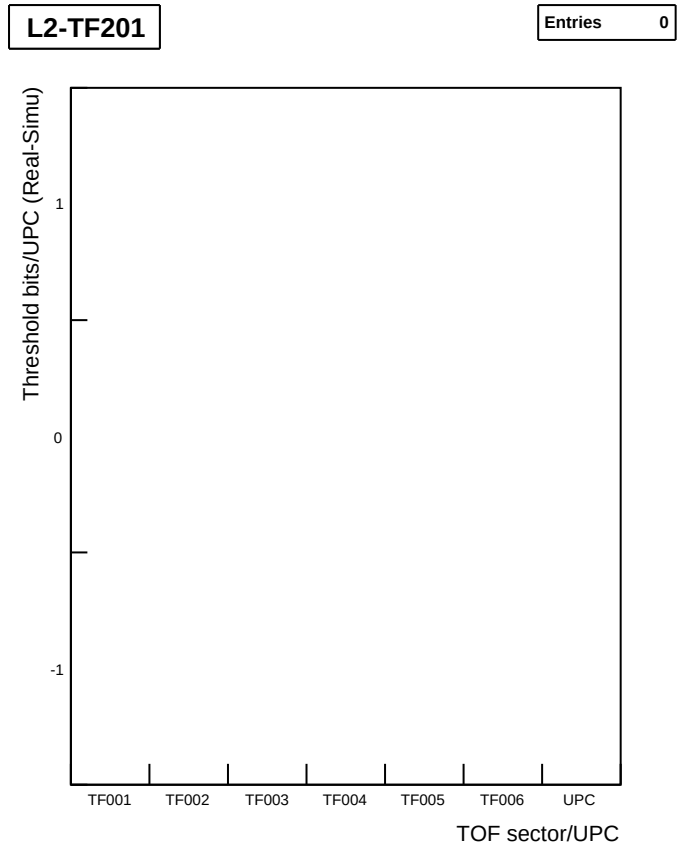

MIX-TF101
Entries 2771598
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

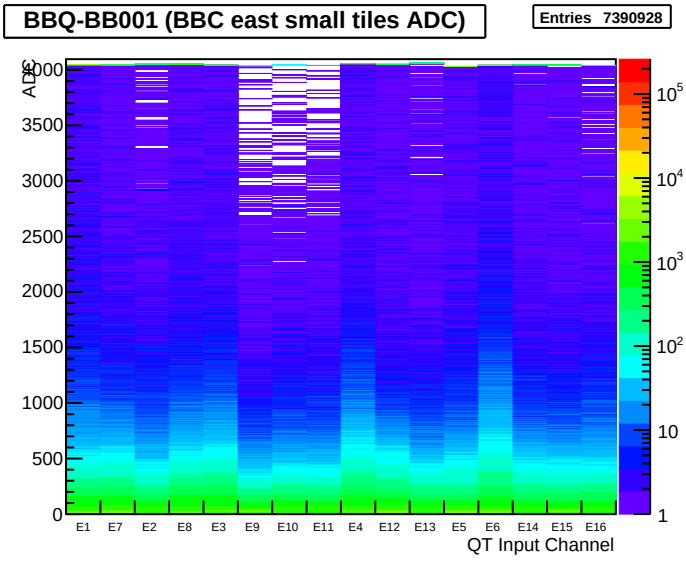

MIX-TF101
Entries 301973
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

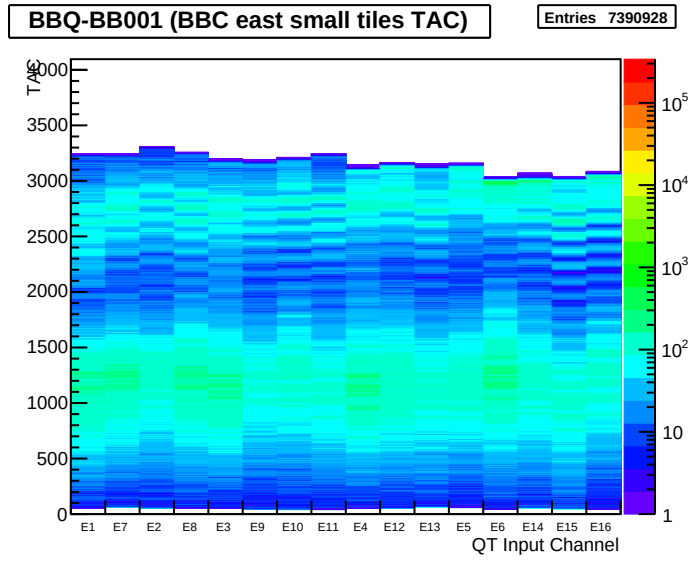

L2-TF201
Entries 461933
TOF total mult

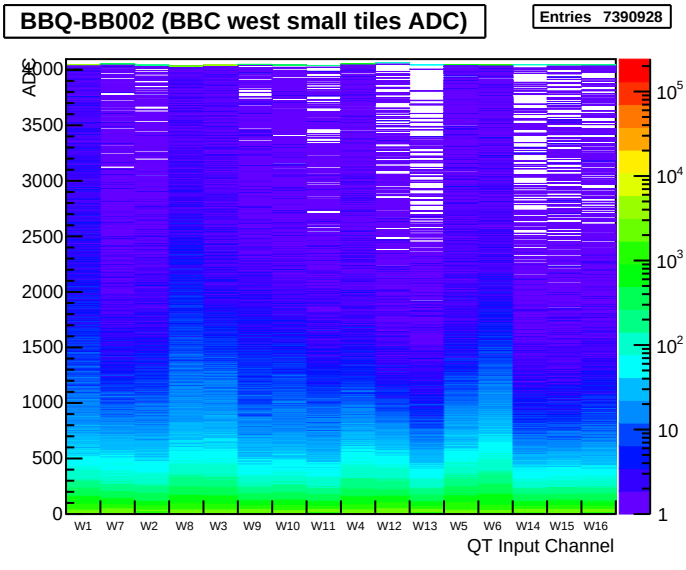

L2-TF201
Entries 0
TOF total mult(Real-Simu)

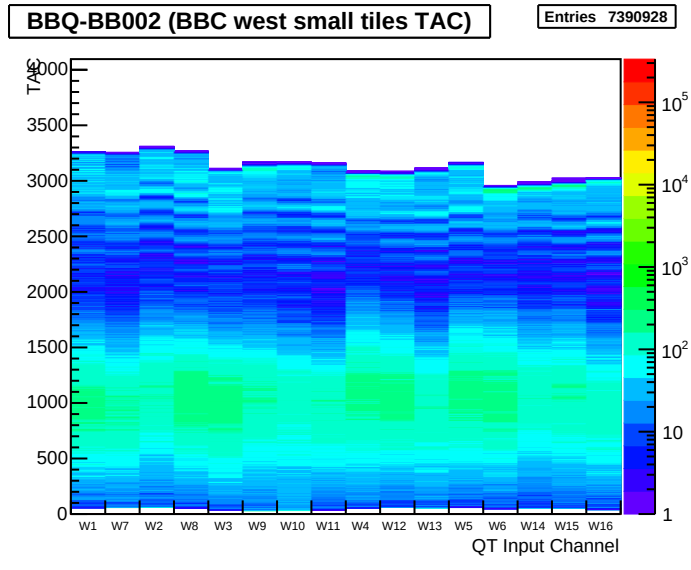

L2-TF201
Entries 3233531
Threshold/UPC bits
404835
409126
405846
408377
406892
401843
440657
57098
52807
56087
53556
55041
60090
21276
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

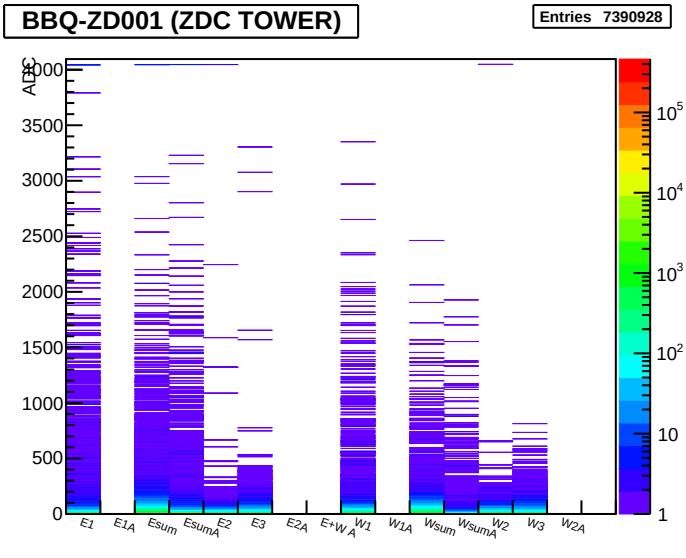

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

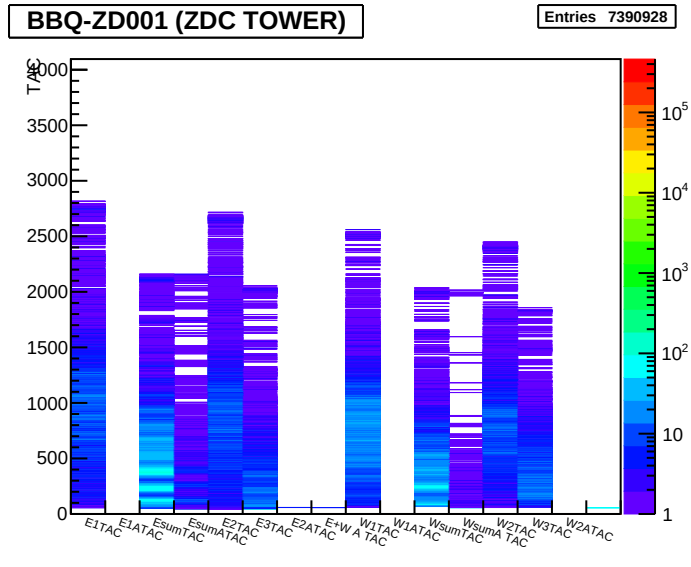

BBQ-BB001 (BBC east small tiles ADC)
Entries 7390928
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

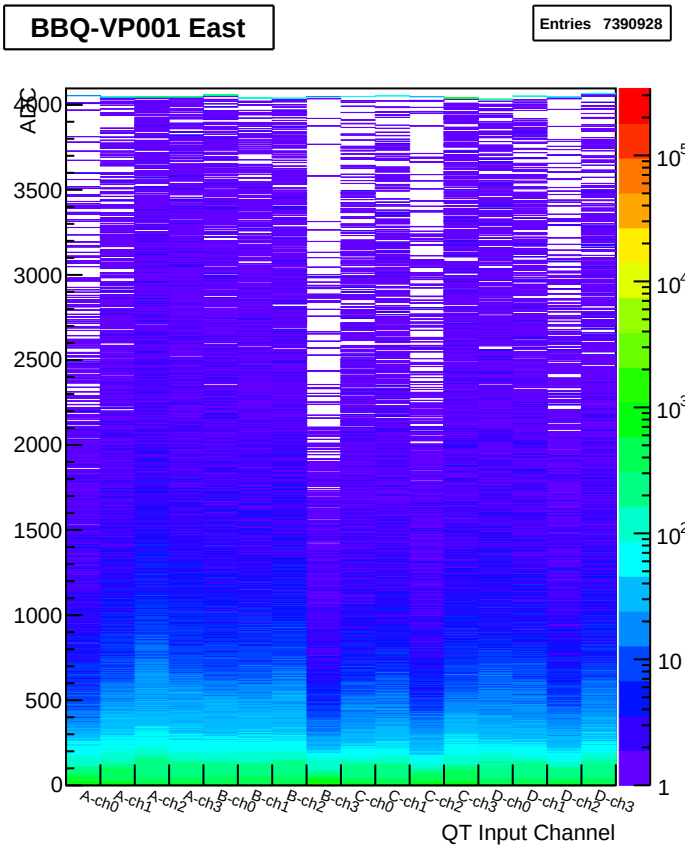

BBQ-BB001 (BBC east small tiles TAC)
Entries 7390928
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

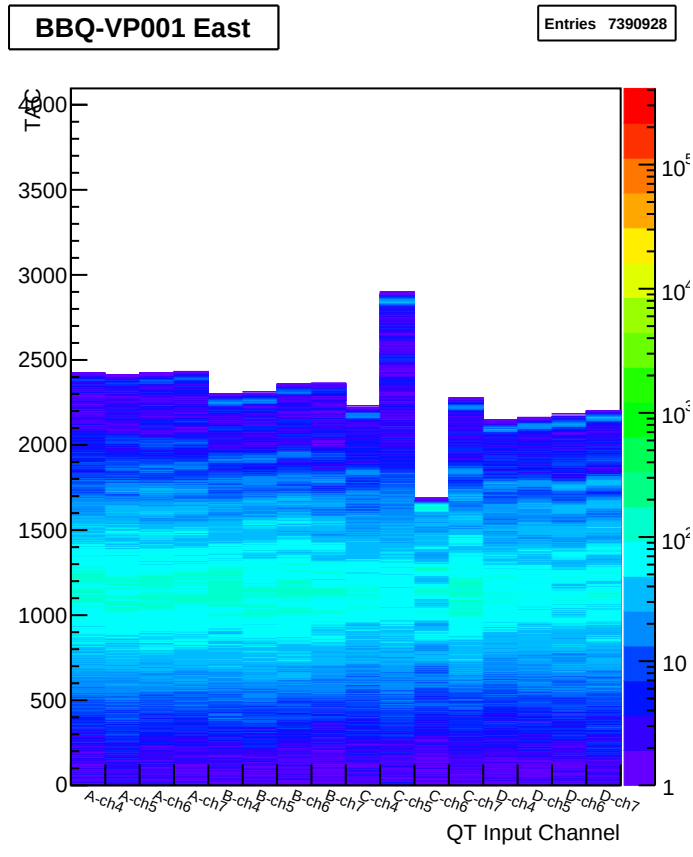

BBQ-BB002 (BBC west small tiles ADC)
Entries 7390928
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

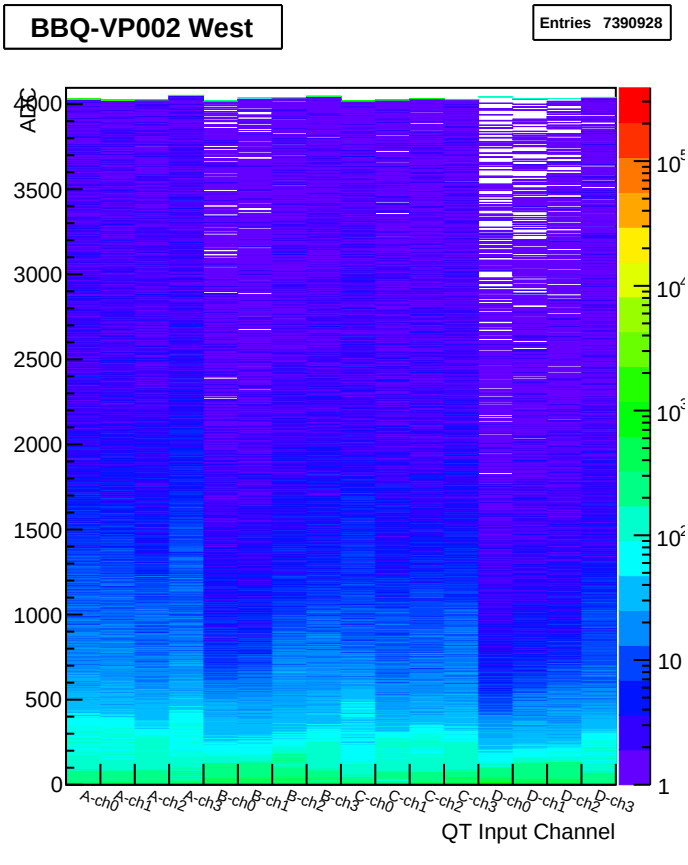

BBQ-BB002 (BBC west small tiles TAC)
Entries 7390928
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

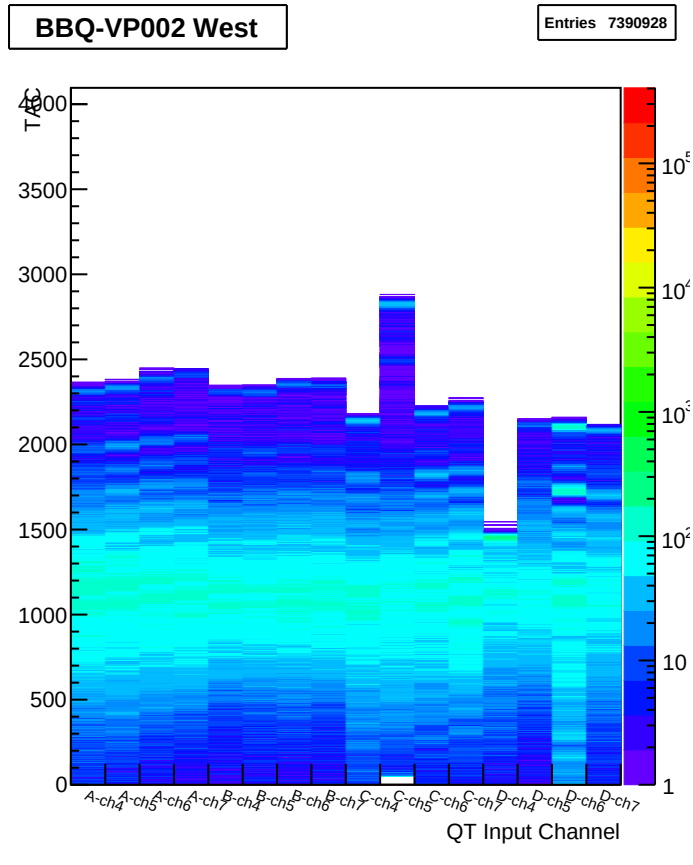

BBQ-ZD001 (ZDC TOWER)
Entries 7390928
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

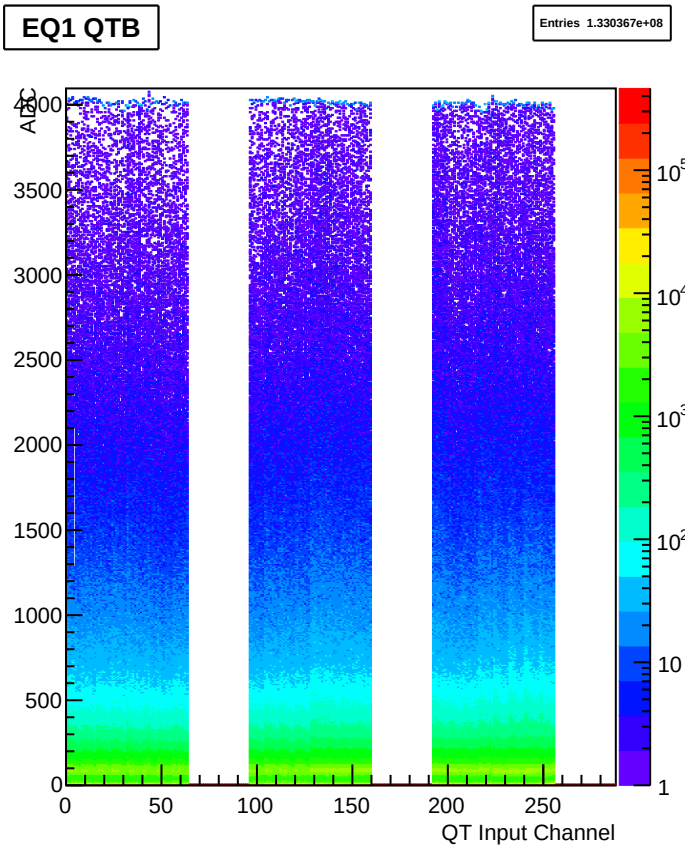

BBQ-ZD001 (ZDC TOWER)
Entries 7390928
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

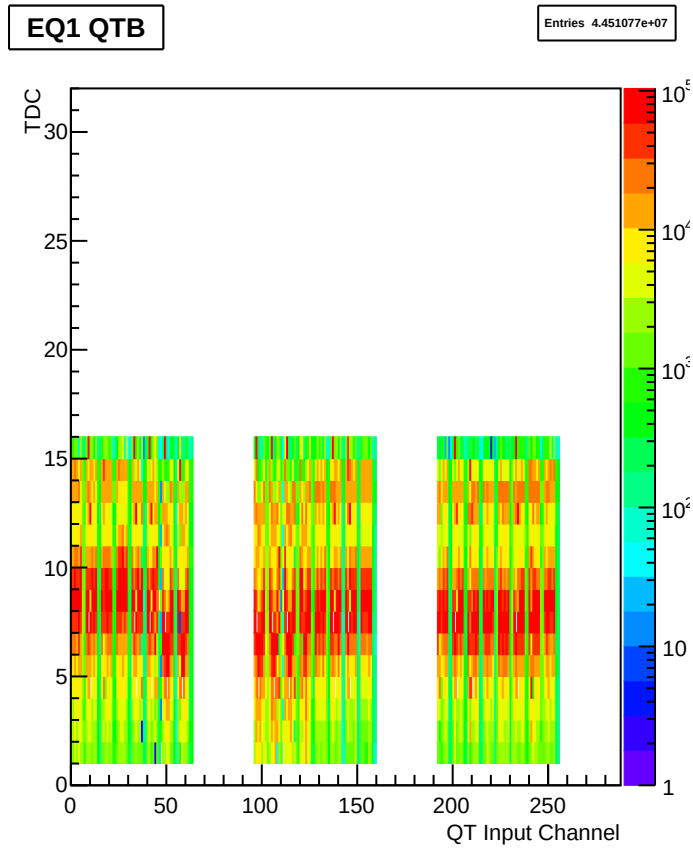

BBQ-VP001 East
Entries 7390928
ADC
QT Input Channel

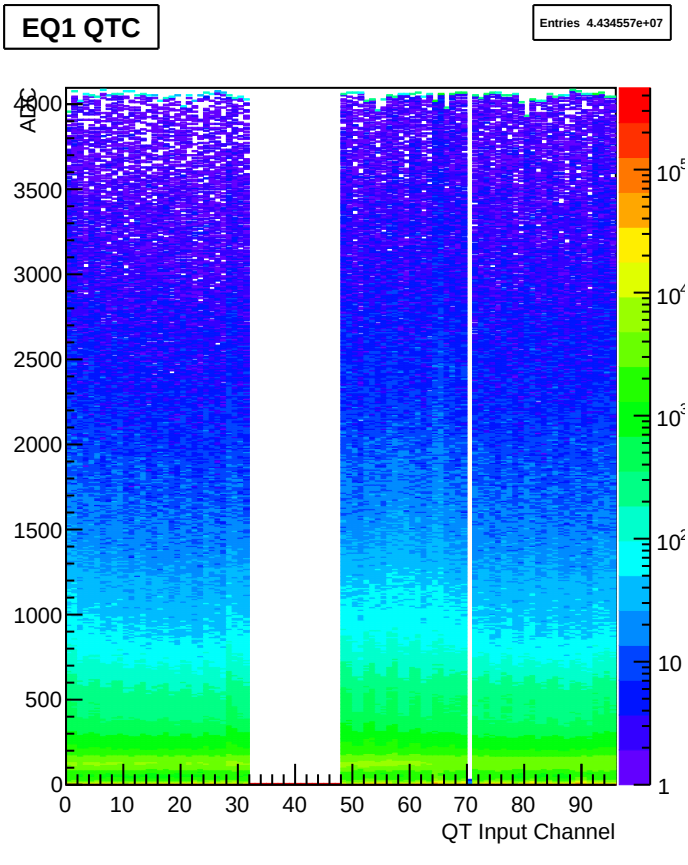

BBQ-VP001 East
Entries 7390928
TADC
QT Input Channel

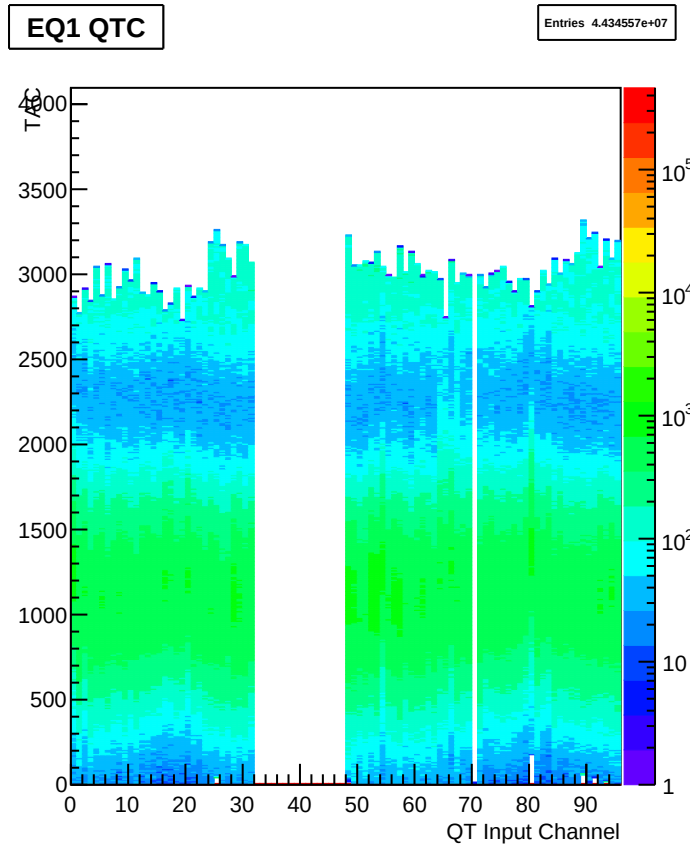

BBQ-VP002 West
Entries 7390928
ADC
QT Input Channel

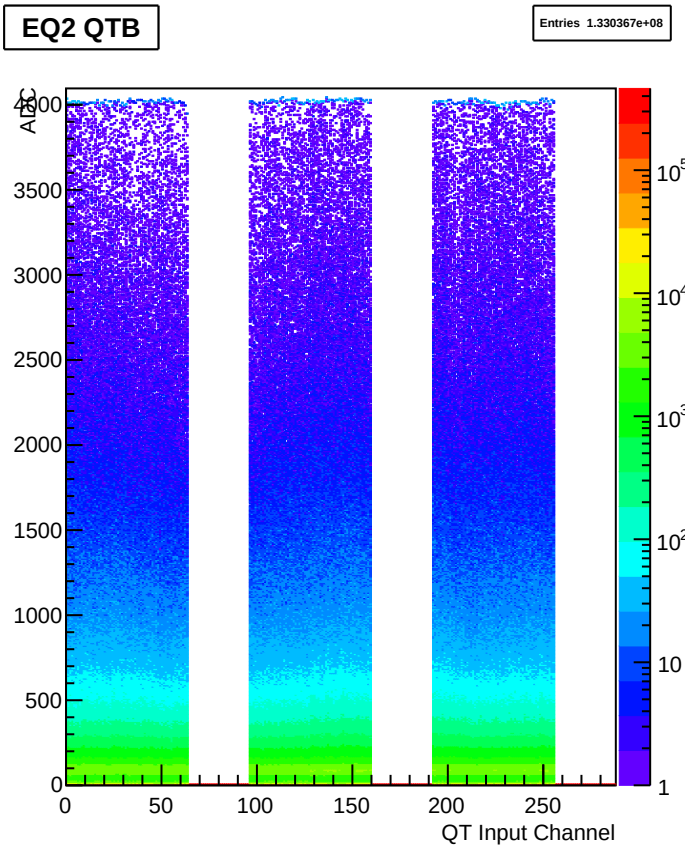

BBQ-VP002 West
Entries 7390928
TADC
QT Input Channel

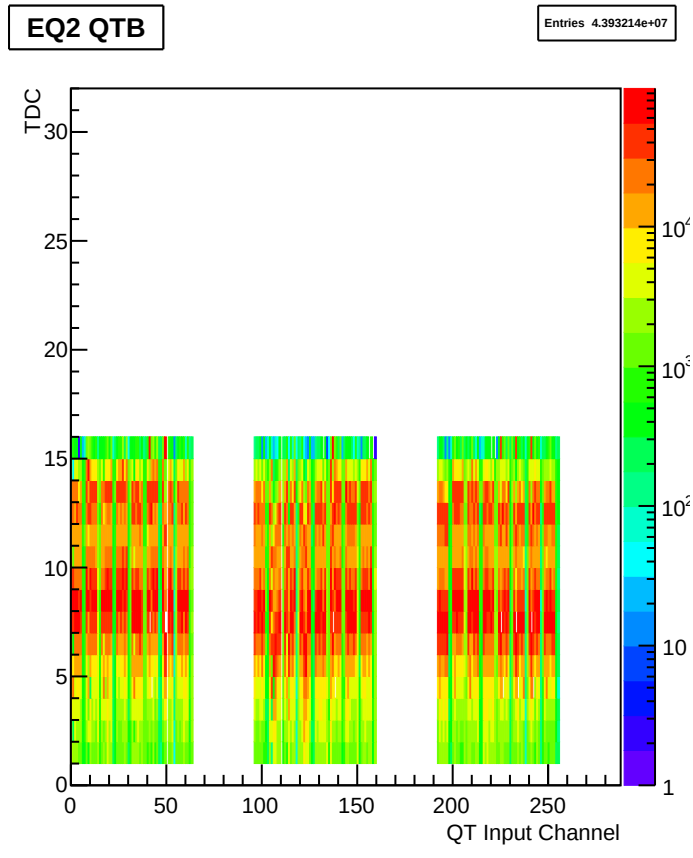

EQ1 QTB
Entries 1.330367e+08
ADC
QT Input Channel

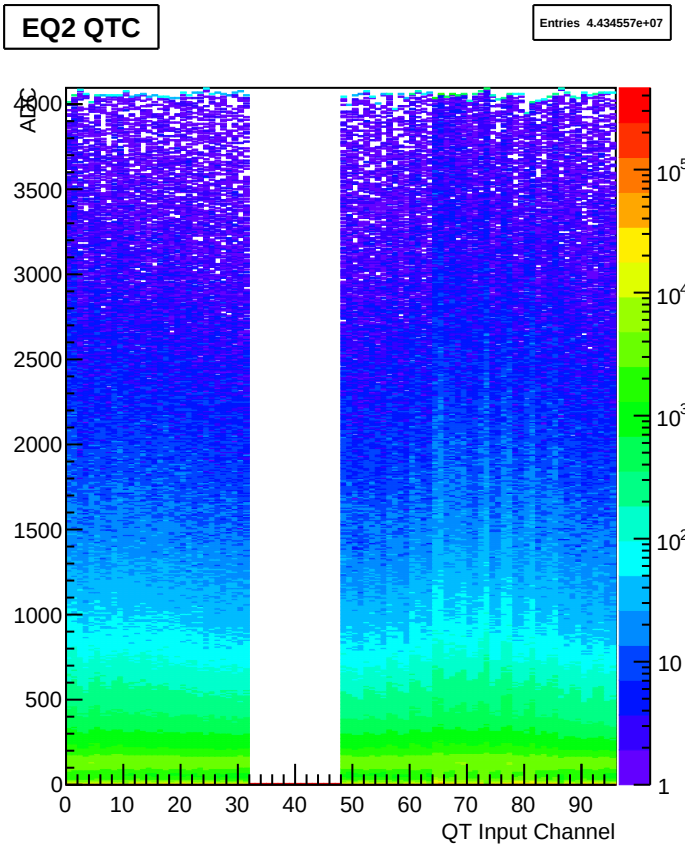

EQ1 QTB
Entries 4.451077e+07
TDC
QT Input Channel

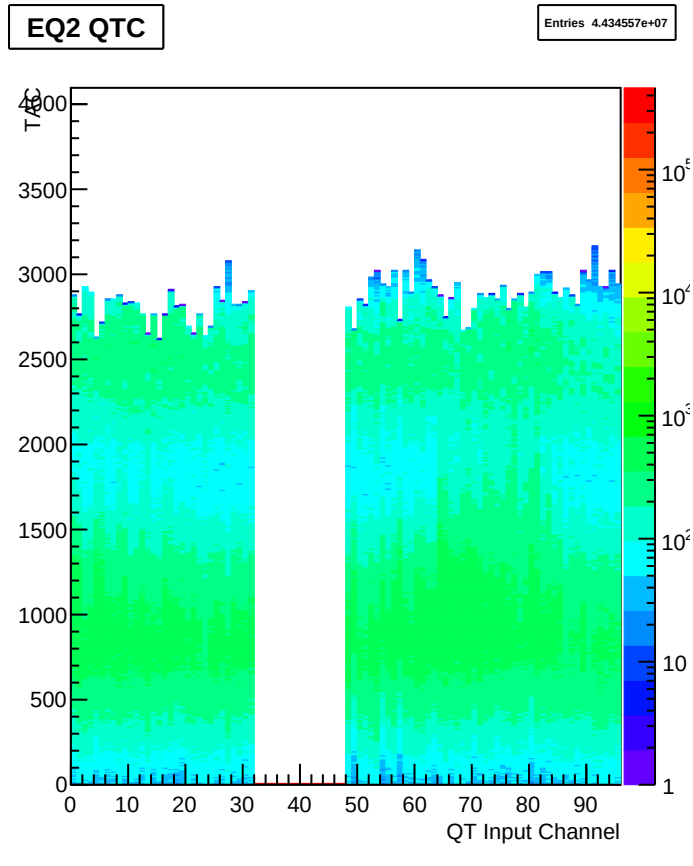

EQ1 QTC
Entries 4.434557e+07
ADC
QT Input Channel

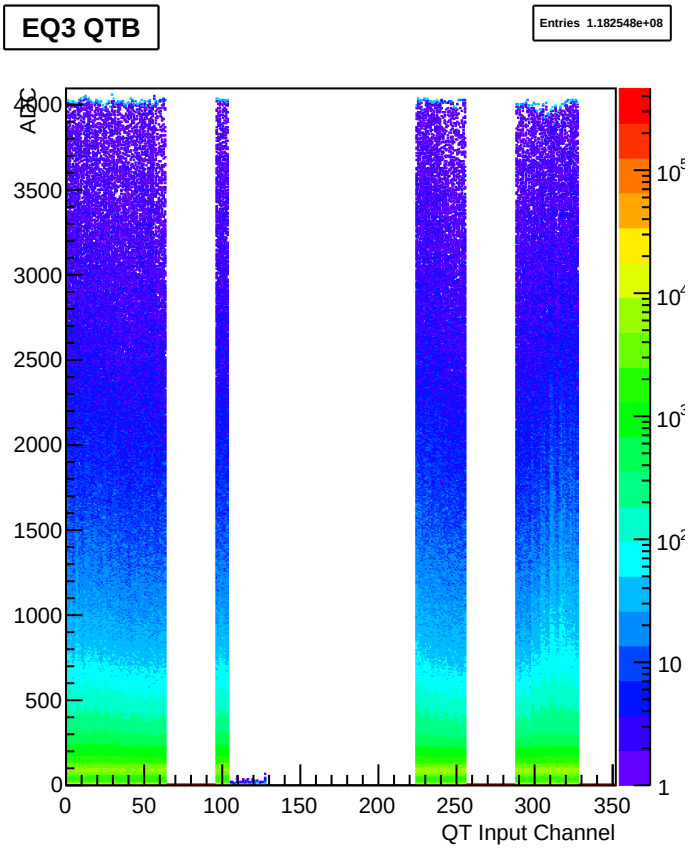

EQ1 QTC
Entries 4.434557e+07
TADC
QT Input Channel

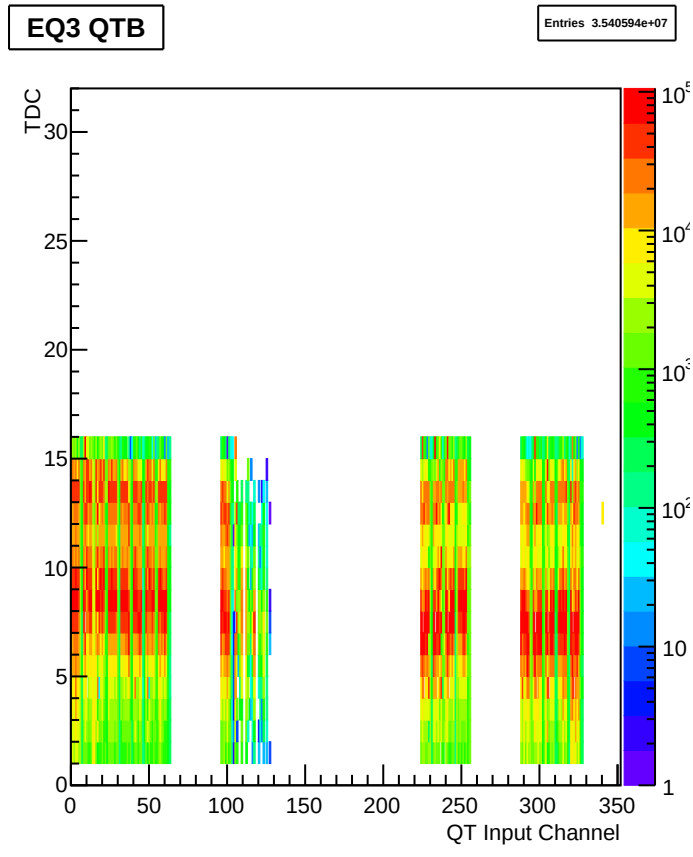

EQ2 QTB
Entries 1.330367e+08
ADC
QT Input Channel

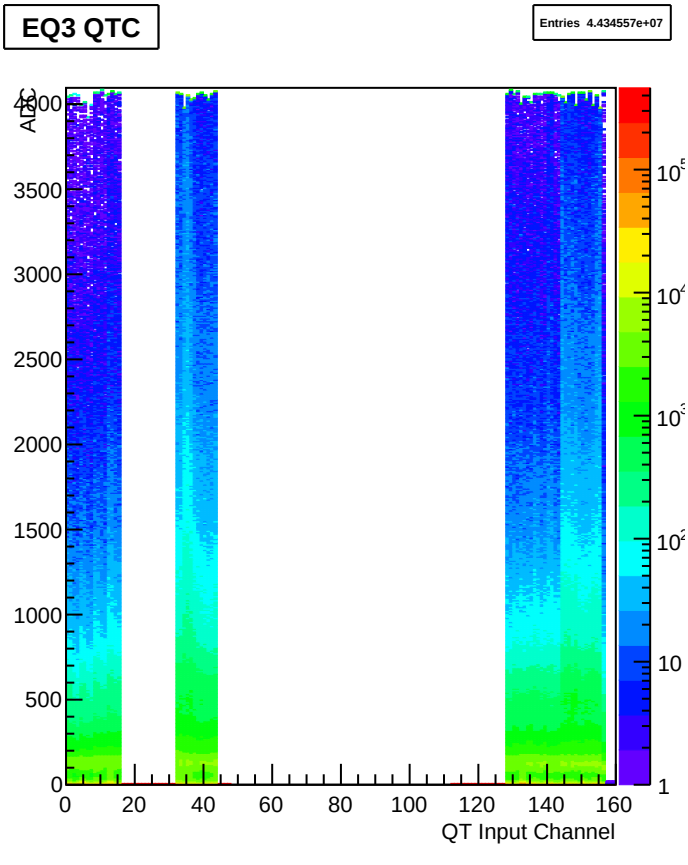

EQ2 QTB
Entries 4.393214e+07
TDC
QT Input Channel

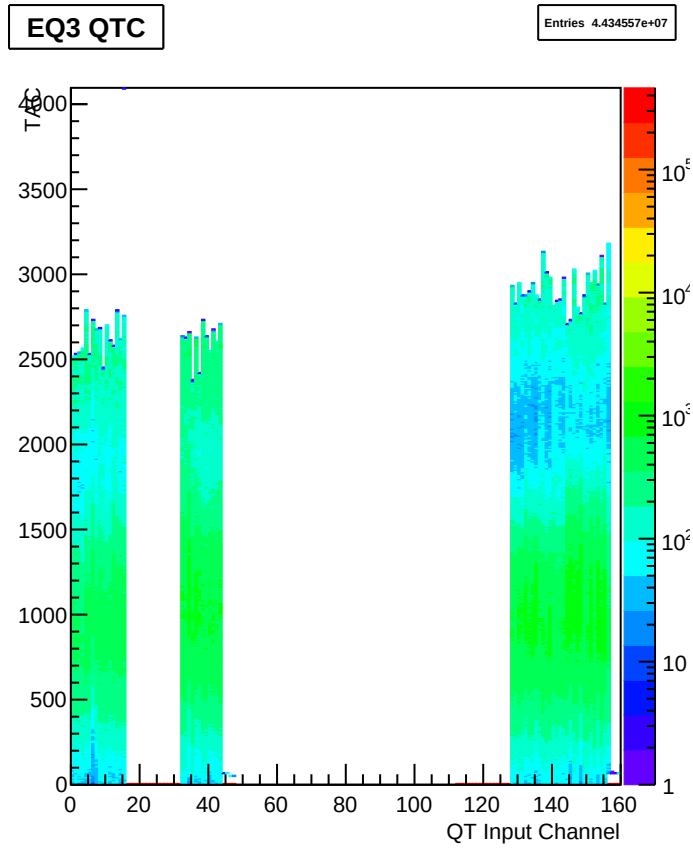

EQ2 QTC
Entries 4.434557e+07
ADC
QT Input Channel

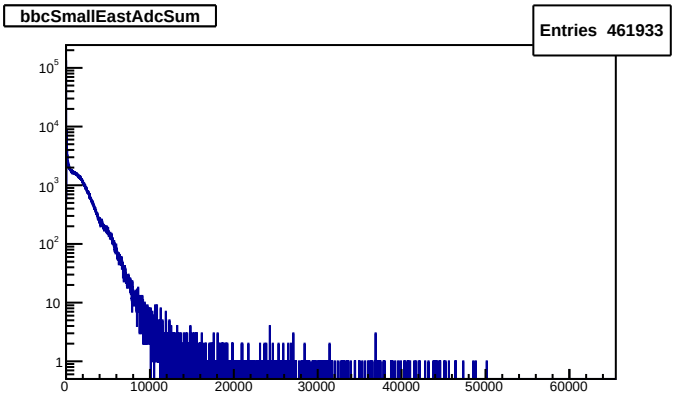

EQ2 QTC
Entries 4.434557e+07
TADC
QT Input Channel

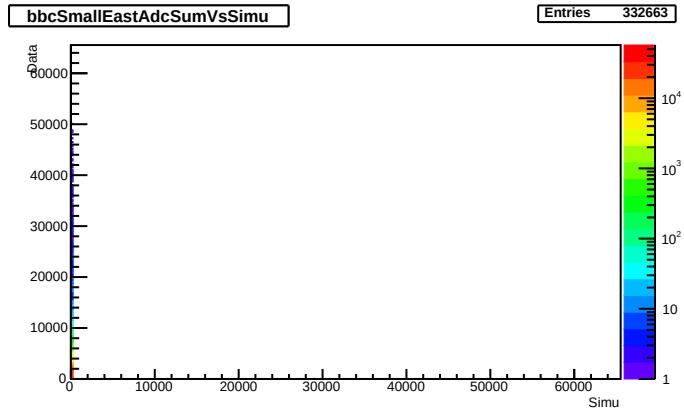

EQ3 QTB
Entries 1.182548e+08
ADC
QT Input Channel

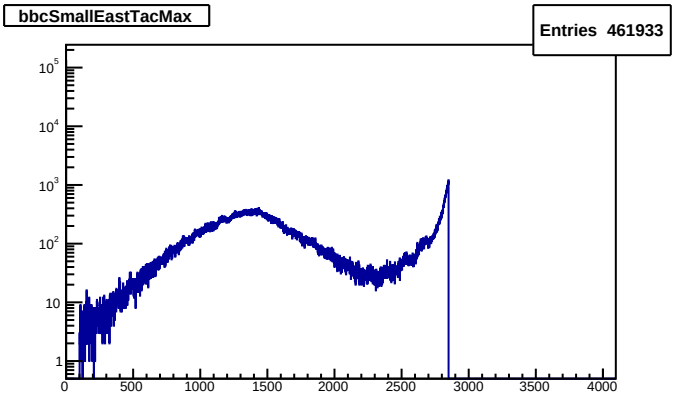

EQ3 QTB
Entries 3.540594e+07
TDC
QT Input Channel

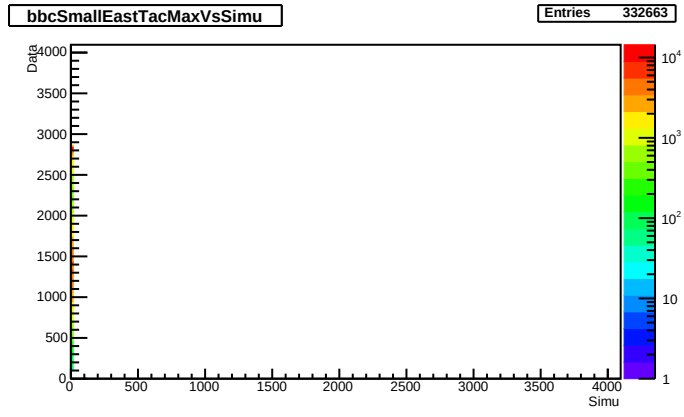

EQ3 QTC
Entries 4.434557e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.434557e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 461933


bbcSmallEastAdcSumVsSimu
Entries 332663
Data
Simu


bbcSmallEastTacMax
Entries 461933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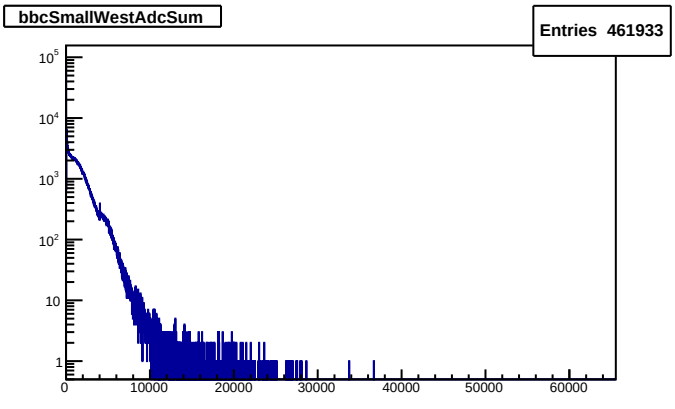
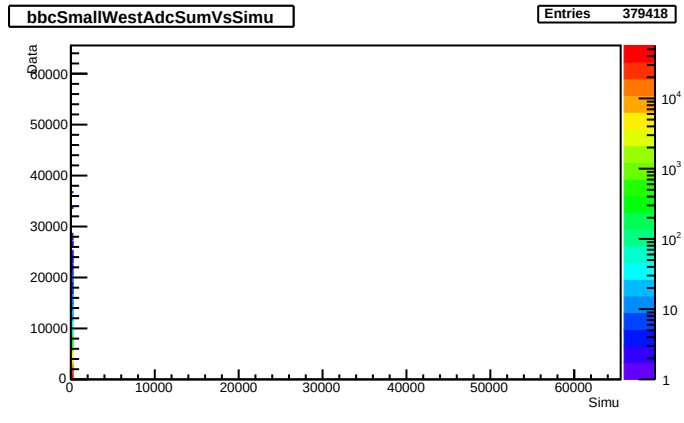
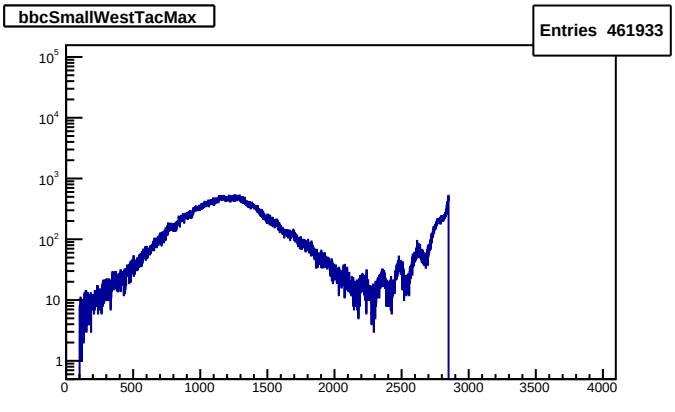
Entries 332663
Data
Simu


bbcSmallWestAdcSum
Entries 461933


bbcSmallWestAdcSumVsSimu
Entries 379418
Data
Simu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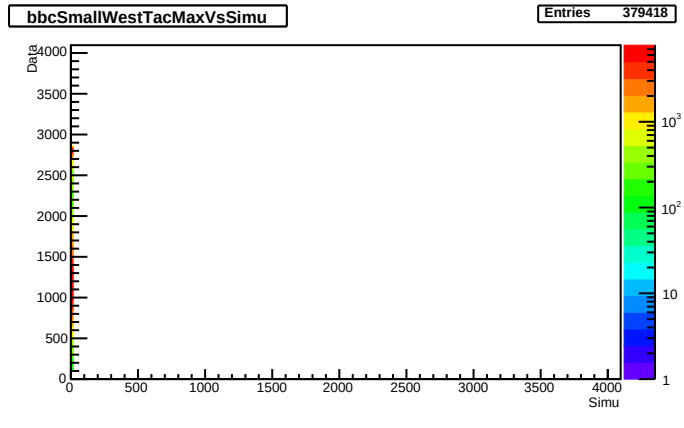
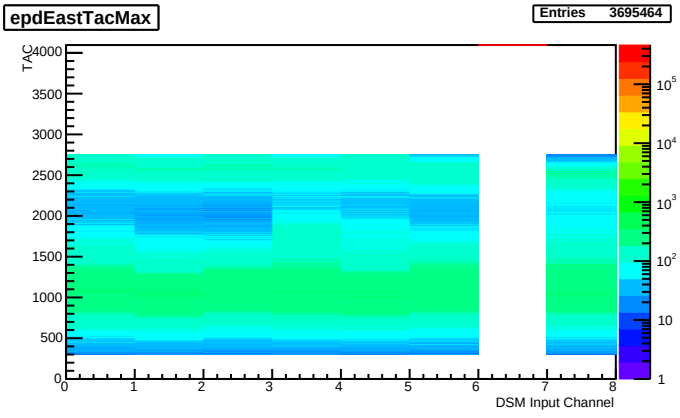
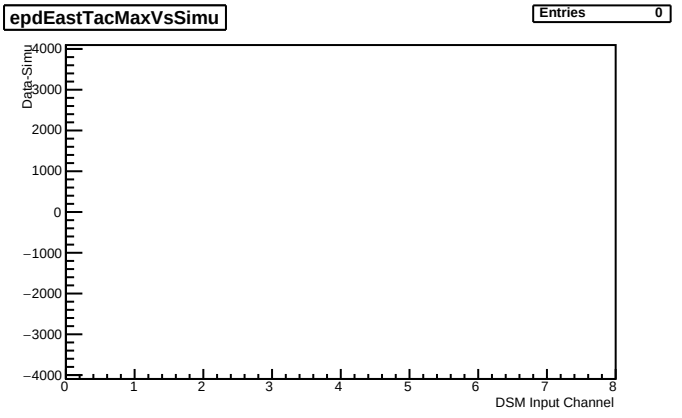
Entries 461933


bbcSmallWestTacMaxVsSimu
Entries 379418
Data
Simu


epdEastTacMax
Entries 3695464
TAC
DSM Input Channel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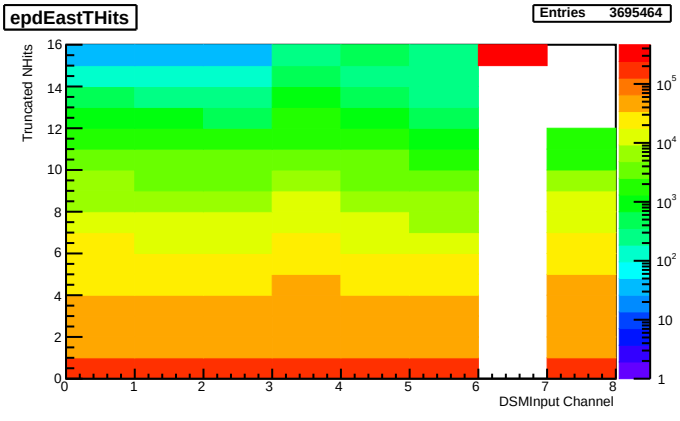
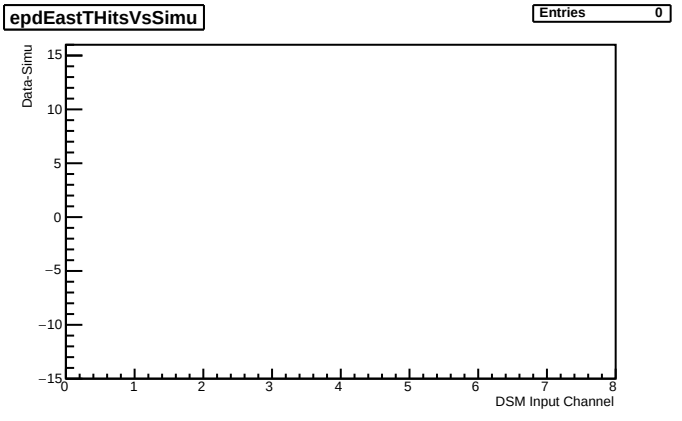
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3695464
Truncated NHits
DSMInput Channel


epdEastTHitsVsSimu
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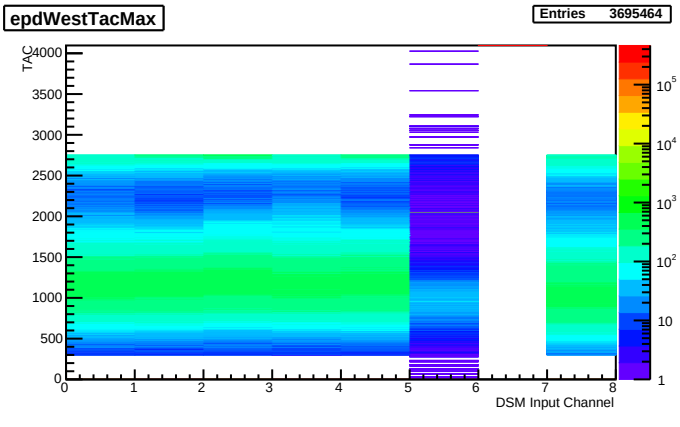
Data-Simu
DSM Input Channel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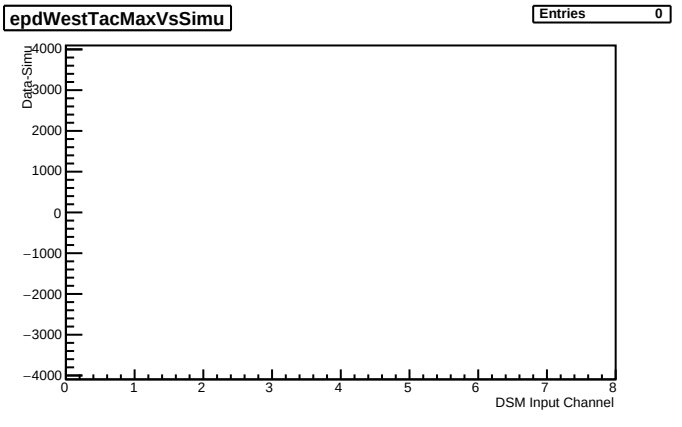
Entries 3695464
TAC
DSM Input Channel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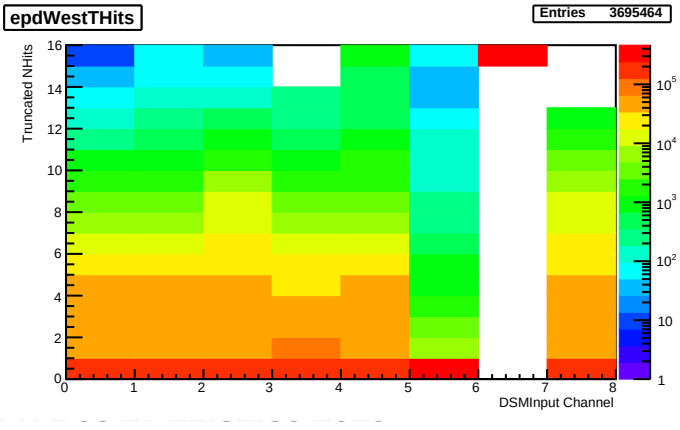
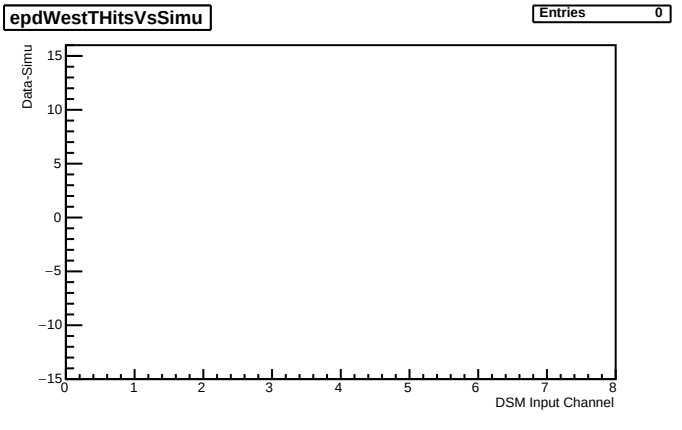
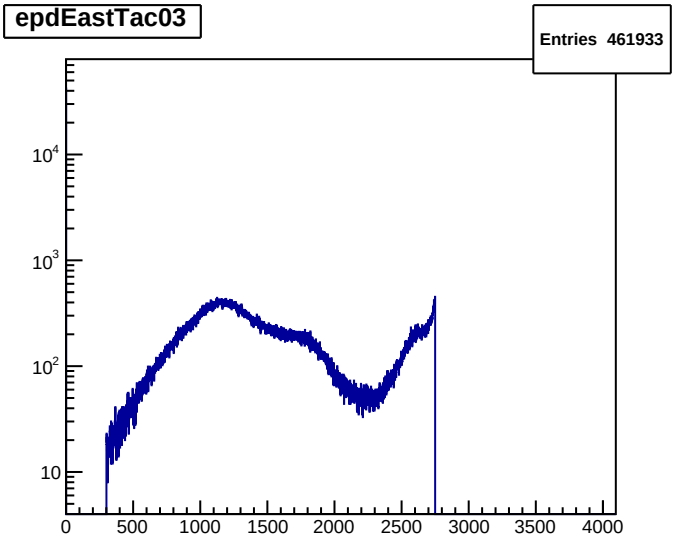
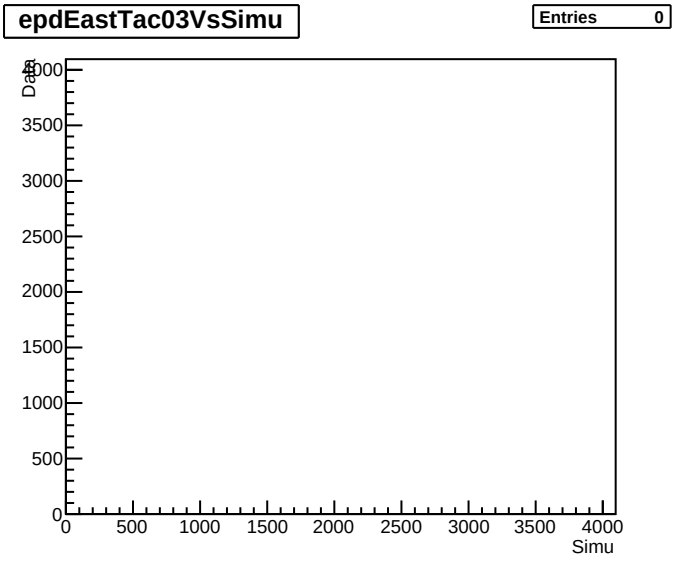
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3695464
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 461933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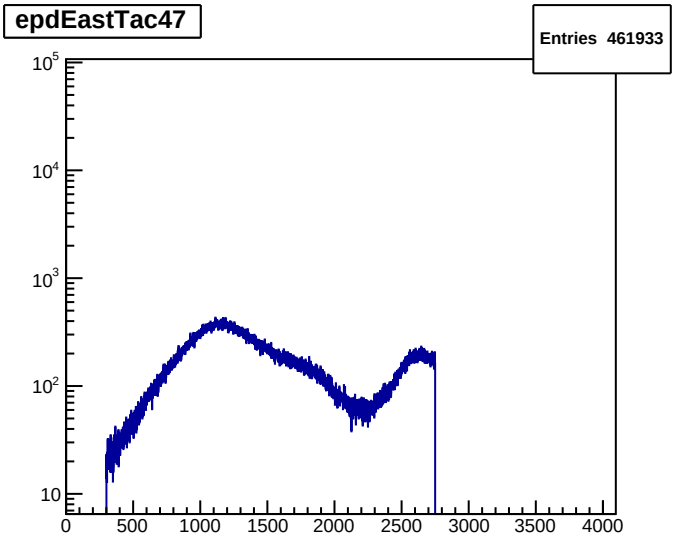
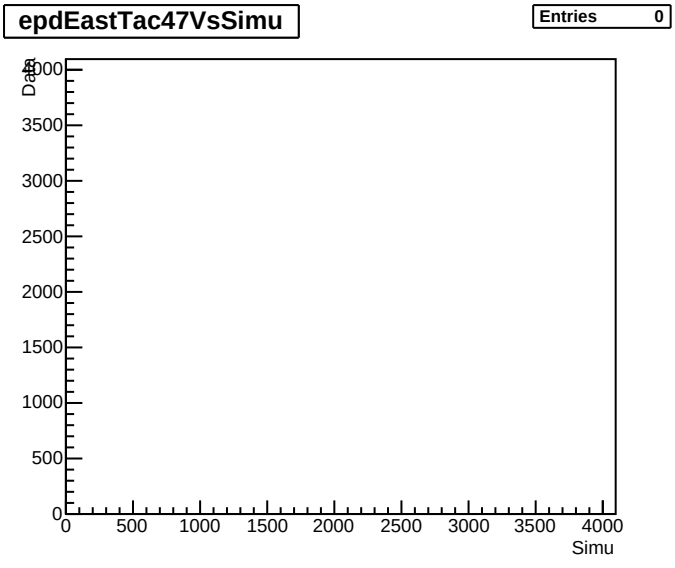
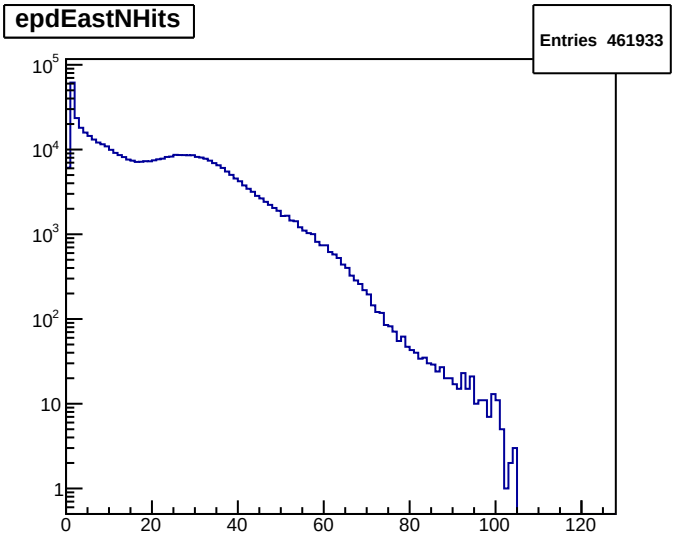
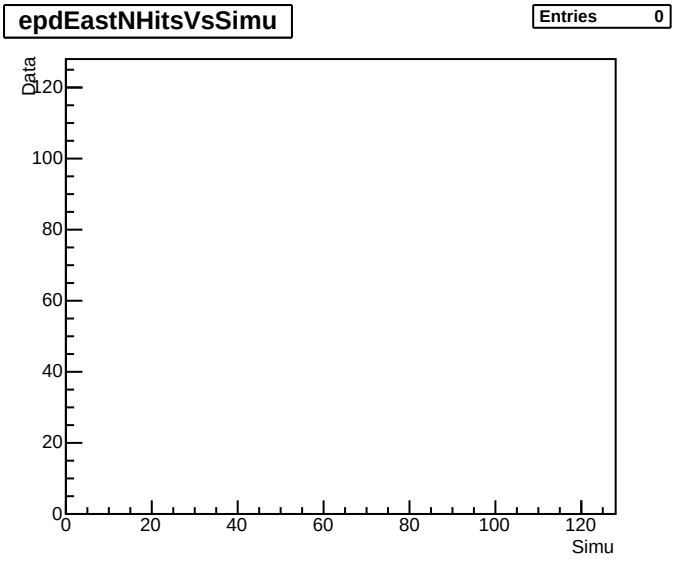
Entries 0
Data
Simu


epdEastTac47
Entries 461933


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 461933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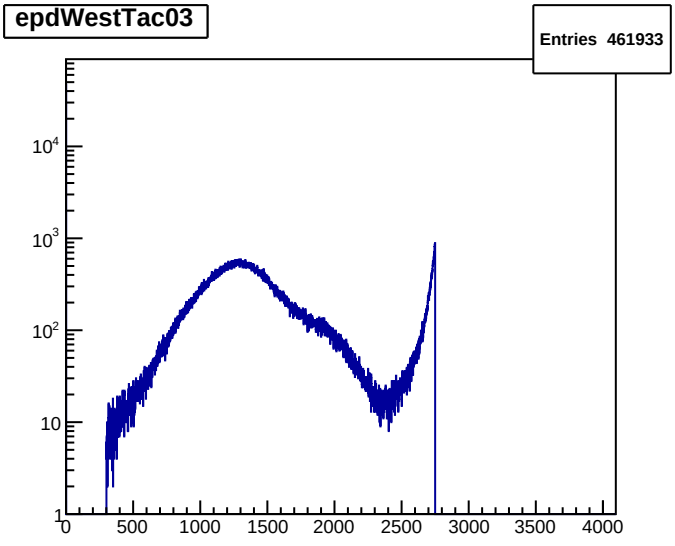
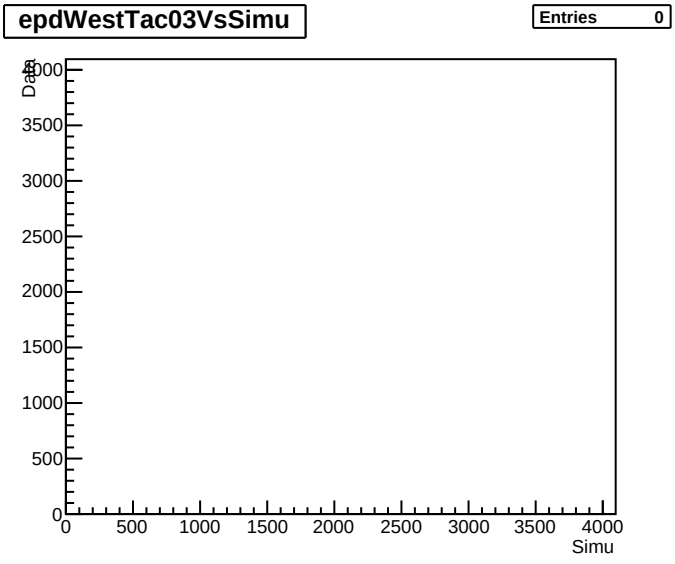
Entries 0
Data
Simu


epdWestTac03
Entries 461933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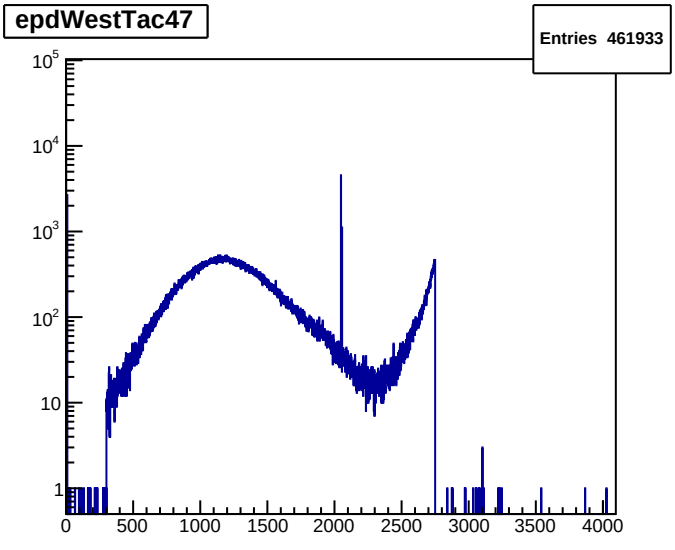
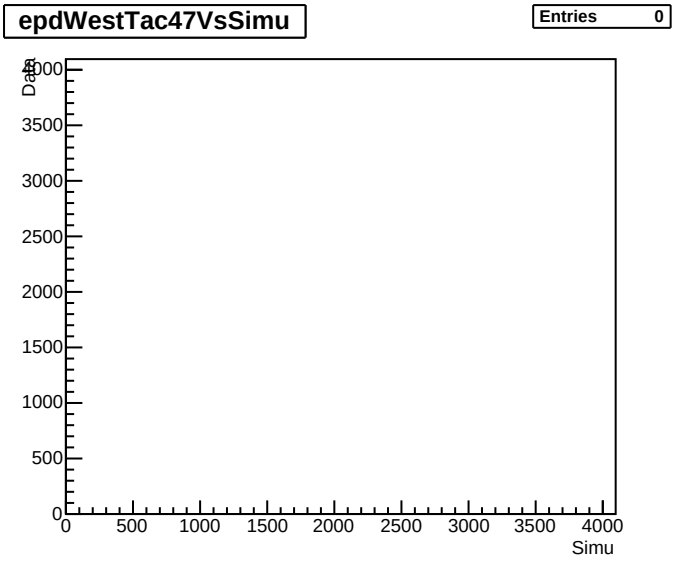
Entries 0
Data
Simu


epdWestTac47
Entries 461933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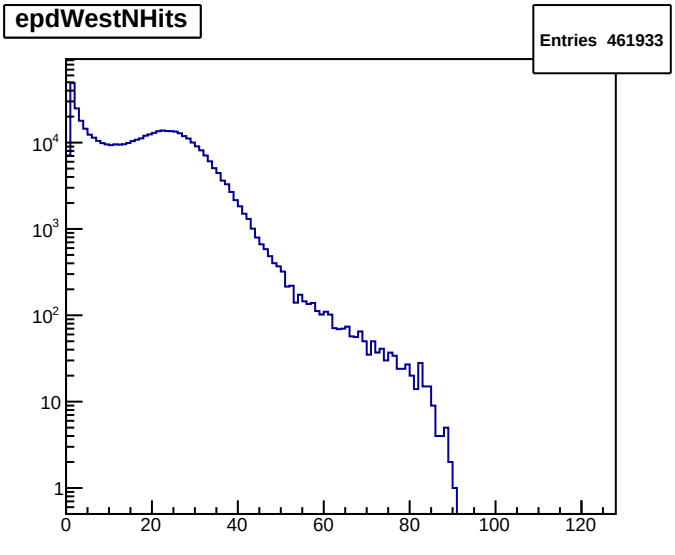
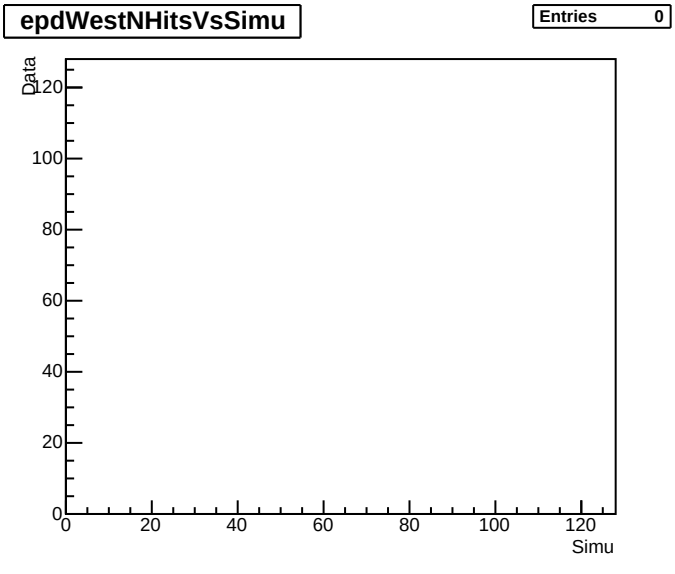
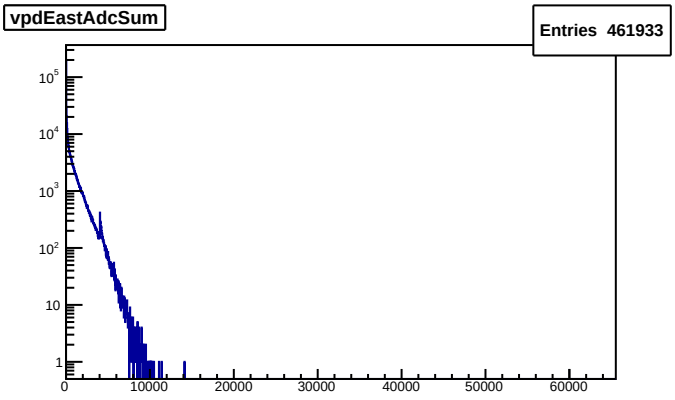
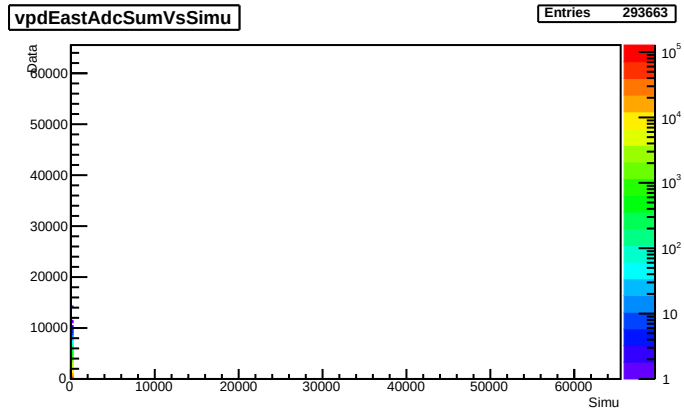
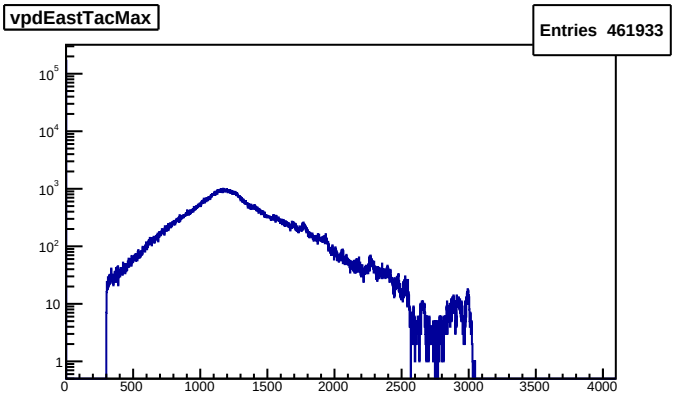
Entries 0
Data
Simu

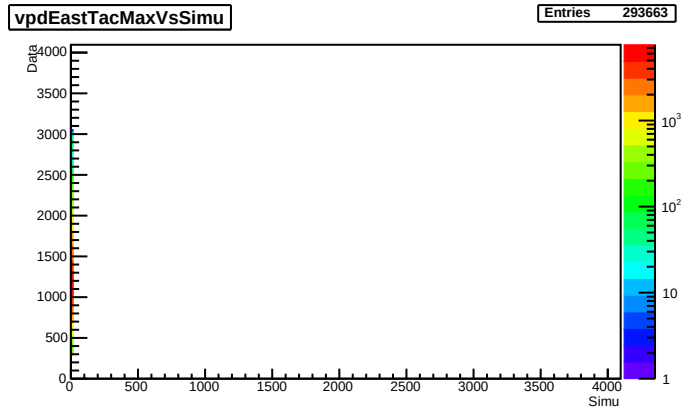

epdWestNHits
Entries 461933

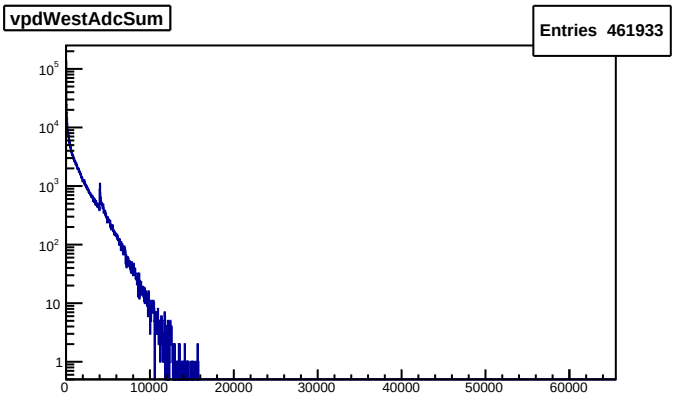

epdWestNHitsVsSimu
Entries 0
Data
Simu

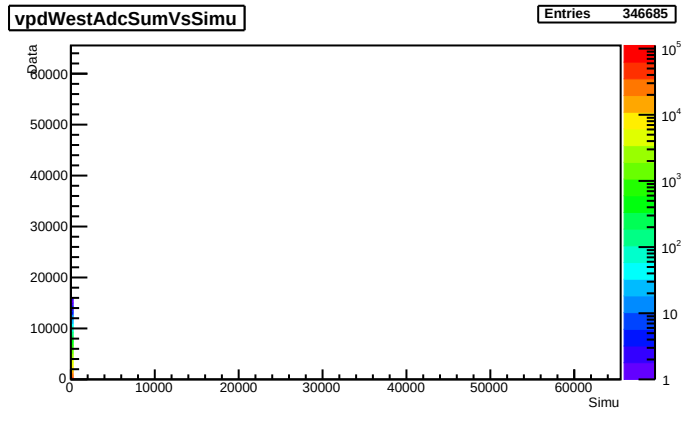

vpdEastAdcSum
Entries 461933

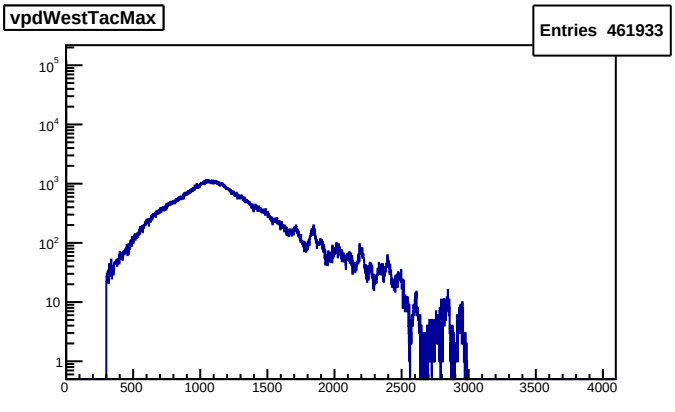

vpdEastAdcSumVsSimu
Entries 293663
Data
Simu

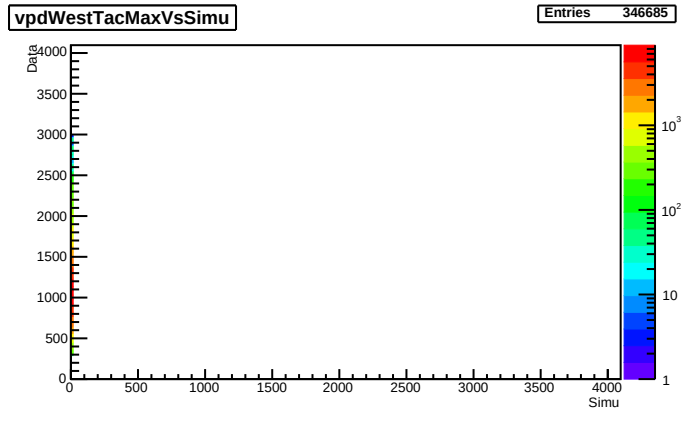

vpdEastTacMax
Entries 461933

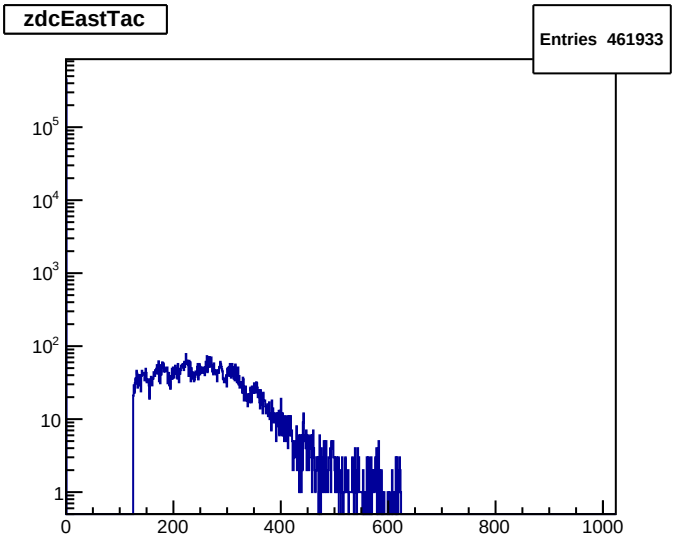

vpdEastTacMaxVsSimu
Entries 293663
Data
Simu

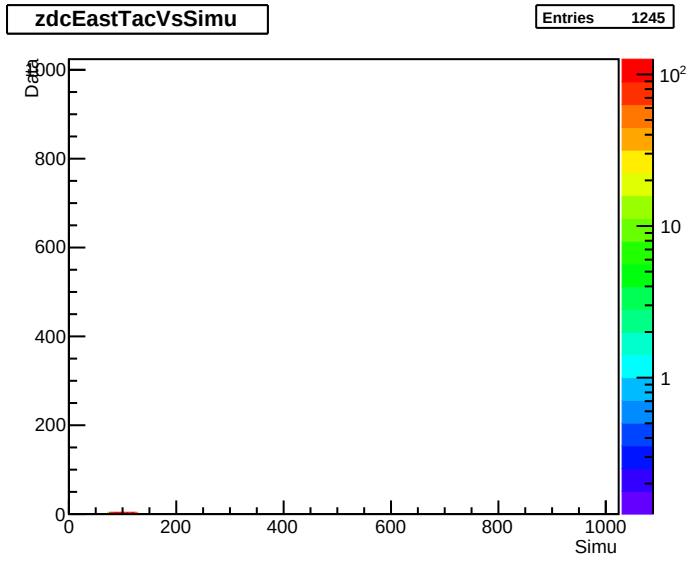

vpdWestAdcSum
Entries 461933

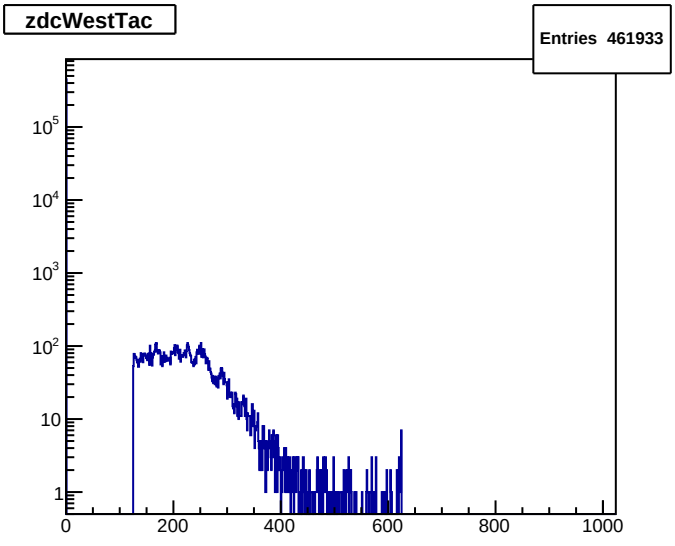

vpdWestAdcSumVsSimu
Entries 346685
Data
Simu

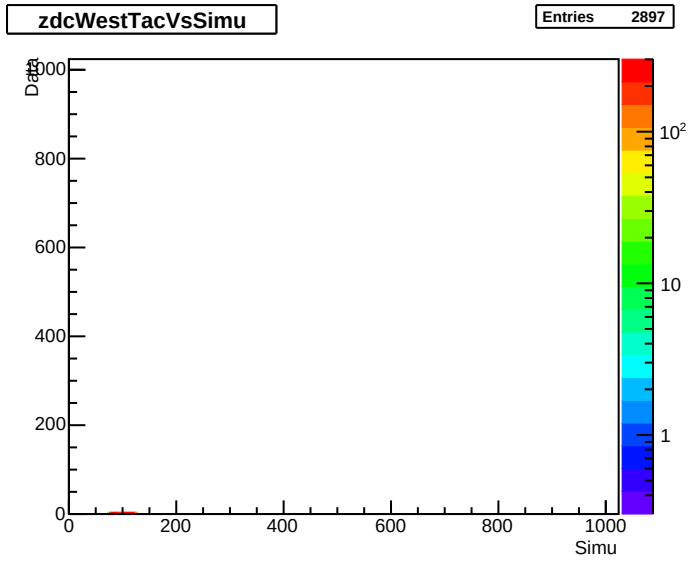

vpdWestTacMax
Entries 461933

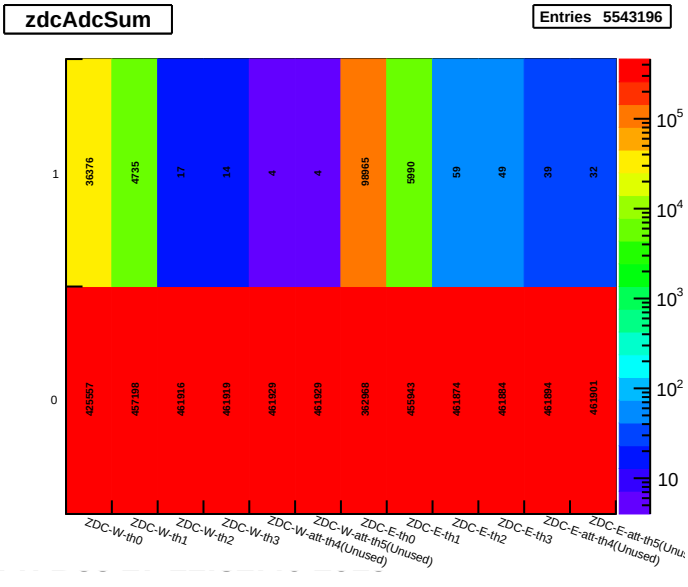

vpdWestTacMaxVsSimu
Entries 346685
Data
Simu

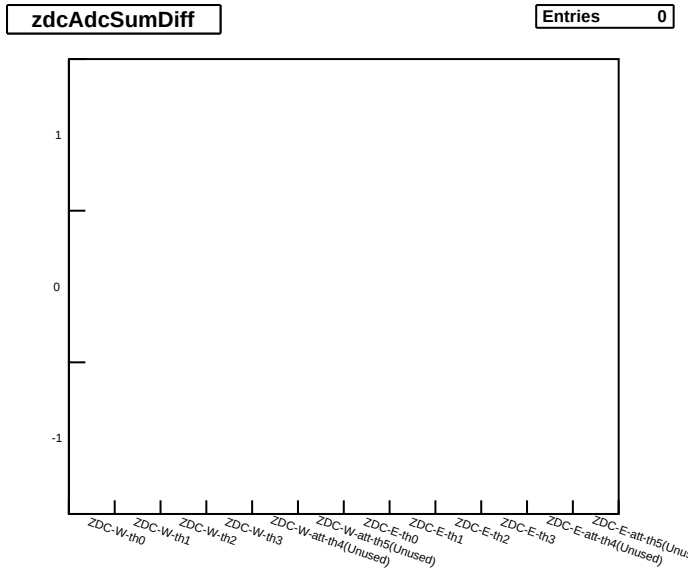

zdcEastTac
Entries 461933

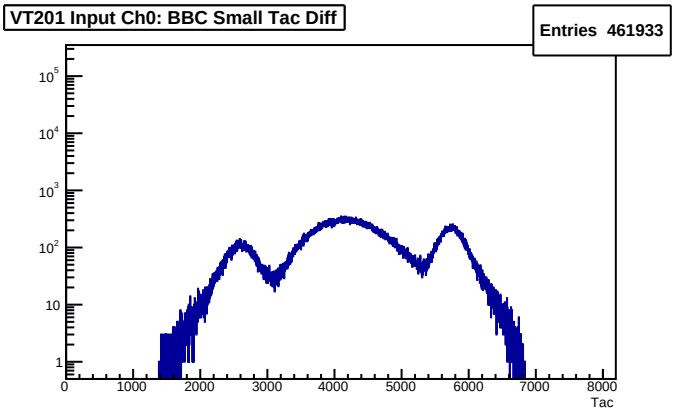

zdcEastTacVsSimu
Entries 1245
Data
Simu

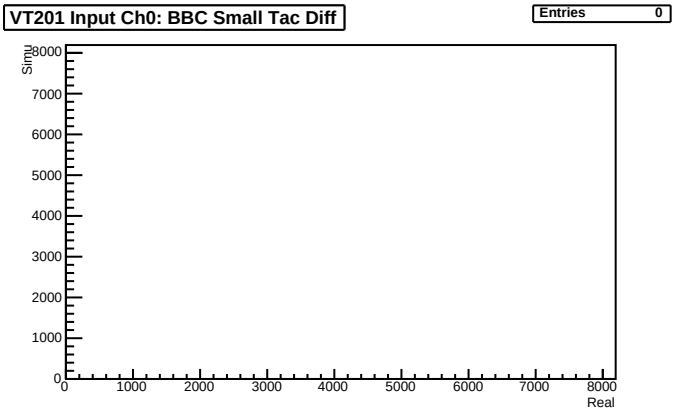

zdcWestTac
Entries 461933

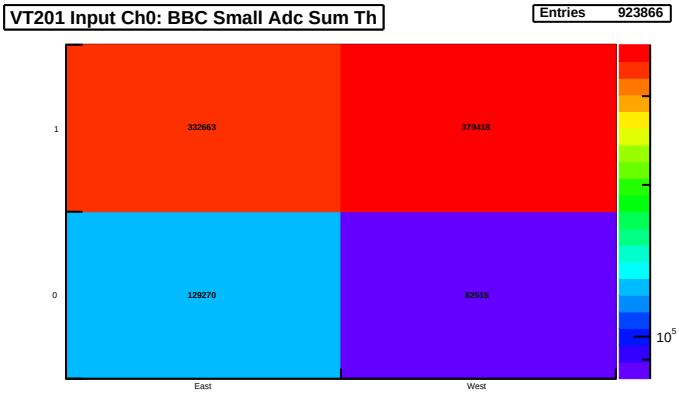

zdcWestTacVsSimu
Entries 2897
Data
Simu

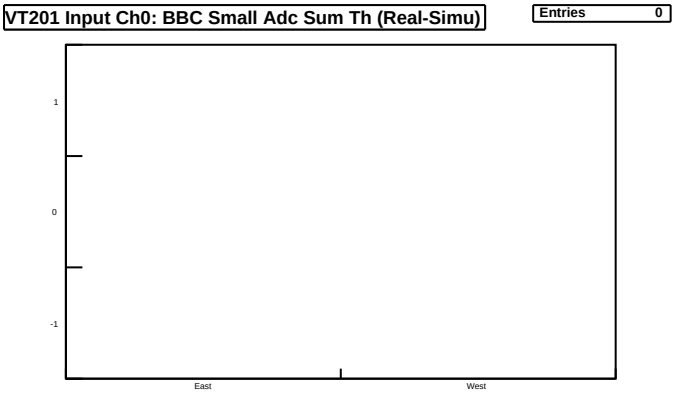

zdcAdcSum
Entries 5543196
36376
4735
17
14
4
4
98965
5990
59
49
39
32
425557
457198
461916
461919
461929
461929
362568
455943
461874
461884
461894
461901
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

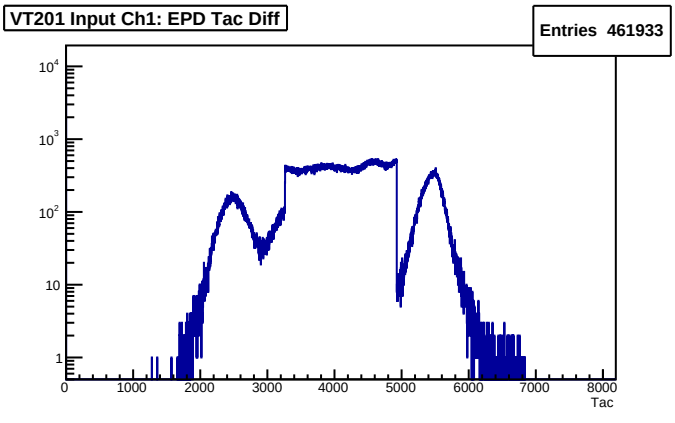

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

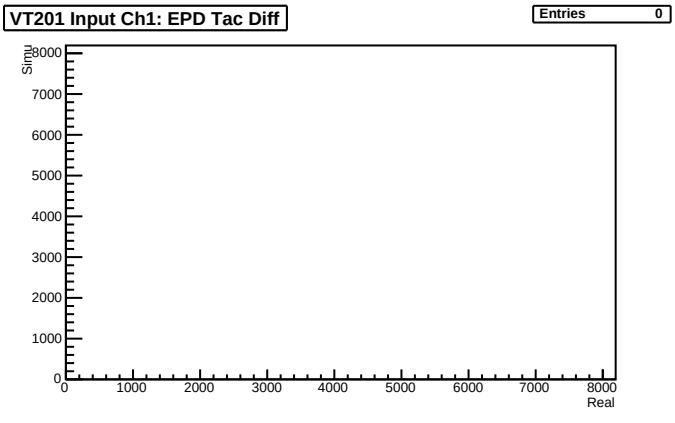

VT201 Input Ch0: BBC Small Tac Diff
Entries 461933
Tac

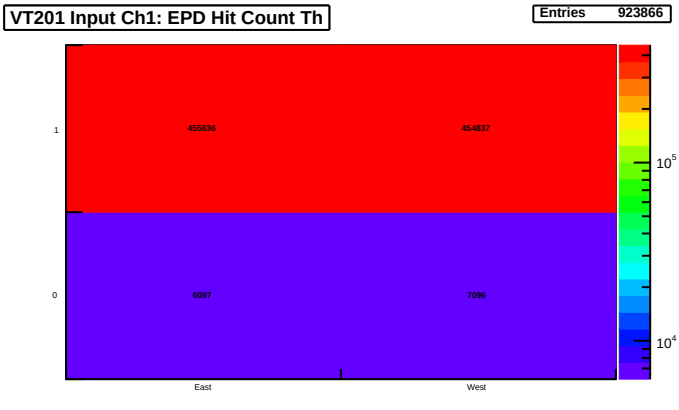

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

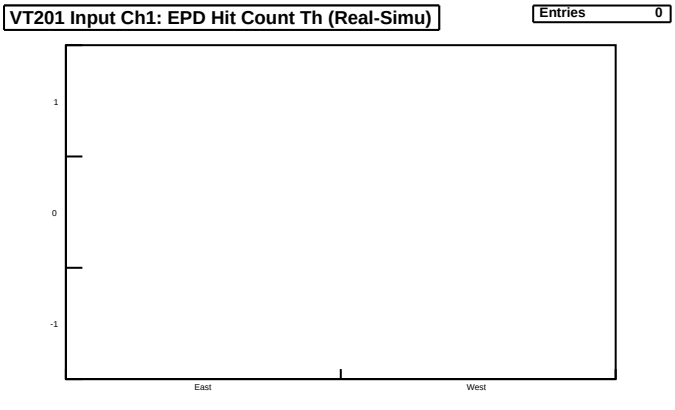

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 923866
332663
379418
129270
82515
East
West

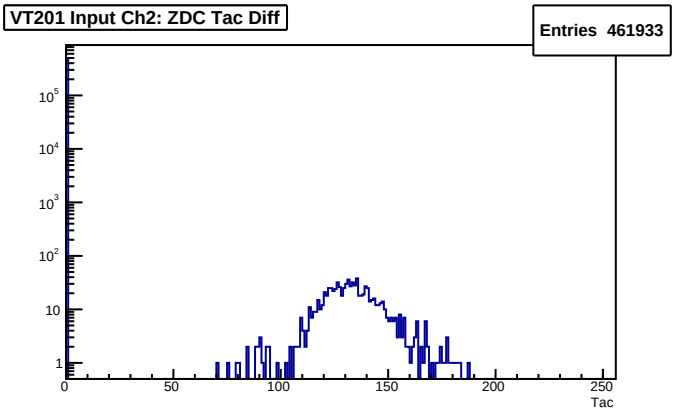

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

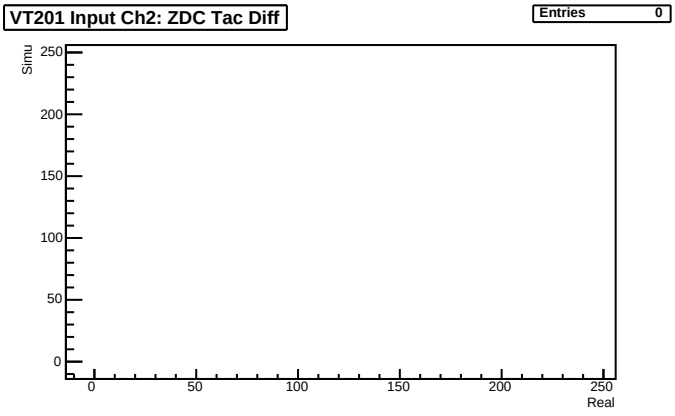

VT201 Input Ch1: EPD Tac Diff
Entries 461933
Tac

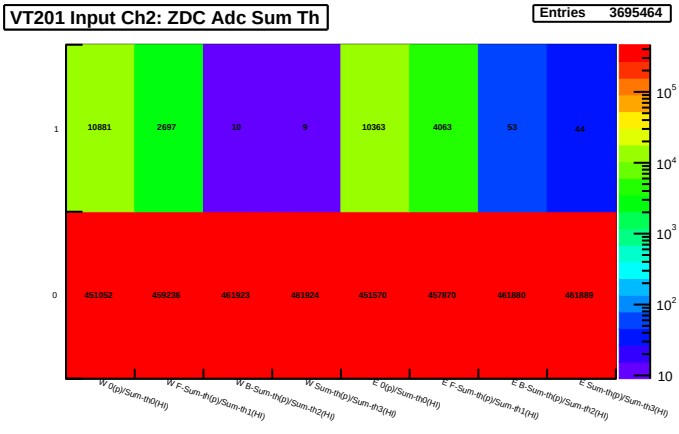

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

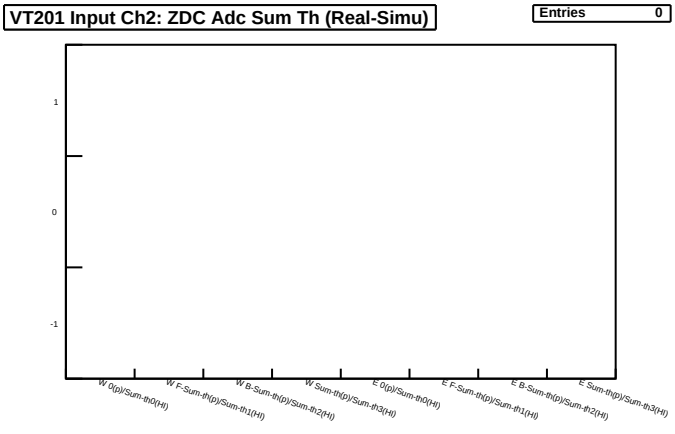

VT201 Input Ch1: EPD Hit Count Th
Entries 923866
455836
454837
6097
7096
East
West

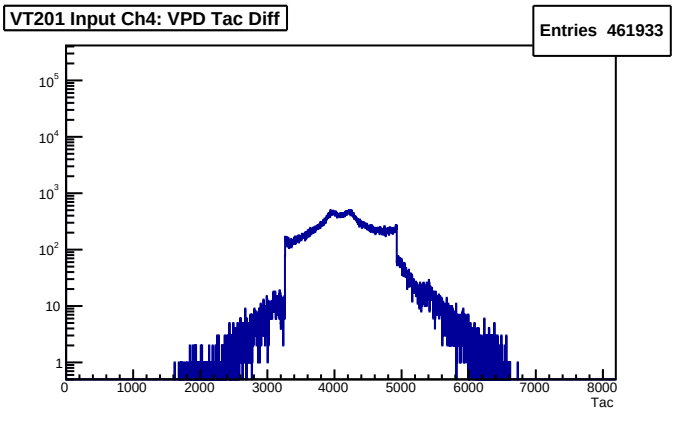

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

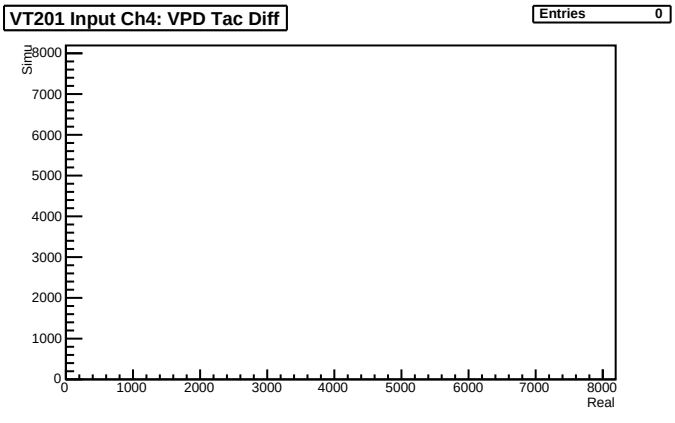

VT201 Input Ch2: ZDC Tac Diff
Entries 461933
Tac

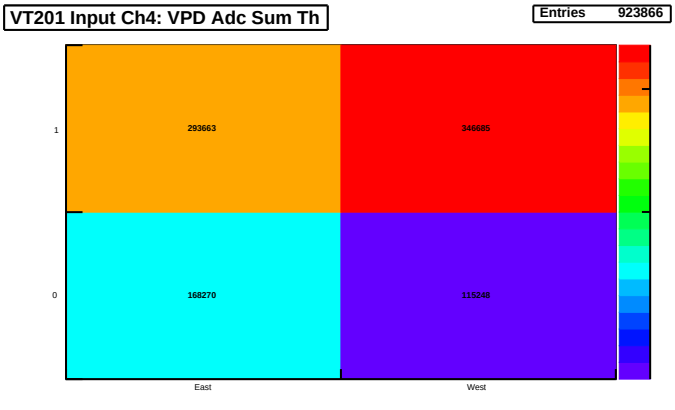

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

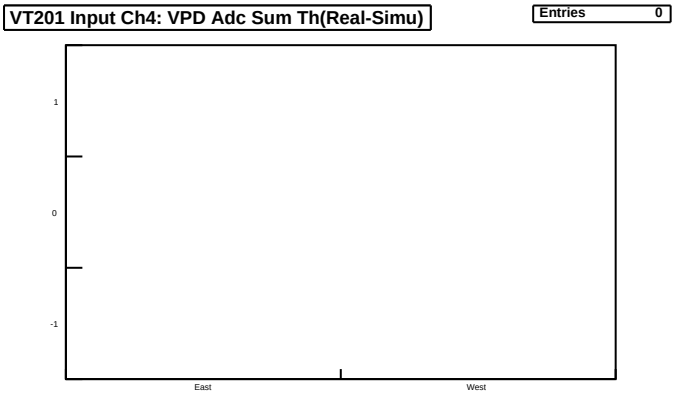

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3695464
10881
2697
10
9
10363
4063
53
44
451052
459236
461923
461924
451570
457870
461880
461889
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

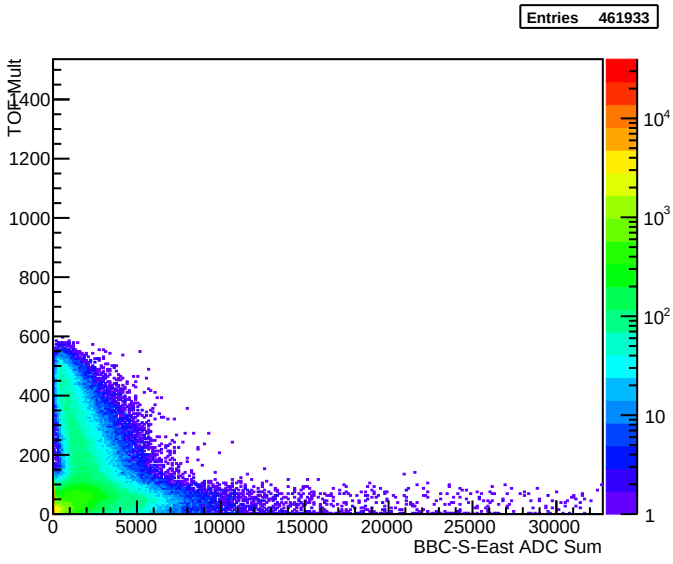

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

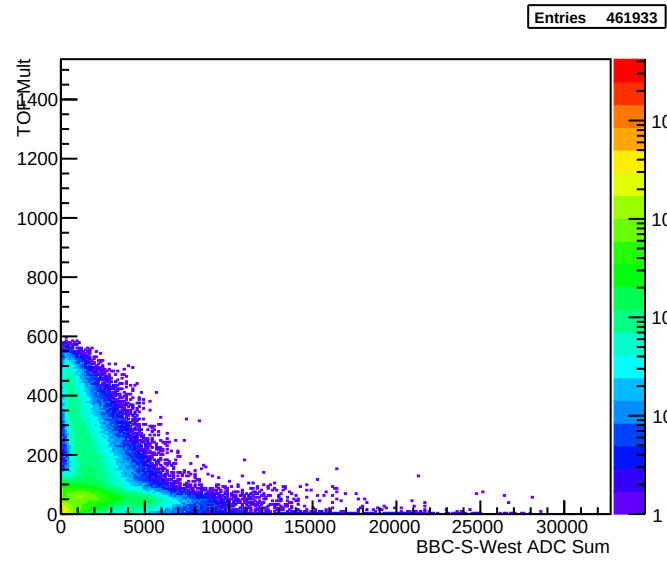

VT201 Input Ch4: VPD Tac Diff
Entries 461933
Tac

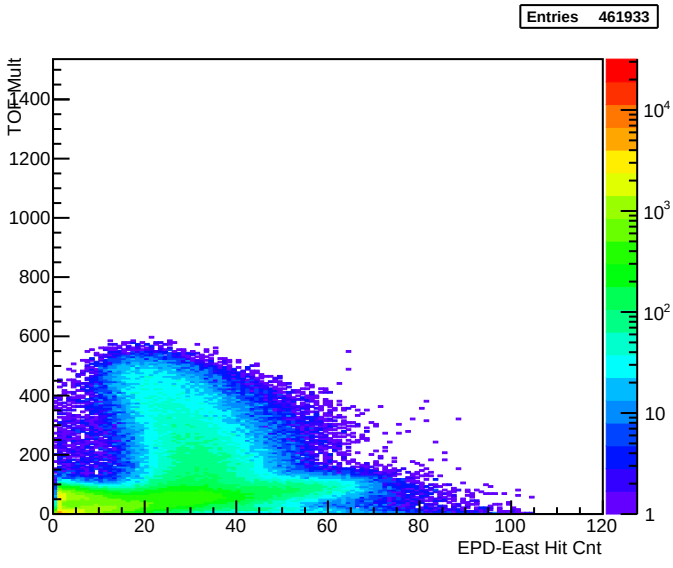

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

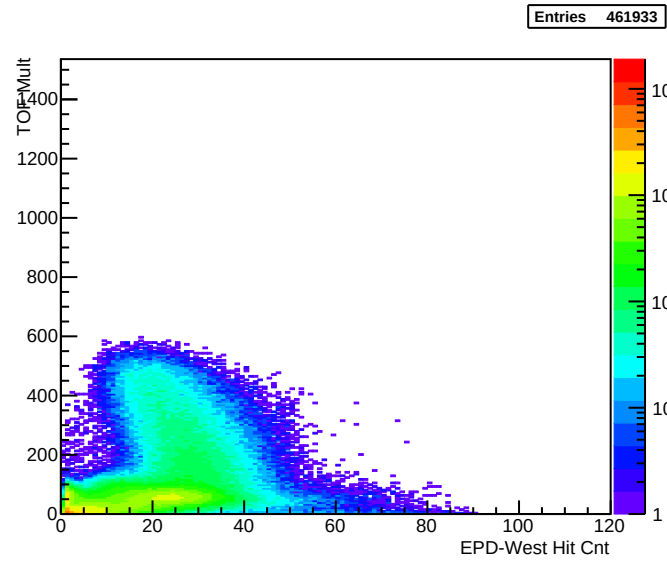

VT201 Input Ch4: VPD Adc Sum Th
Entries 923866
293663
346685
168270
115248
East
West

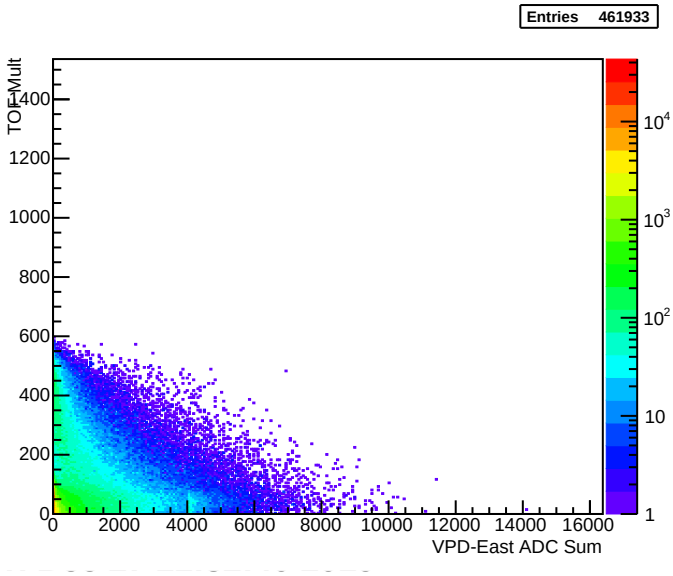

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

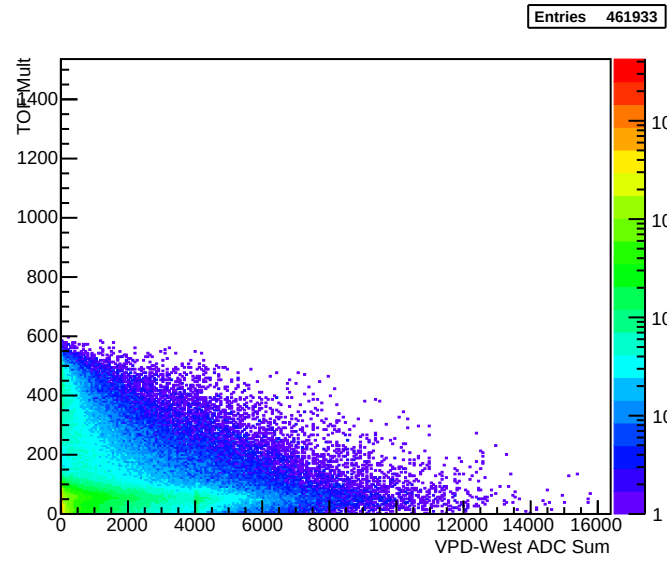

Entries 461933
TOF-Mult
BBC-S-East ADC Sum

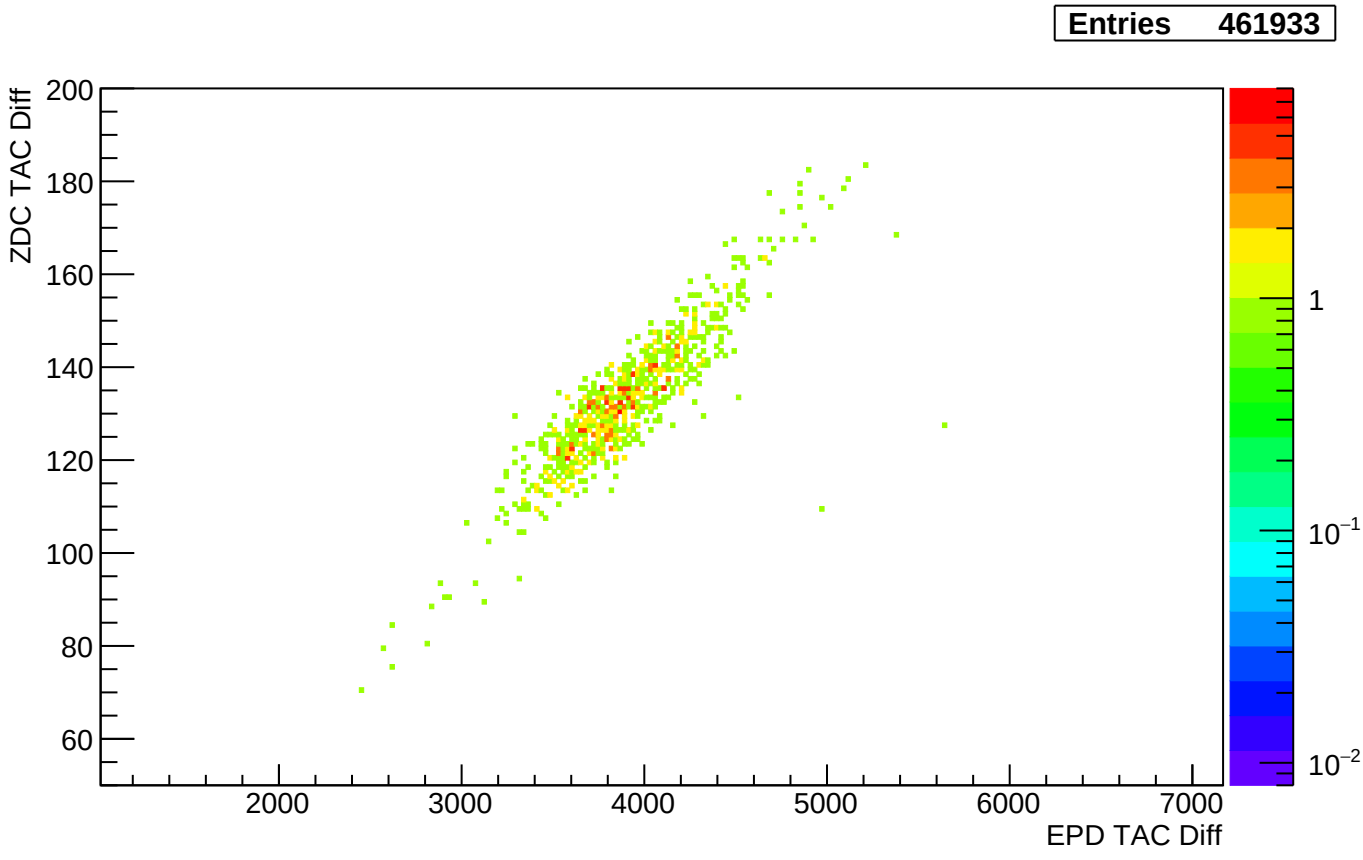

Entries 461933
TOF-Mult
BBC-S-West ADC Sum

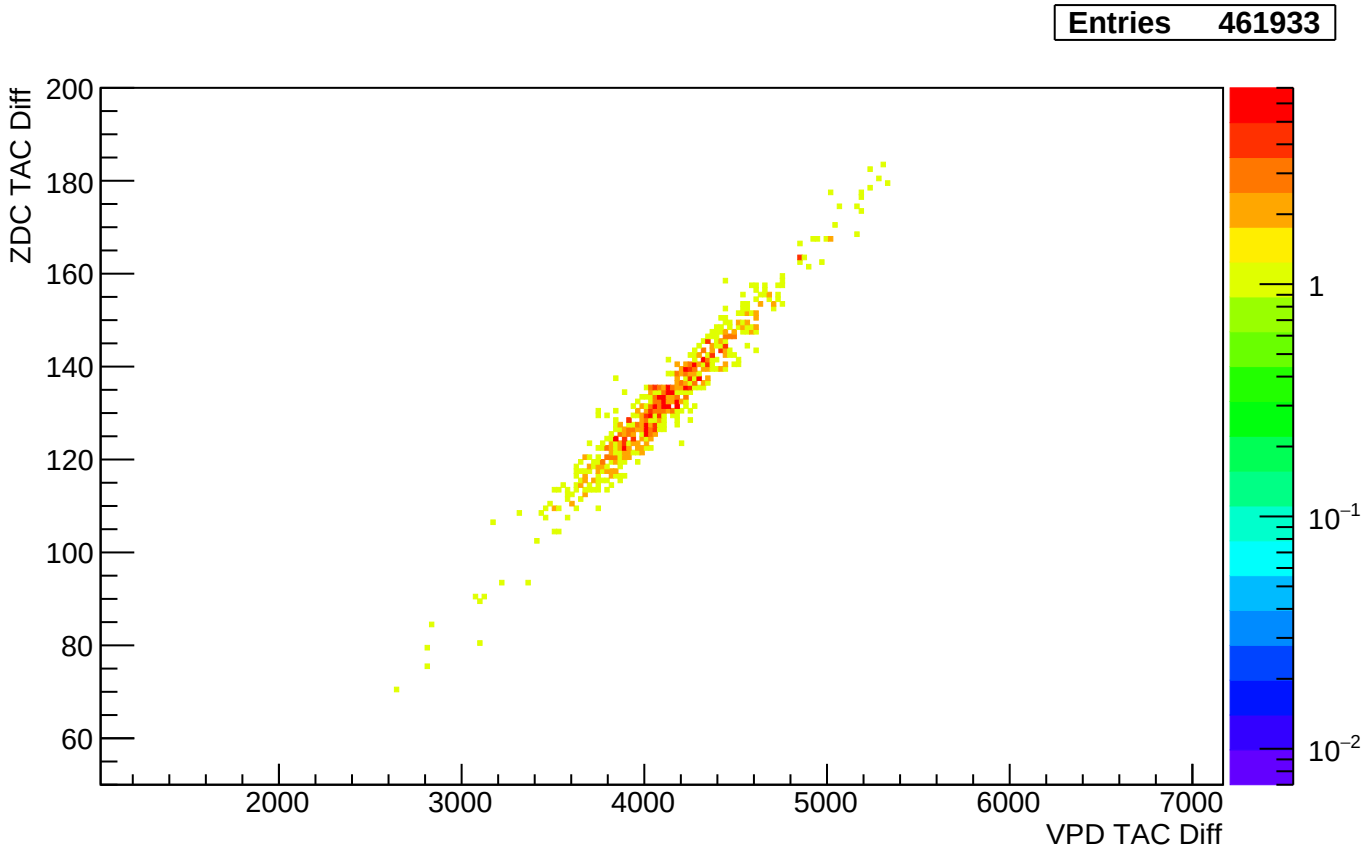

Entries 461933
TOF-Mult
EPD-East Hit Cnt

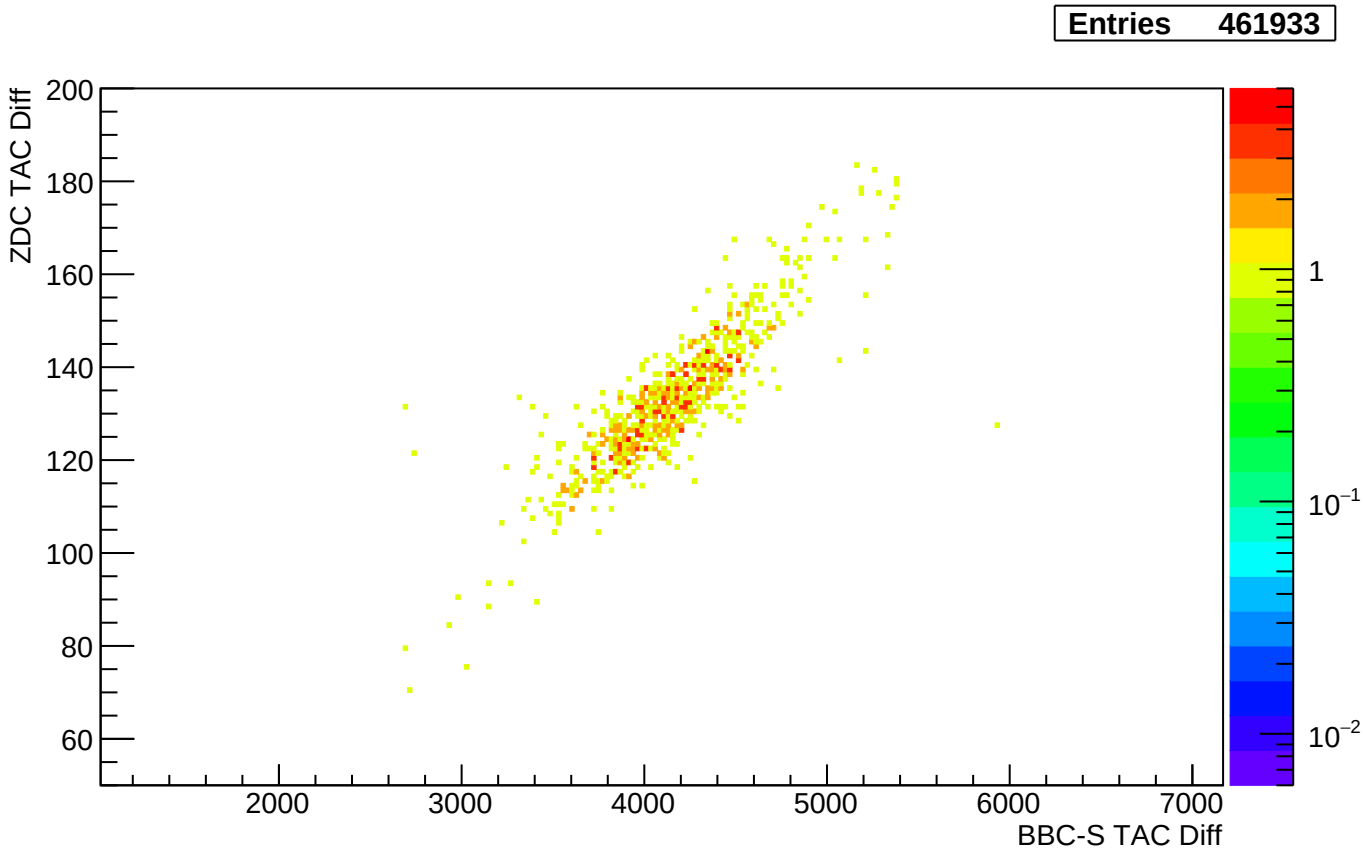

Entries 461933
TOF-Mult
EPD-West Hit Cnt

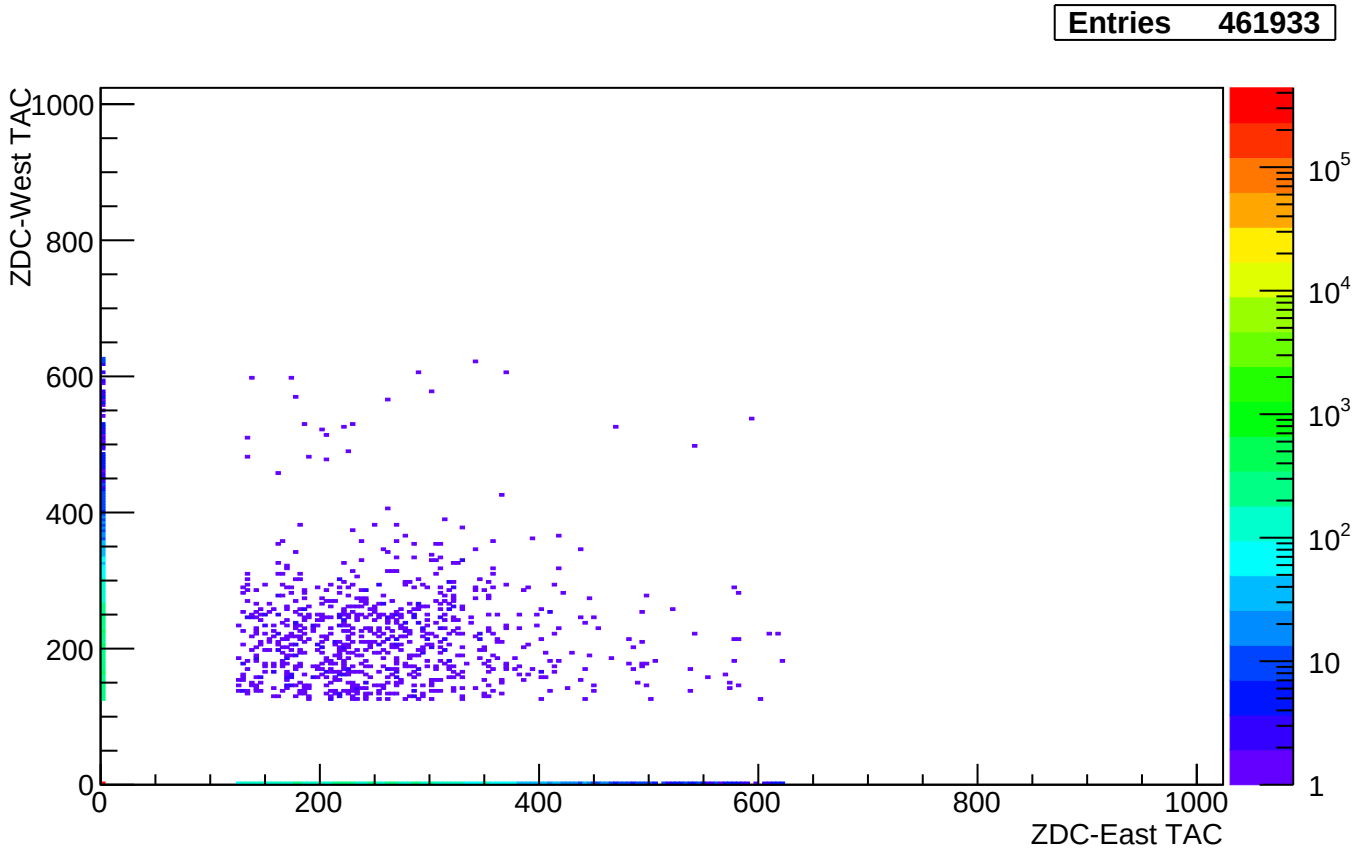

Entries 461933
TOF-Mult
VPD-East ADC Sum

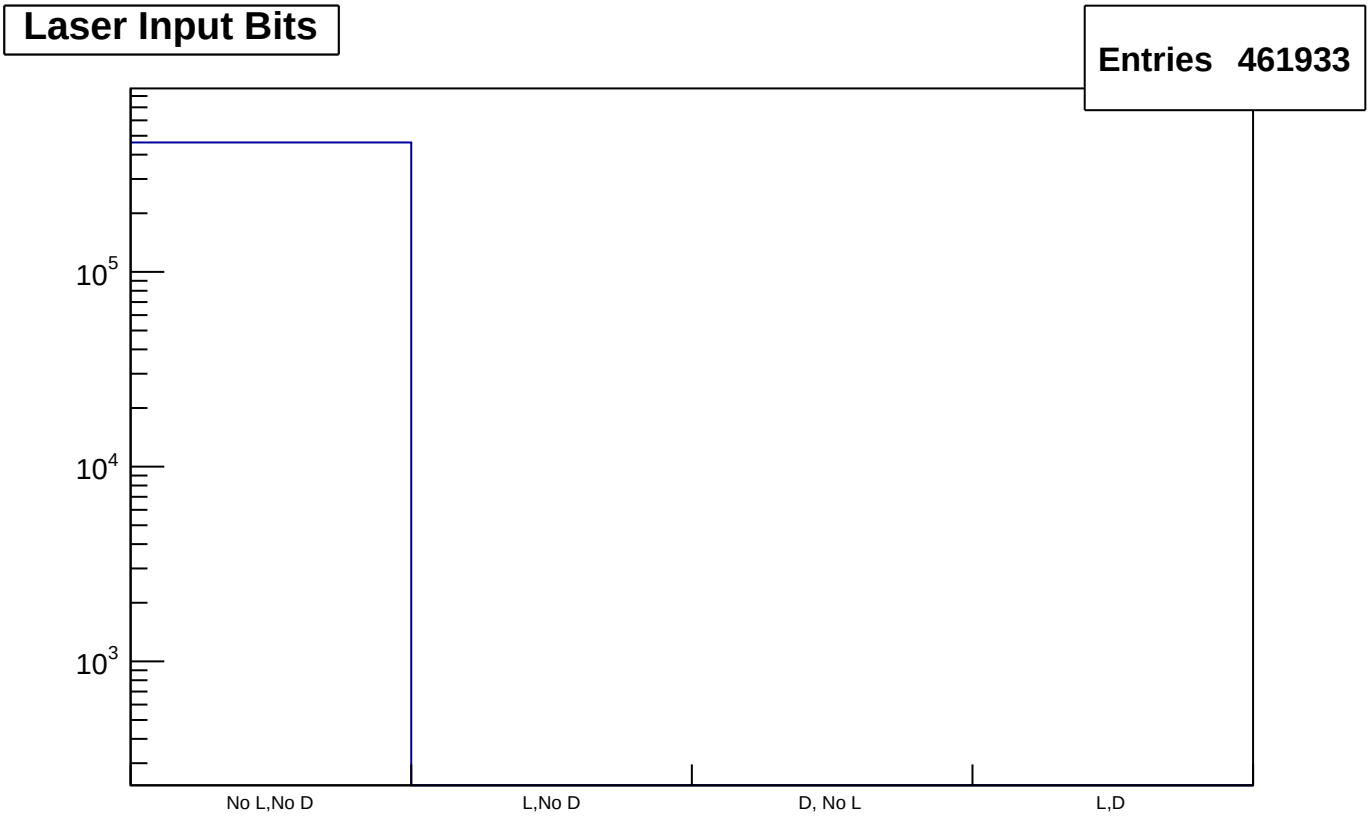

Entries 461933
TOF-Mult
VPD-West ADC Sum

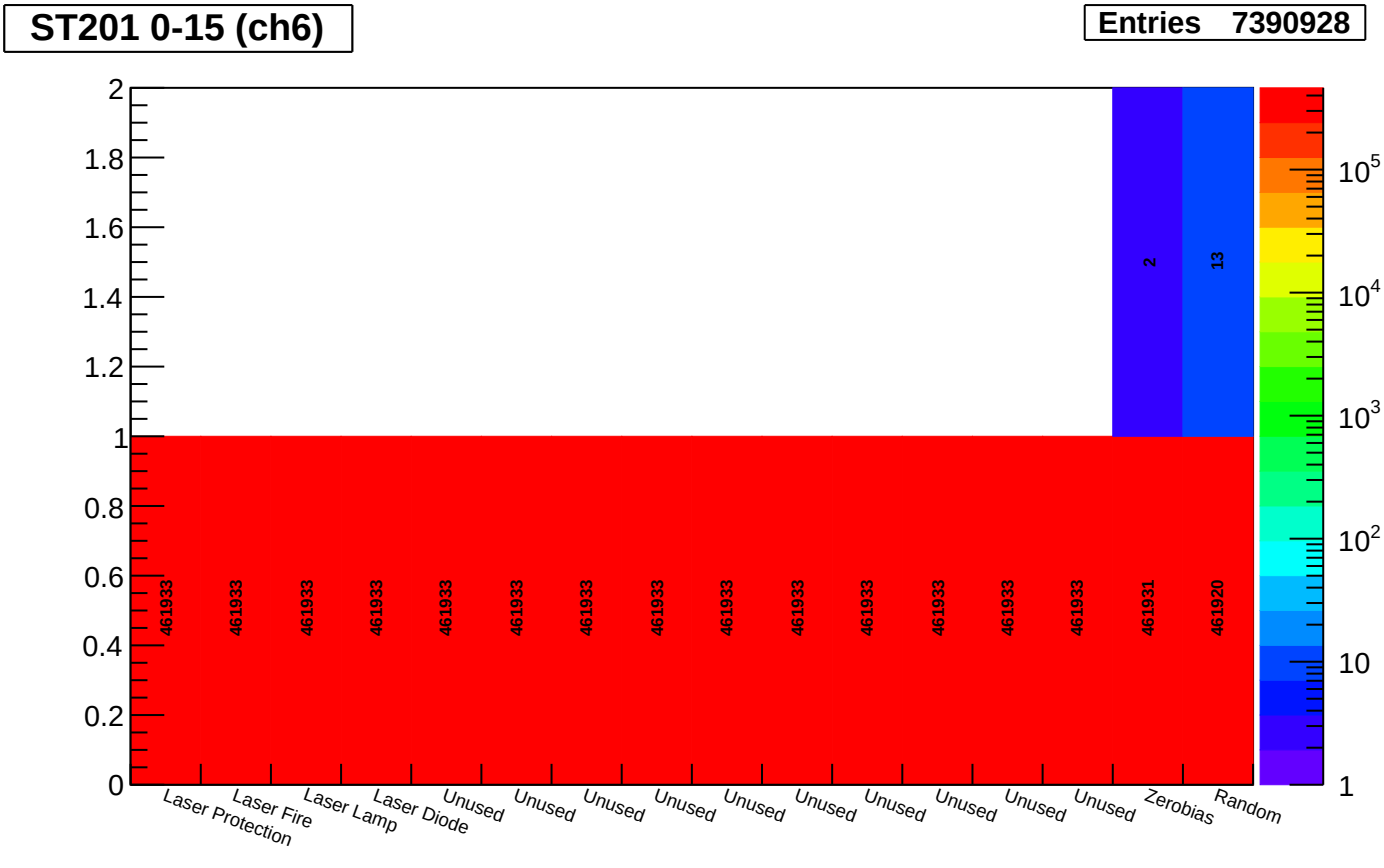

Entries 461933
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

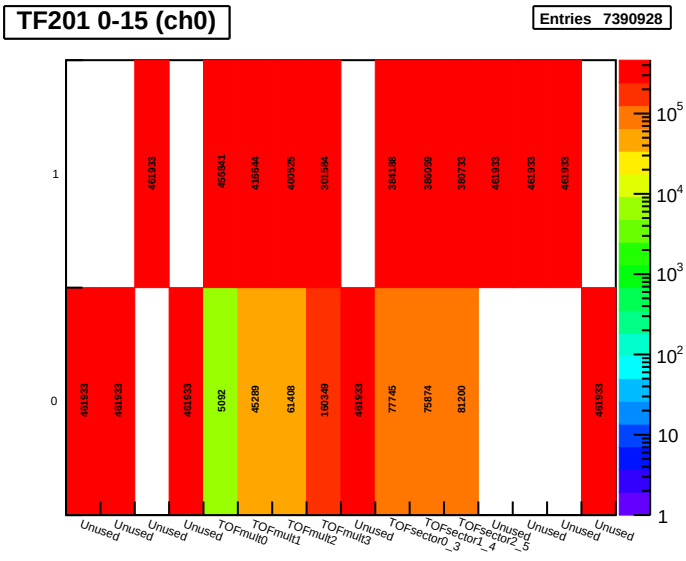

Entries 461933
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

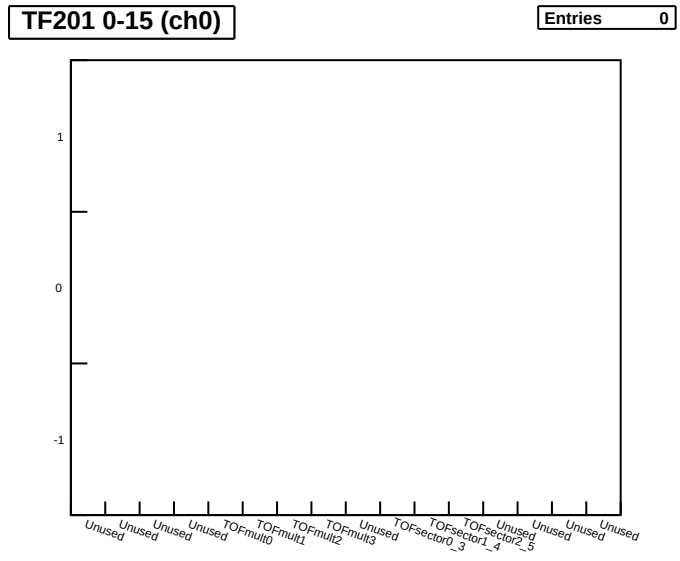

Entries 461933
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

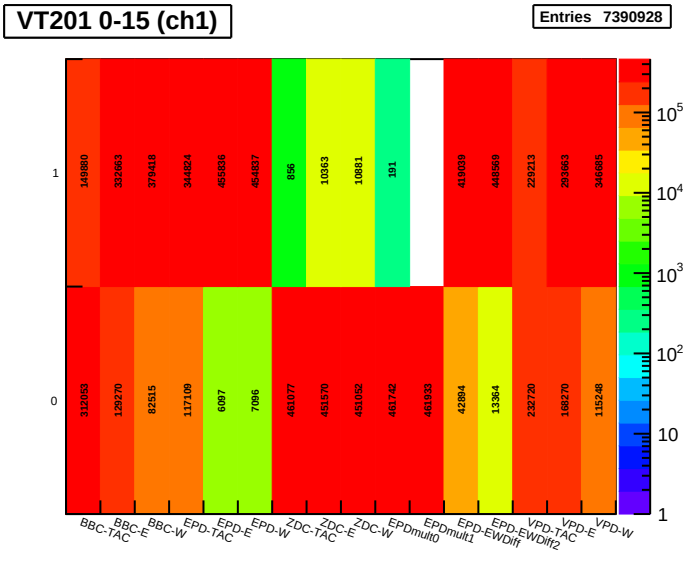

Entries 461933
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

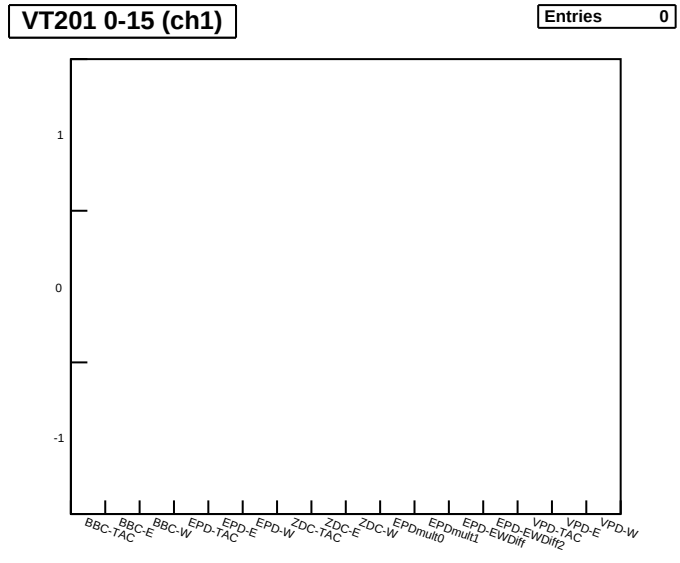

Laser Input Bits
Entries 461933
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

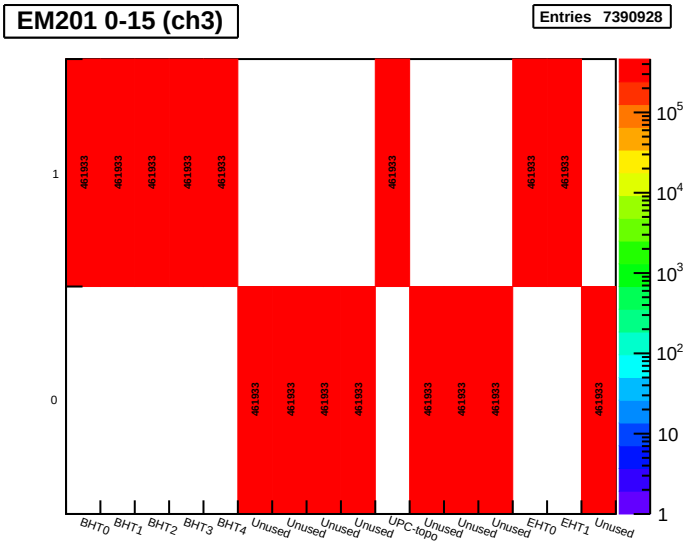

ST201 0-15 (ch6)
Entries 7390928
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461931
461920
2
13
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

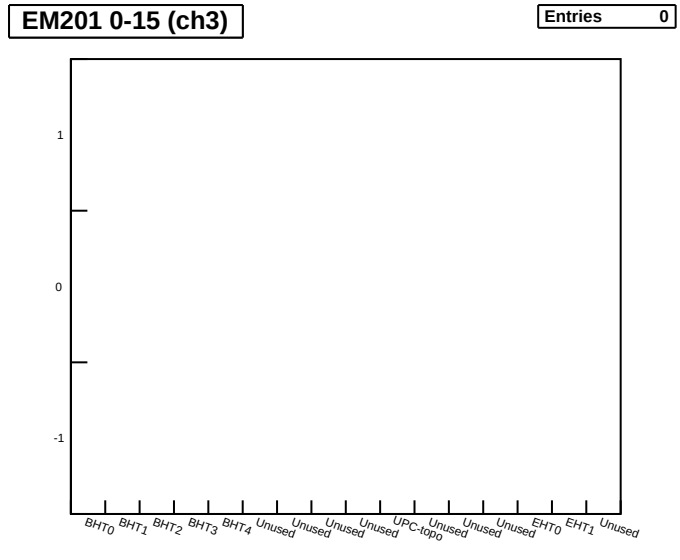

TF201 0-15 (ch0)
Entries 7390928
1
0
461933
456841
416644
400525
301584
384188
386059
380733
461933
461933
461933
461933
461933
5092
45289
61408
160349
461933
77745
75874
81200
461933
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5


VT201 0-15 (ch1)
Entries 7390928
1
0
149880
332663
379418
344824
455836
454837
856
10363
10881
191
419039
448569
229213
293663
346685
312053
129270
82515
117109
6097
7096
461077
451570
451052
461742
461933
42894
13364
232720
168270
115248
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 7390928
1
0
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
461933
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1
10^5
10^4
10^3
10^2
10
1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
UPC-topo
EHT0
EHT1