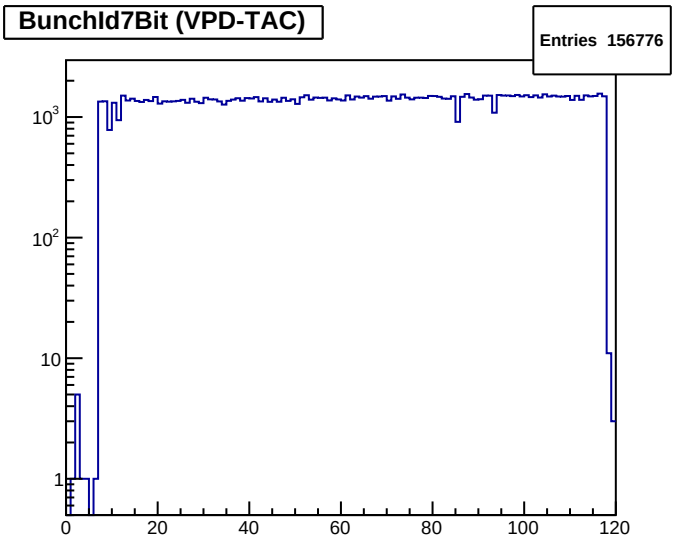
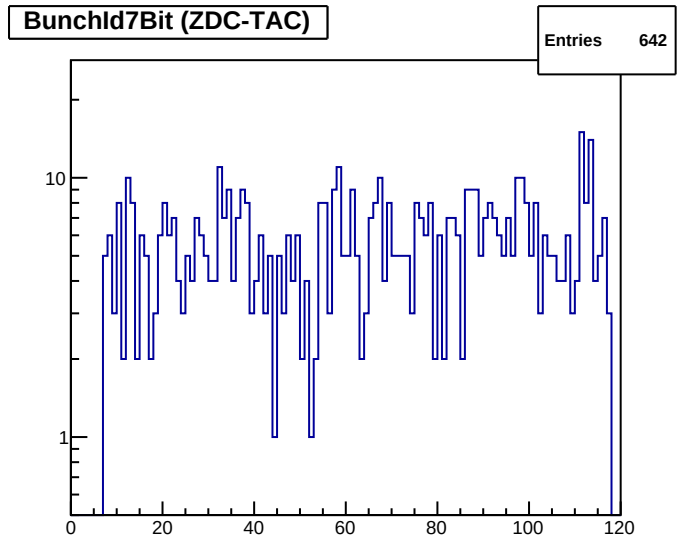
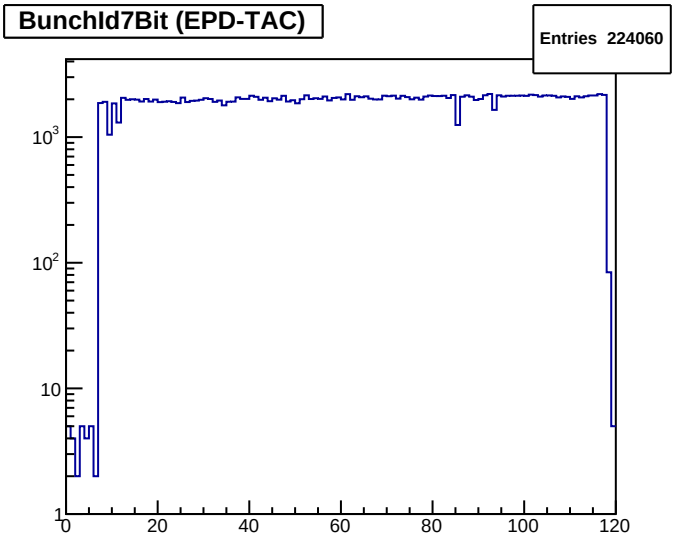
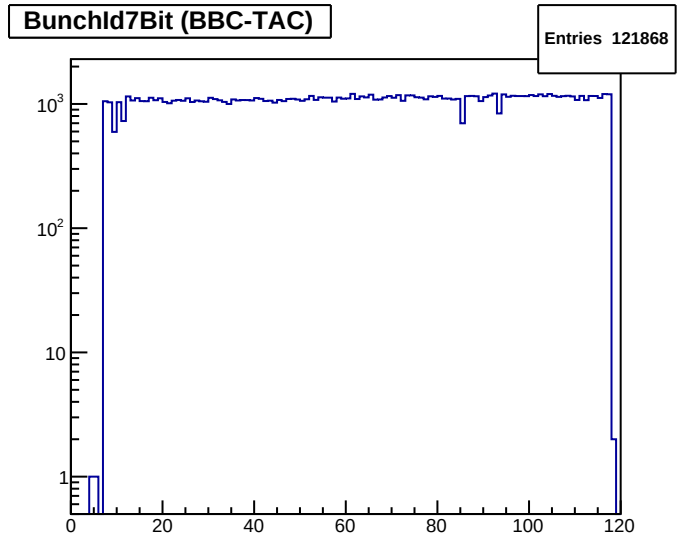
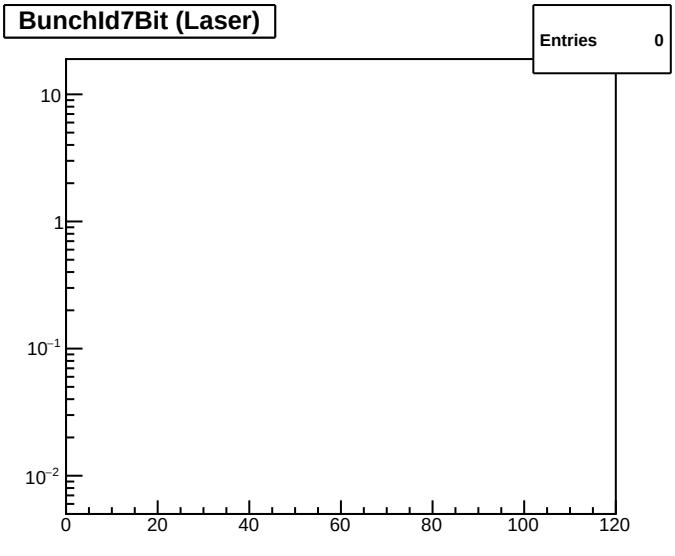
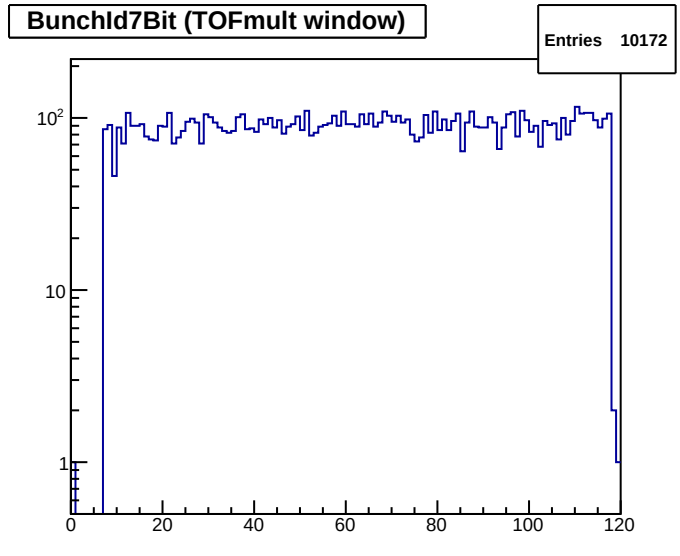

BunchId7Bit (VPD-TAC)
Entries 156776

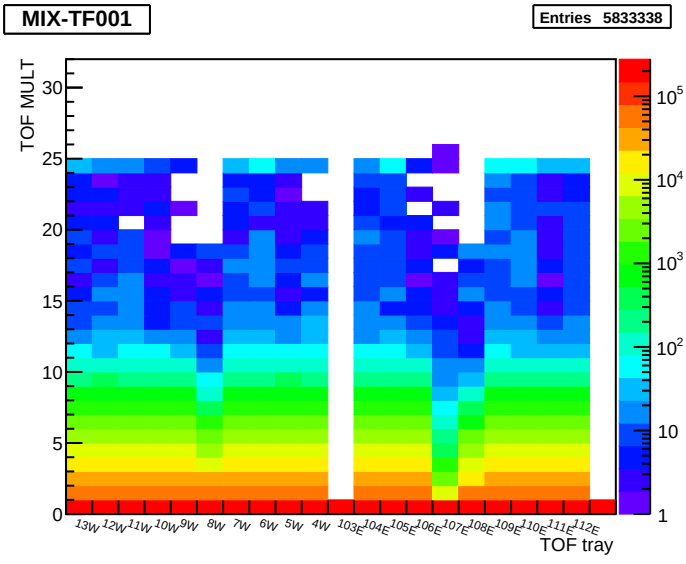

BunchId7Bit (ZDC-TAC)
Entries 642

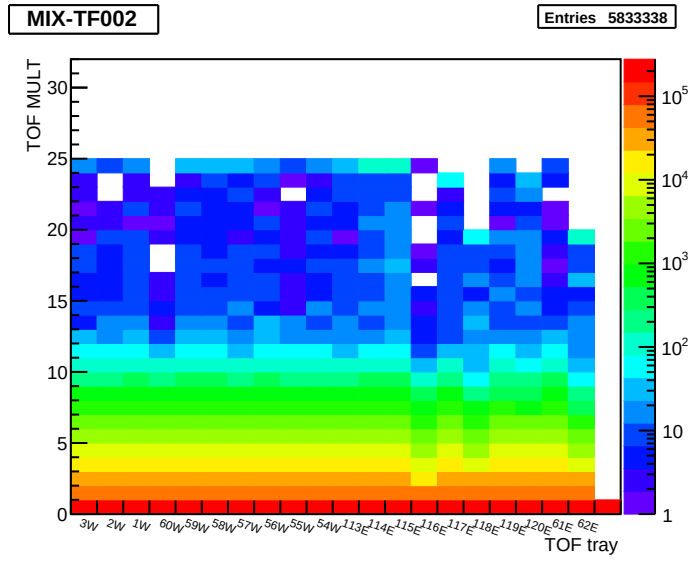

BunchId7Bit (EPD-TAC)
Entries 224060

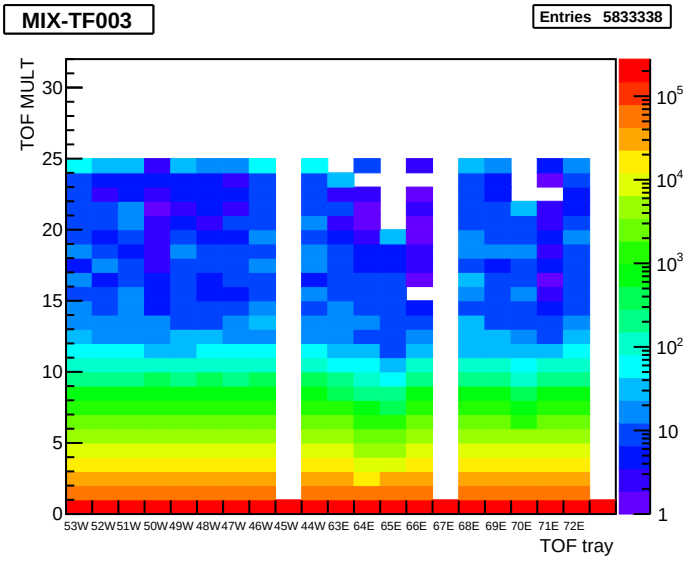

BunchId7Bit (BBC-TAC)
Entries 121868

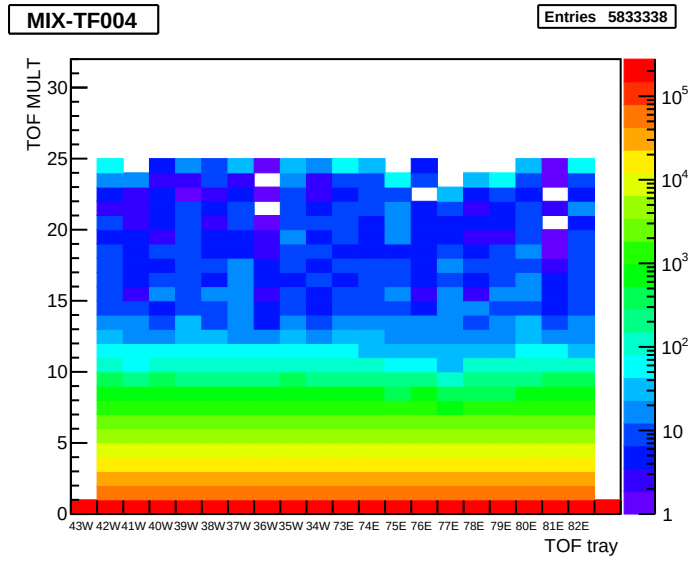

BunchId7Bit (Laser)
Entries 0

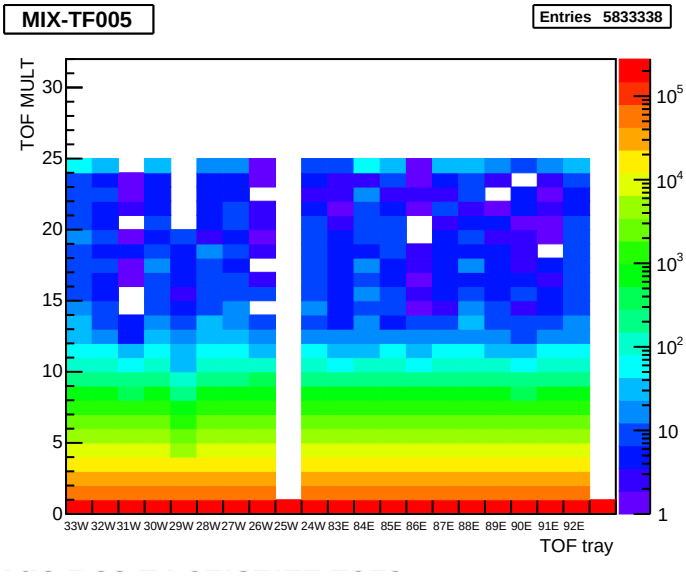

BunchId7Bit (TOFmult window)
Entries 10172

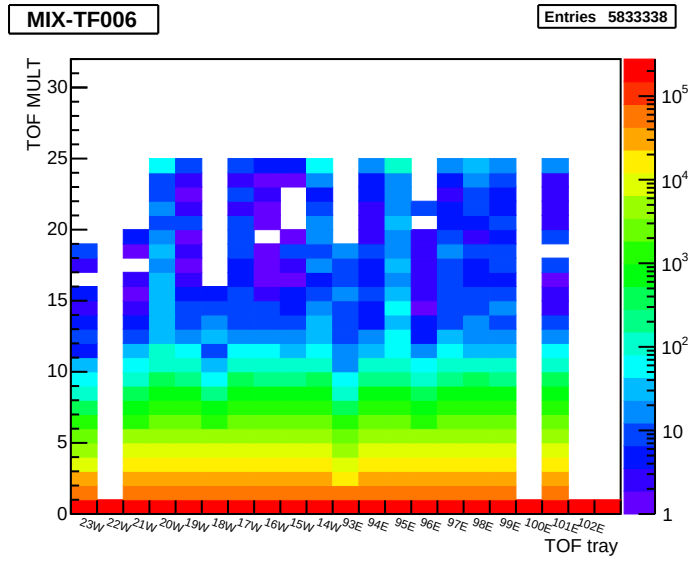

MIX-TF001
Entries 5833338
TOF MULT
TOF tray

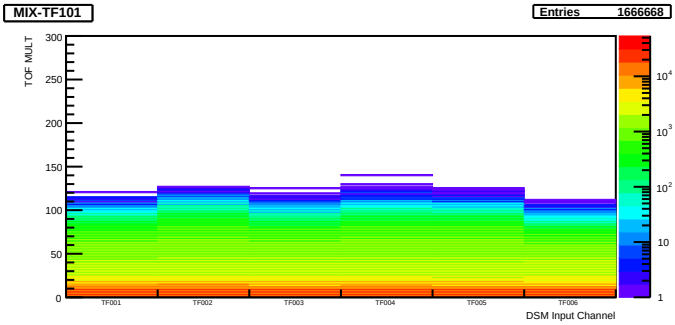

MIX-TF002
Entries 5833338
TOF MULT
TOF tray

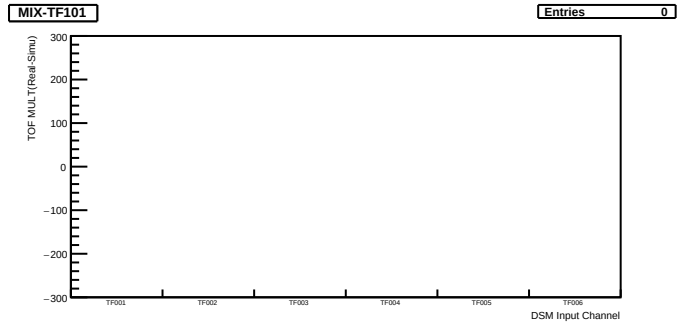

MIX-TF003
Entries 5833338
TOF MULT
TOF tray

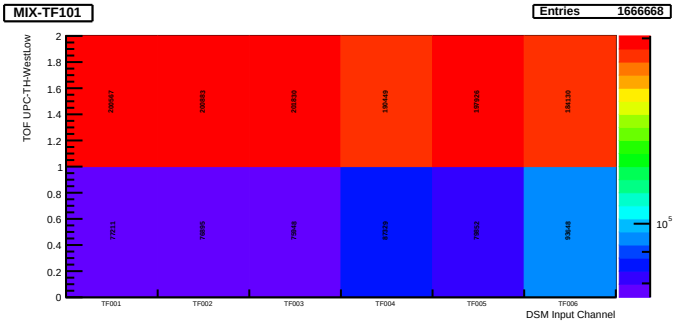

MIX-TF004
Entries 5833338
TOF MULT
TOF tray

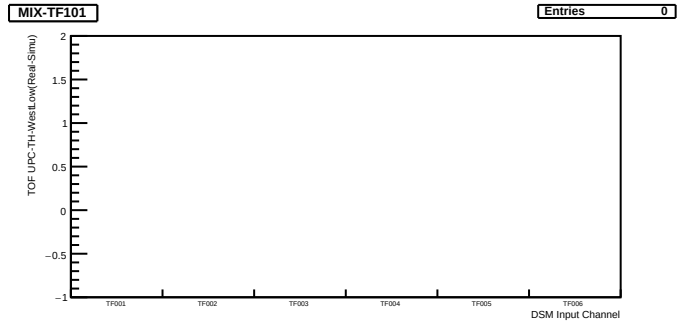

MIX-TF005
Entries 5833338
TOF MULT
TOF tray

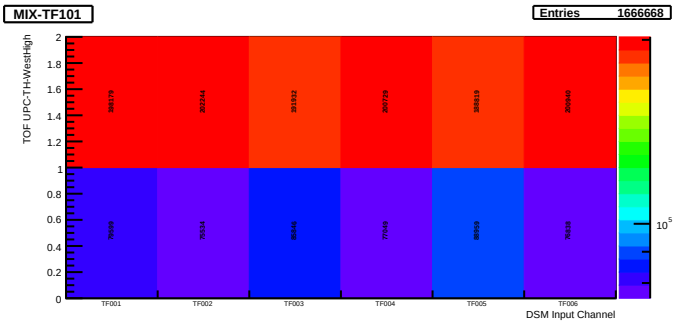

MIX-TF006
Entries 5833338
TOF MULT
TOF tray

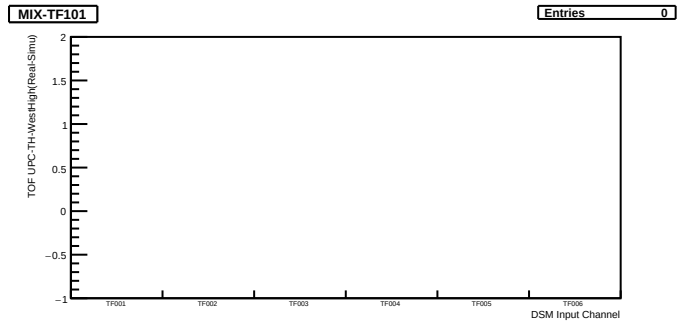

MIX-TF101
Entries 1666668
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

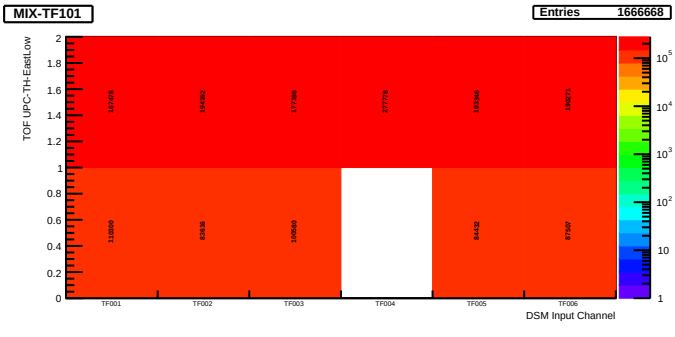

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

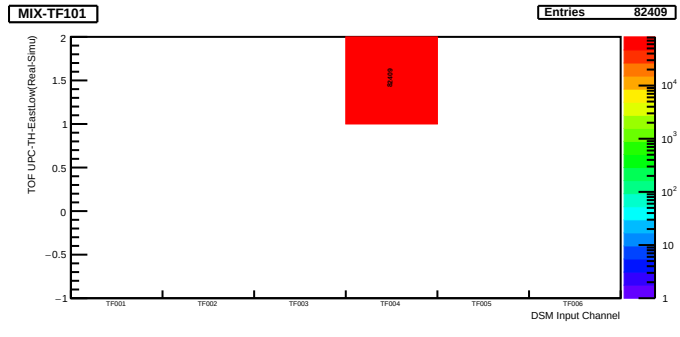

MIX-TF101
Entries 1666668
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

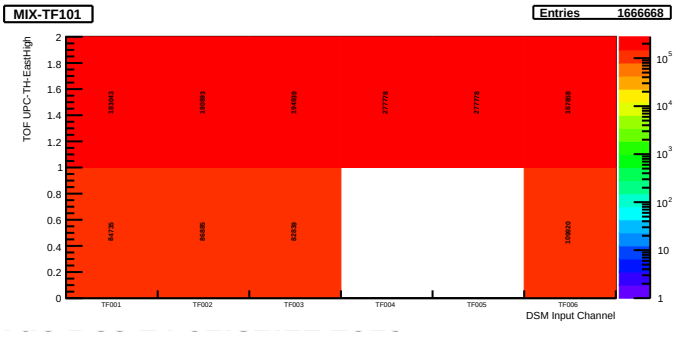

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

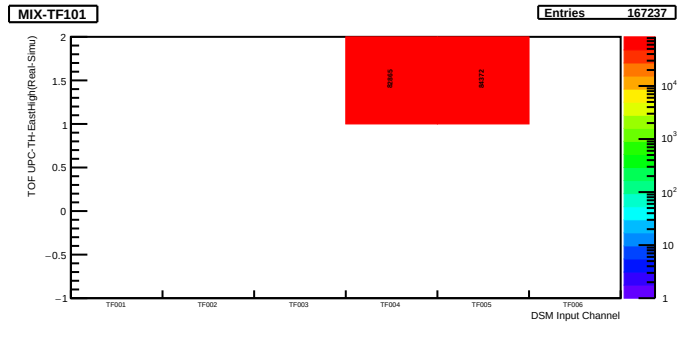

MIX-TF101
Entries 1666668
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

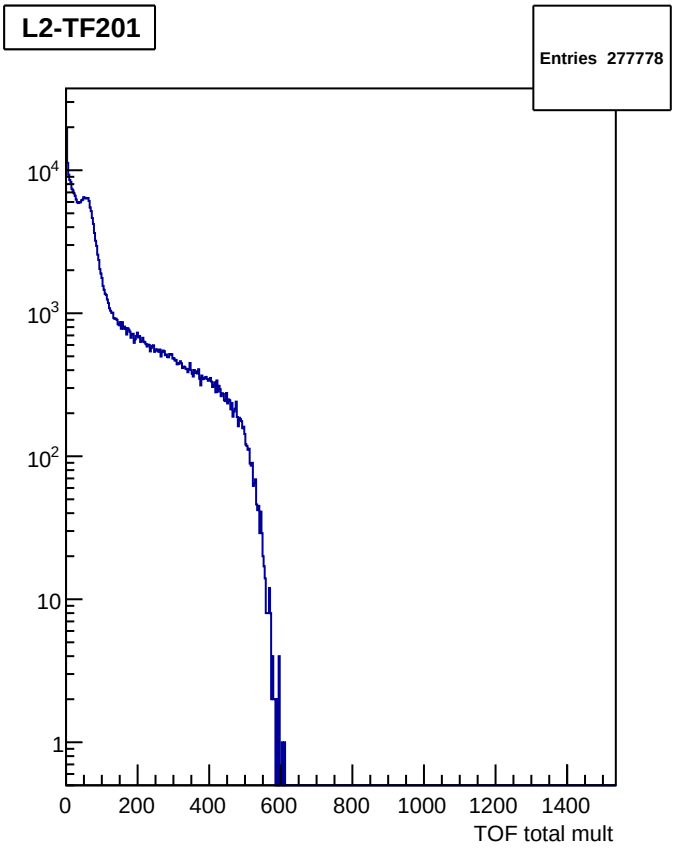

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

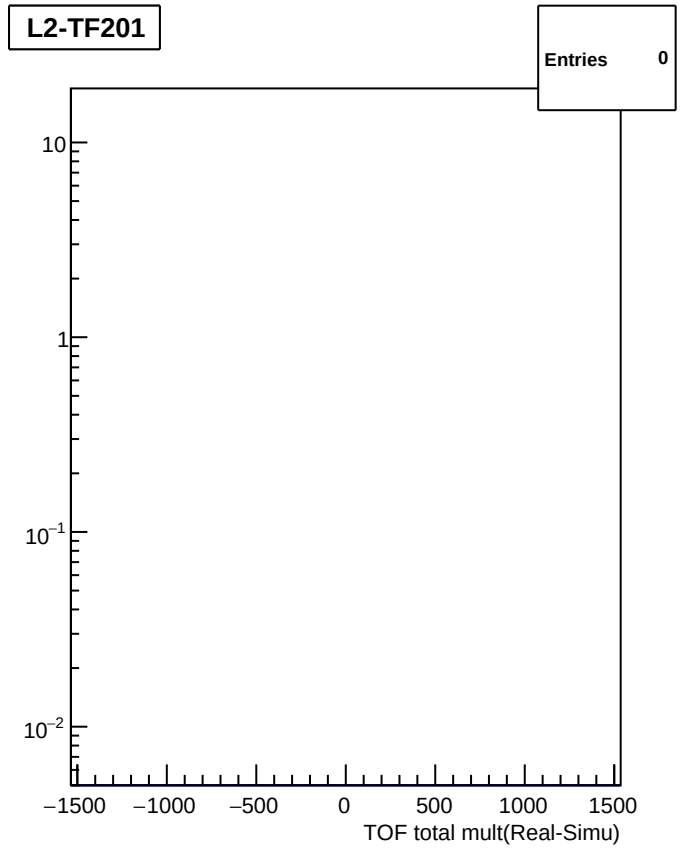

MIX-TF101
Entries 1666668
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

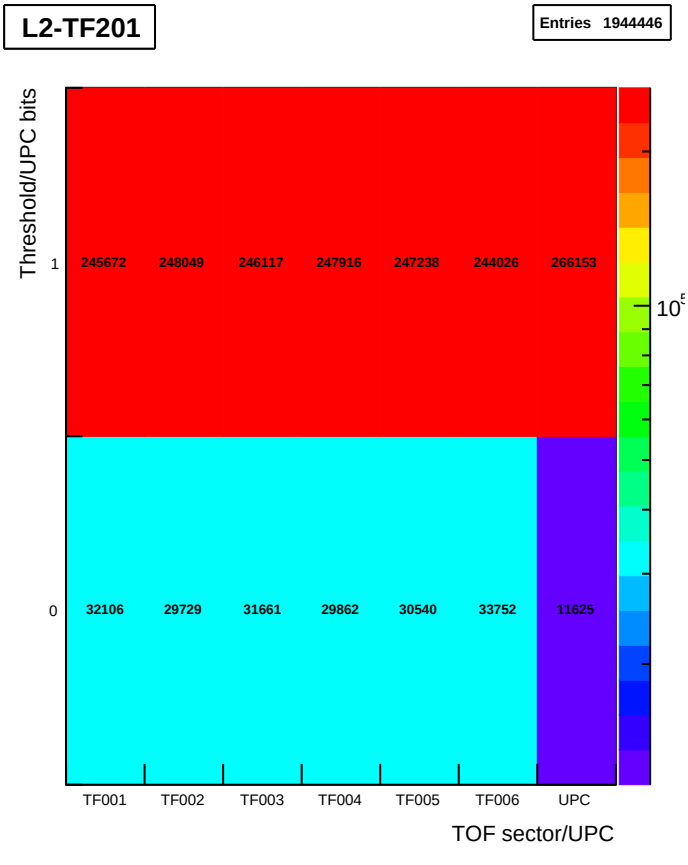

MIX-TF101
Entries 82409
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

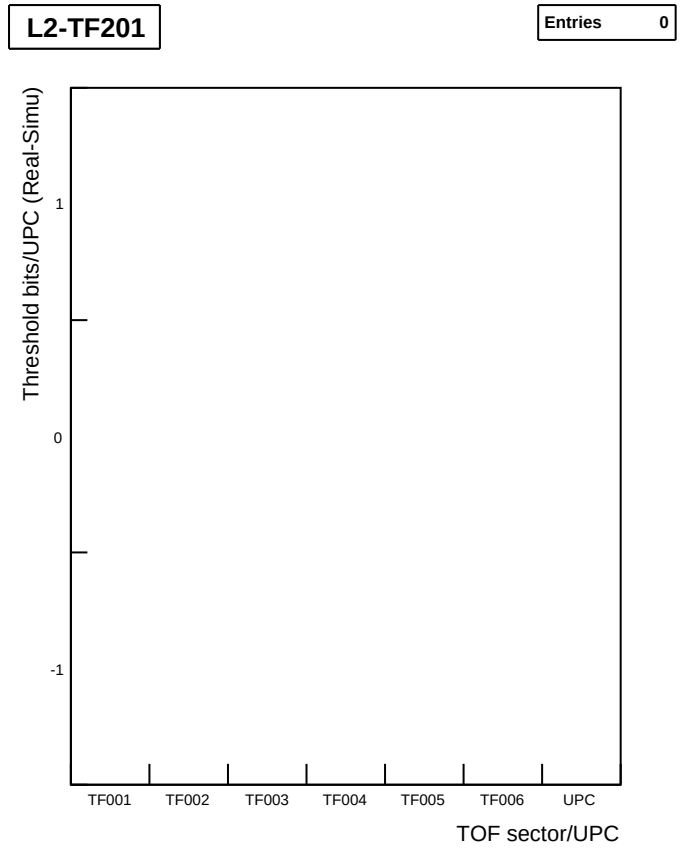

MIX-TF101
Entries 1666668
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

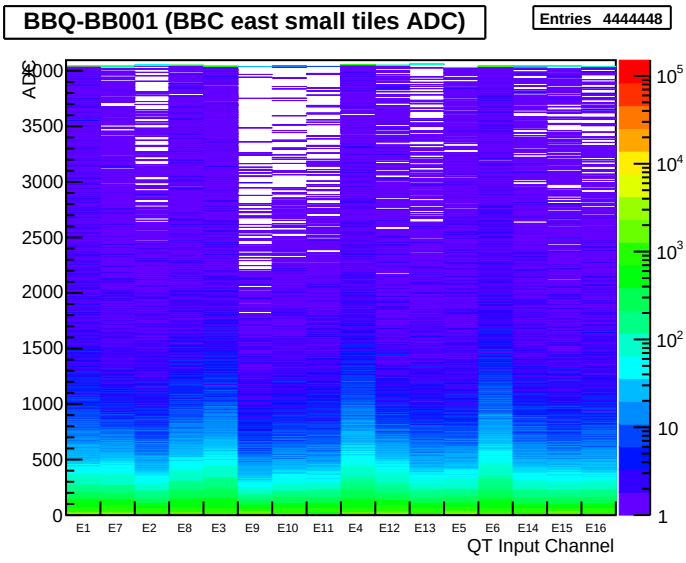

MIX-TF101
Entries 167237
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

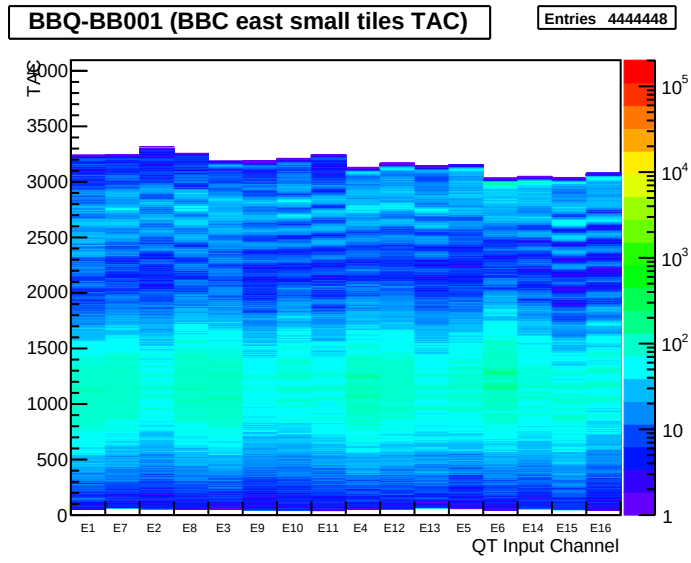

L2-TF201
Entries 277778
TOF total mult

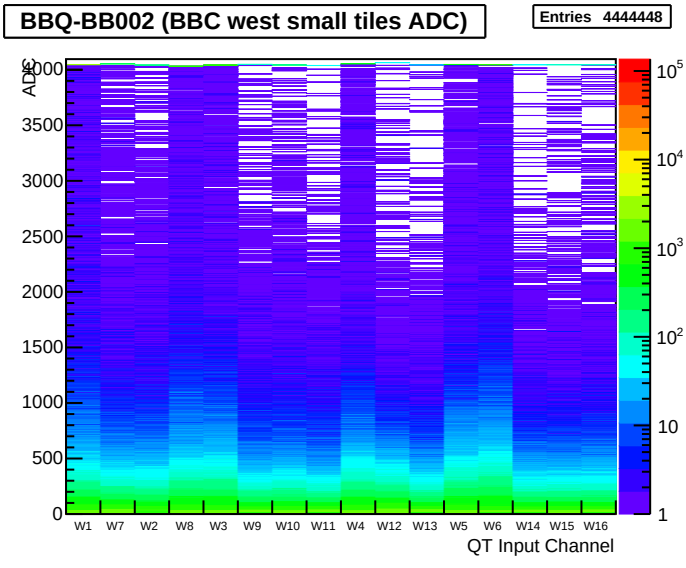

L2-TF201
Entries 0
TOF total mult(Real-Simu)

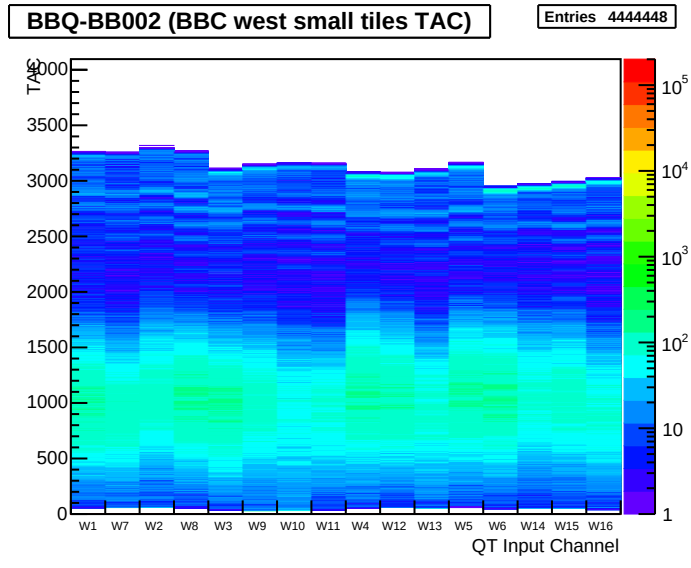

L2-TF201
Entries 1944446
Threshold/UPC bits
245672 248049 246117 247916 247238 244026 266153
32106 29729 31661 29862 30540 33752 11625
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

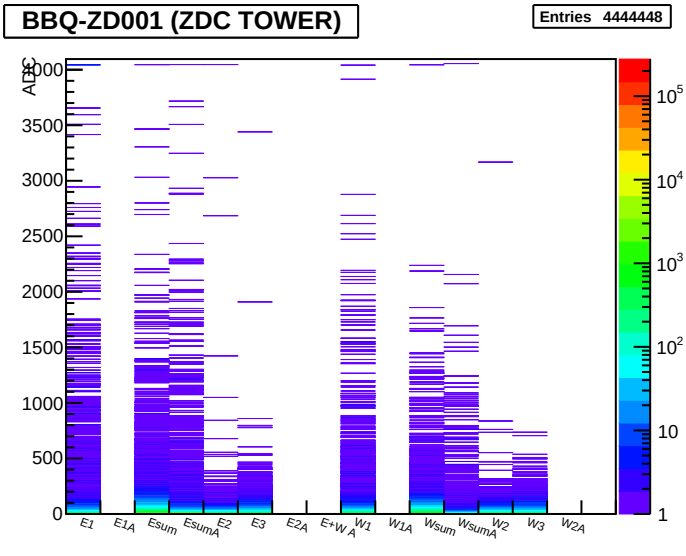

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001 TF002 TF003 TF004 TF005 TF006 UPC
TOF sector/UPC

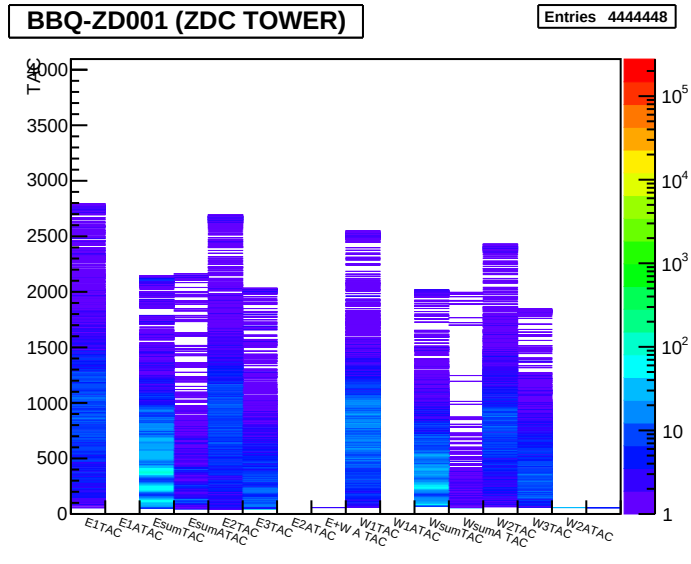

BBQ-BB001 (BBC east small tiles ADC)
Entries 4444448
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

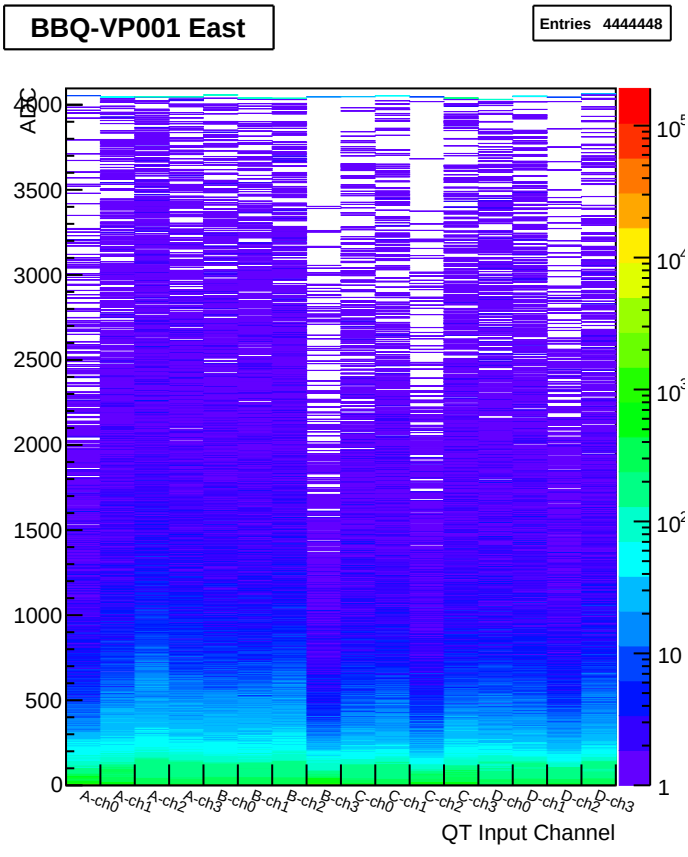

BBQ-BB001 (BBC east small tiles TAC)
Entries 4444448
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

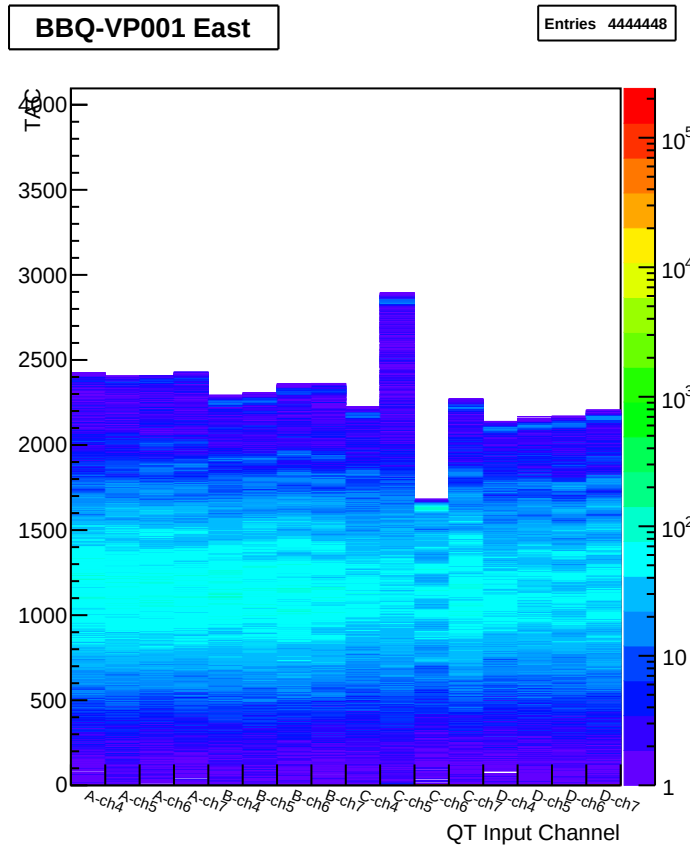

BBQ-BB002 (BBC west small tiles ADC)
Entries 4444448
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

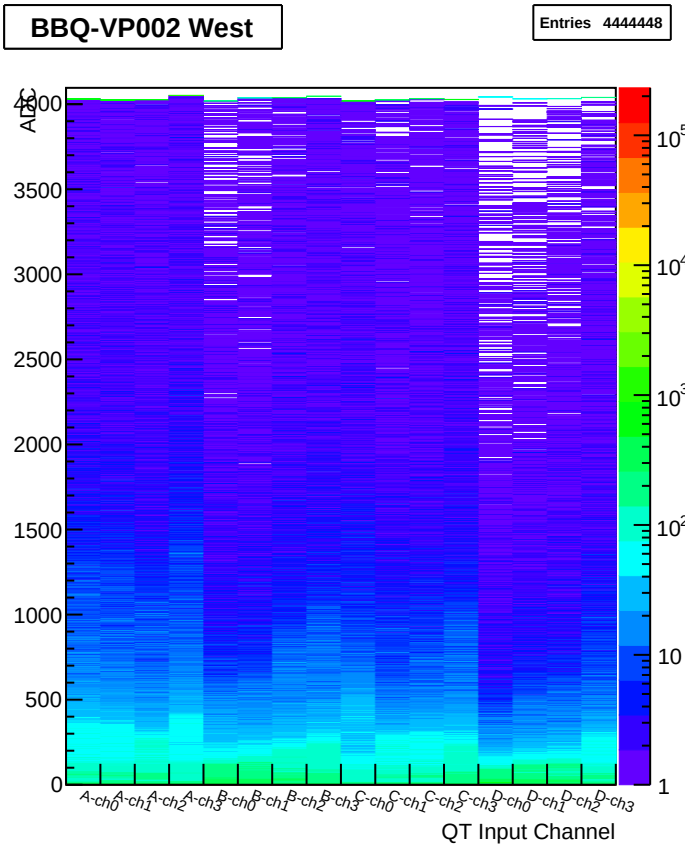

BBQ-BB002 (BBC west small tiles TAC)
Entries 4444448
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

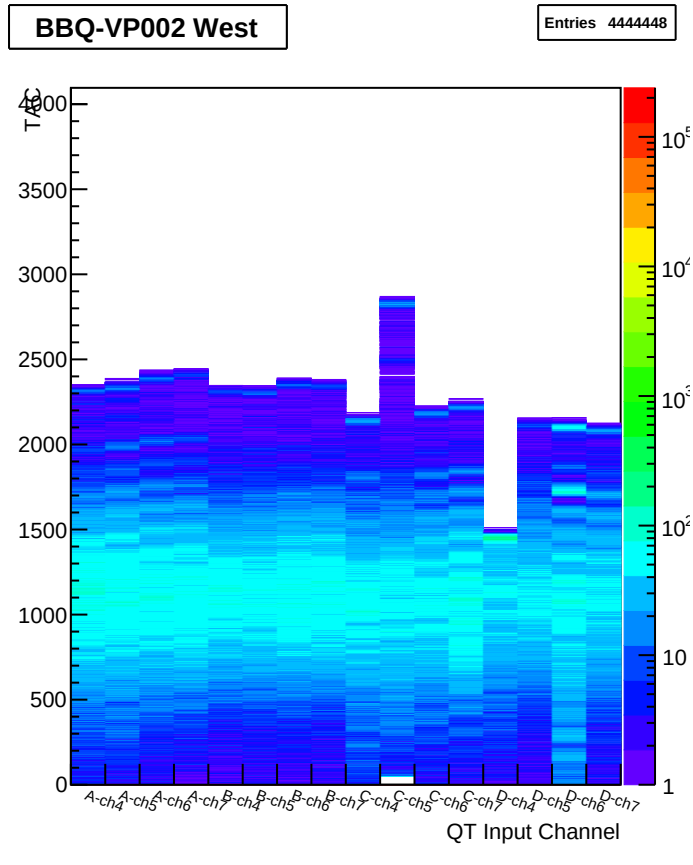

BBQ-ZD001 (ZDC TOWER)
Entries 4444448
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

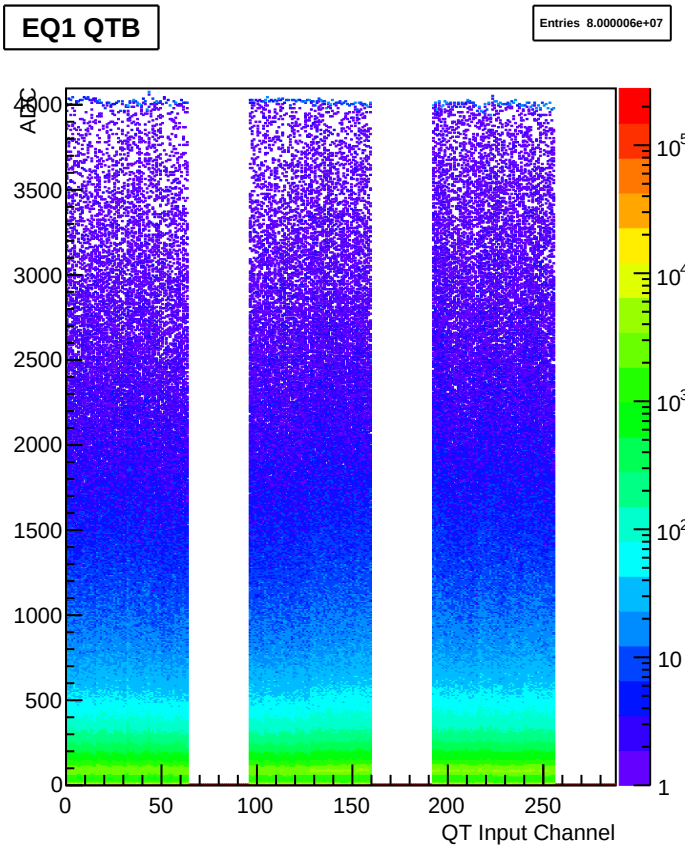

BBQ-ZD001 (ZDC TOWER)
Entries 4444448
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

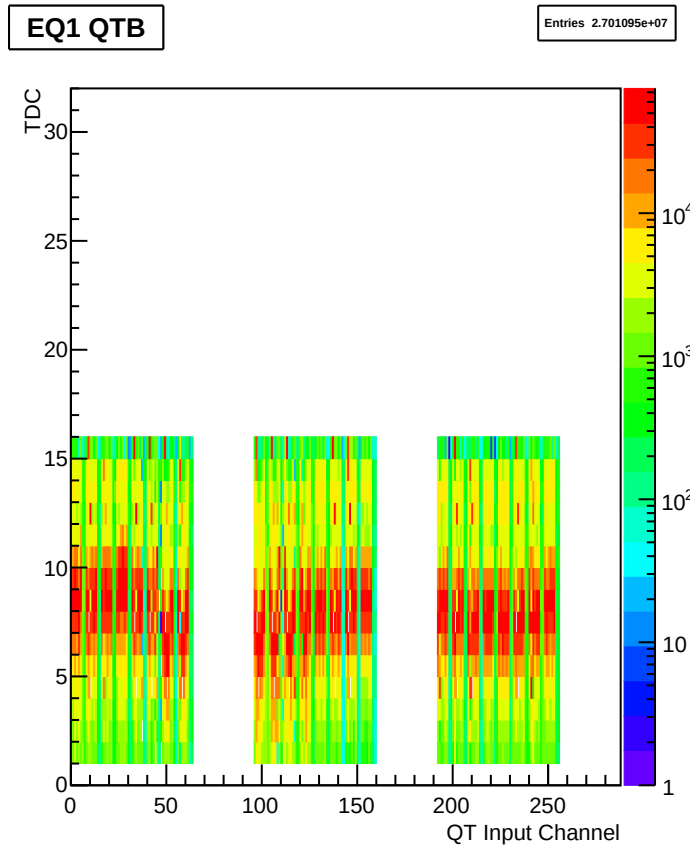

BBQ-VP001 East
Entries 4444448
ADC
QT Input Channel

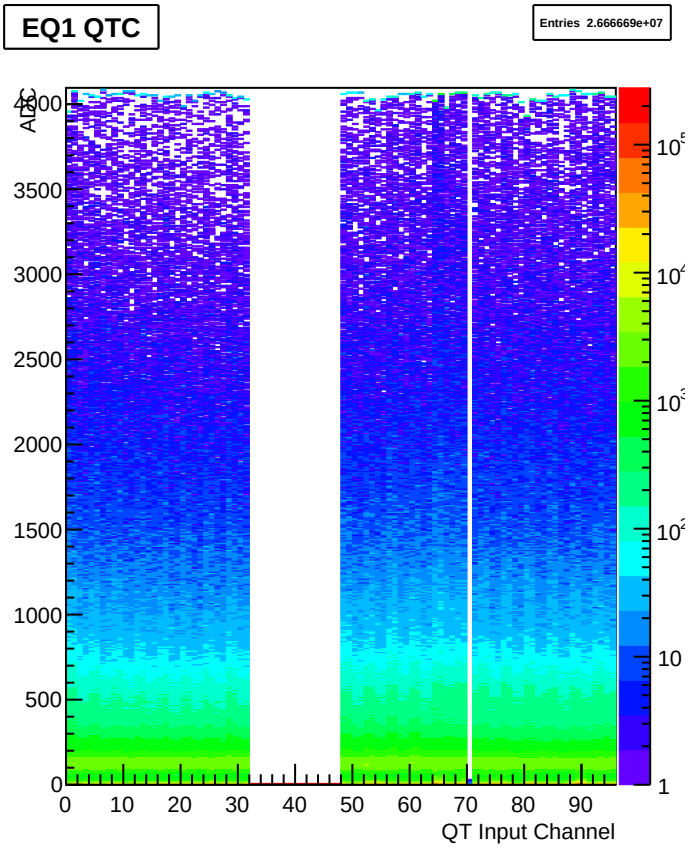

BBQ-VP001 East
Entries 4444448
TADC
QT Input Channel

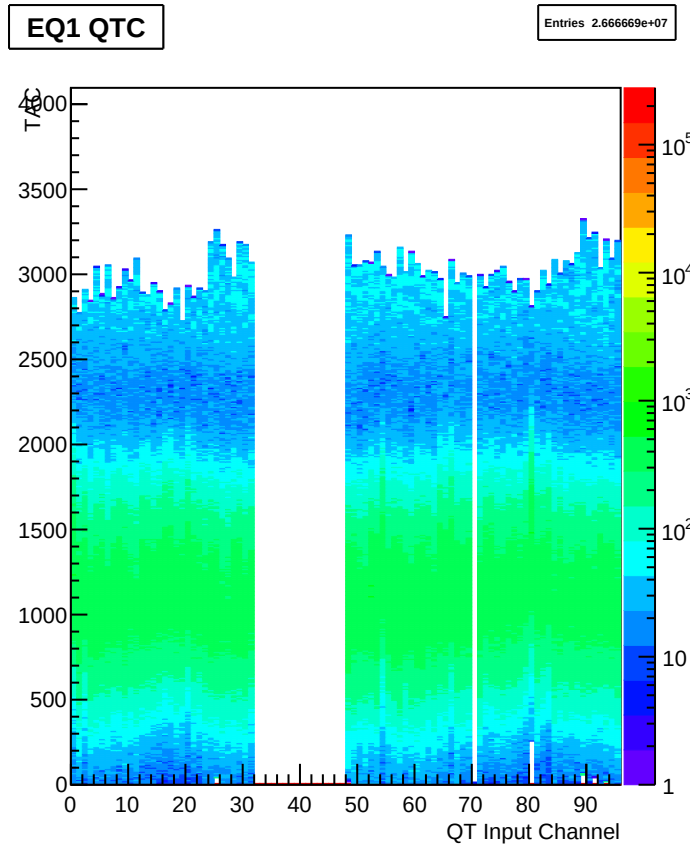

BBQ-VP002 West
Entries 4444448
ADC
QT Input Channel

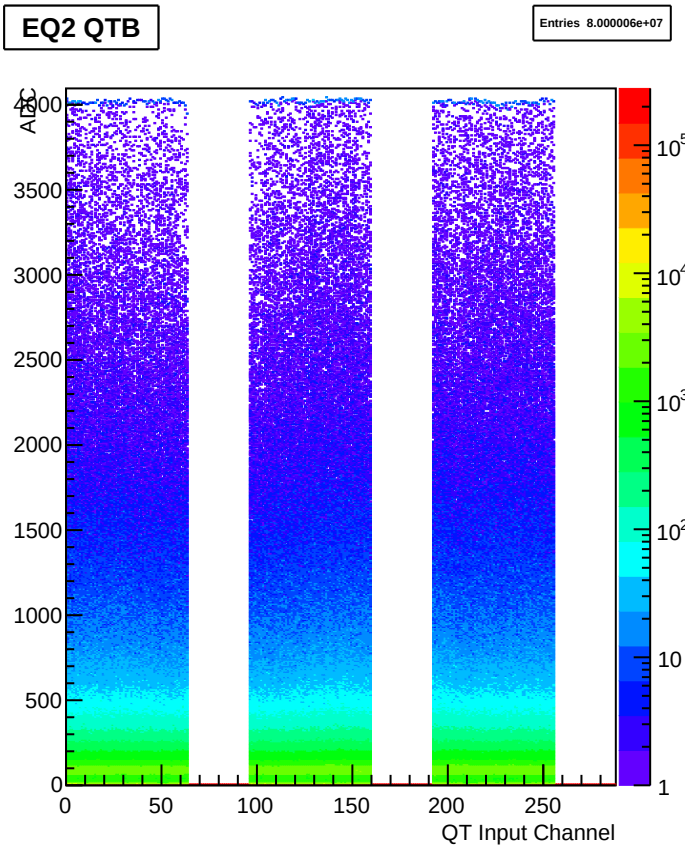

BBQ-VP002 West
Entries 4444448
TADC
QT Input Channel

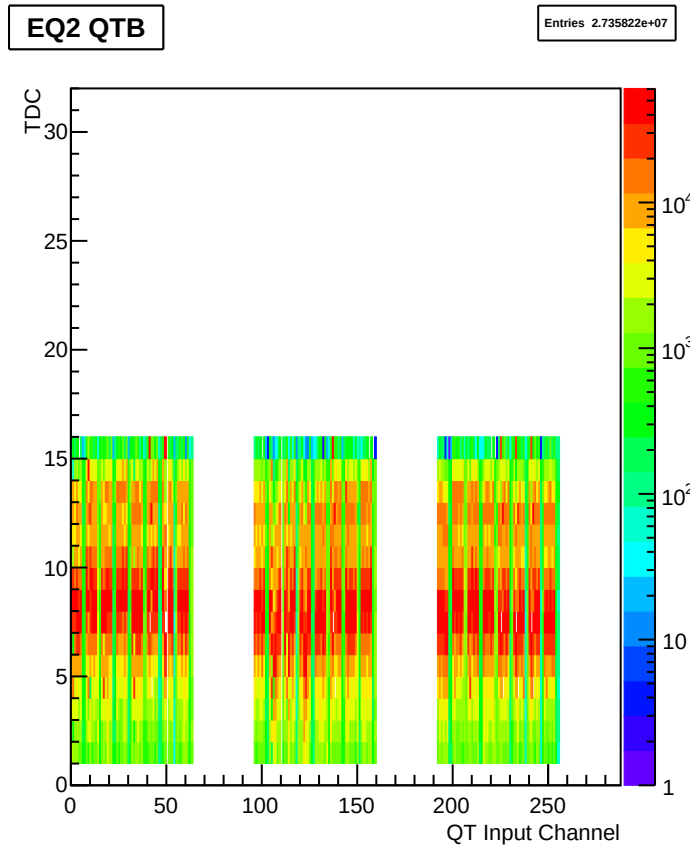

EQ1 QTB
Entries 8.000006e+07
ADC
QT Input Channel

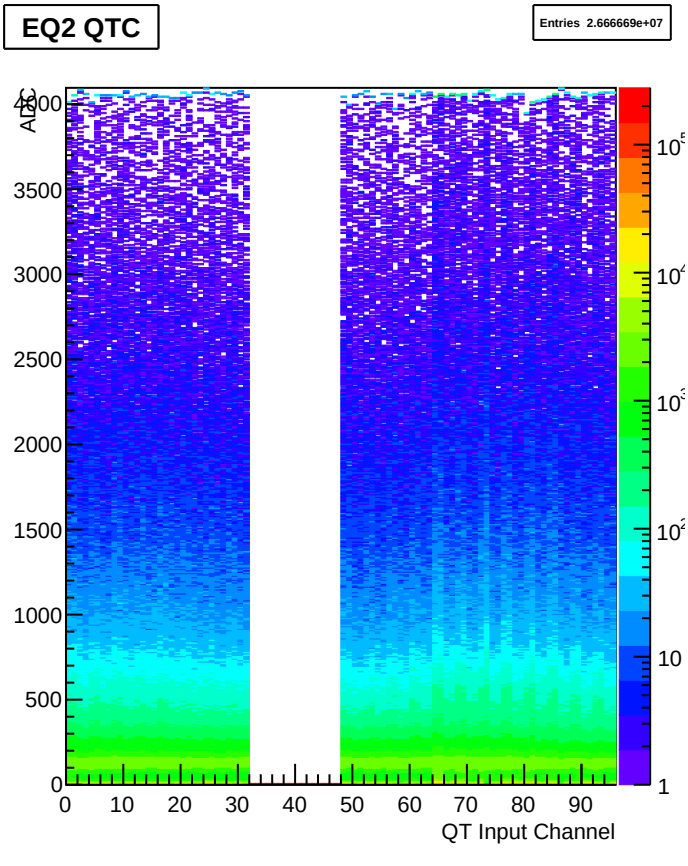

EQ1 QTB
Entries 2.701095e+07
TDC
QT Input Channel

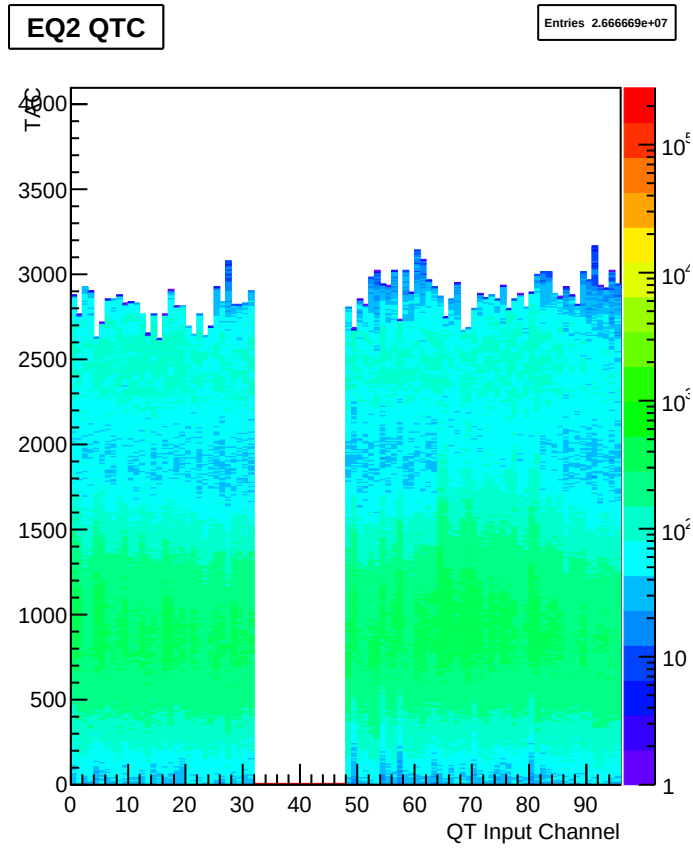

EQ1 QTC
Entries 2.666669e+07
ADC
QT Input Channel

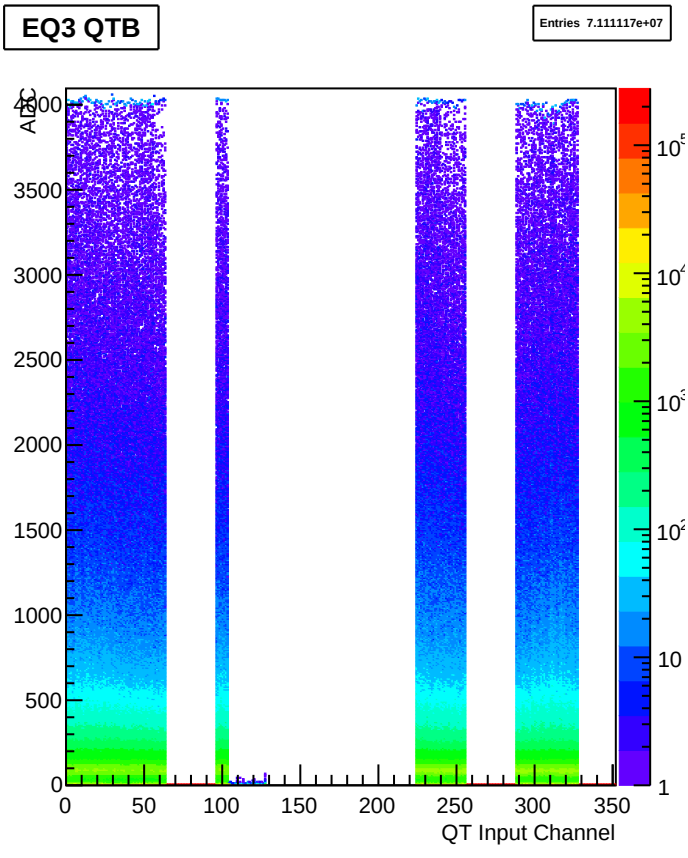

EQ1 QTC
Entries 2.666669e+07
TADC
QT Input Channel

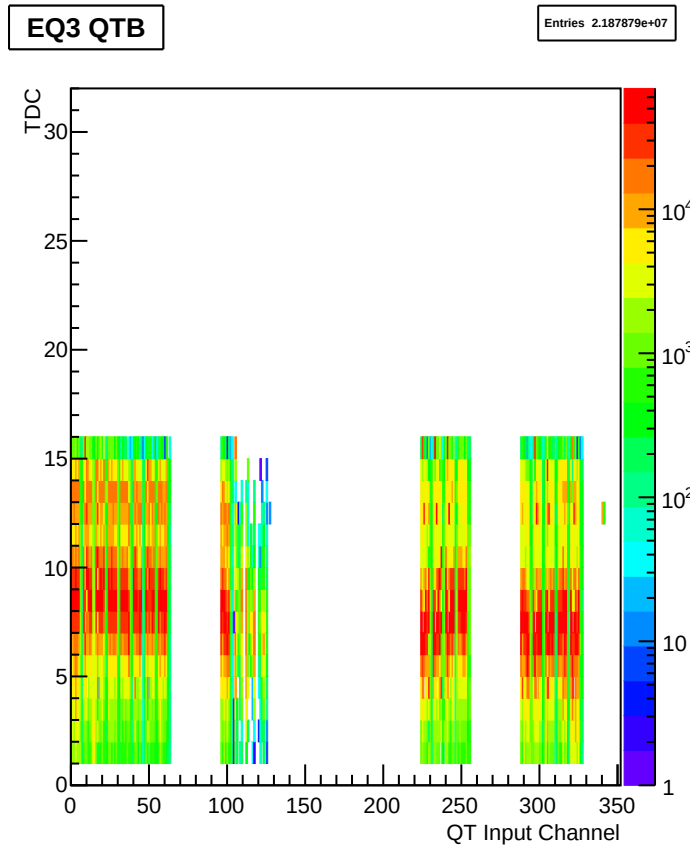

EQ2 QTB
Entries 8.000006e+07
ADC
QT Input Channel

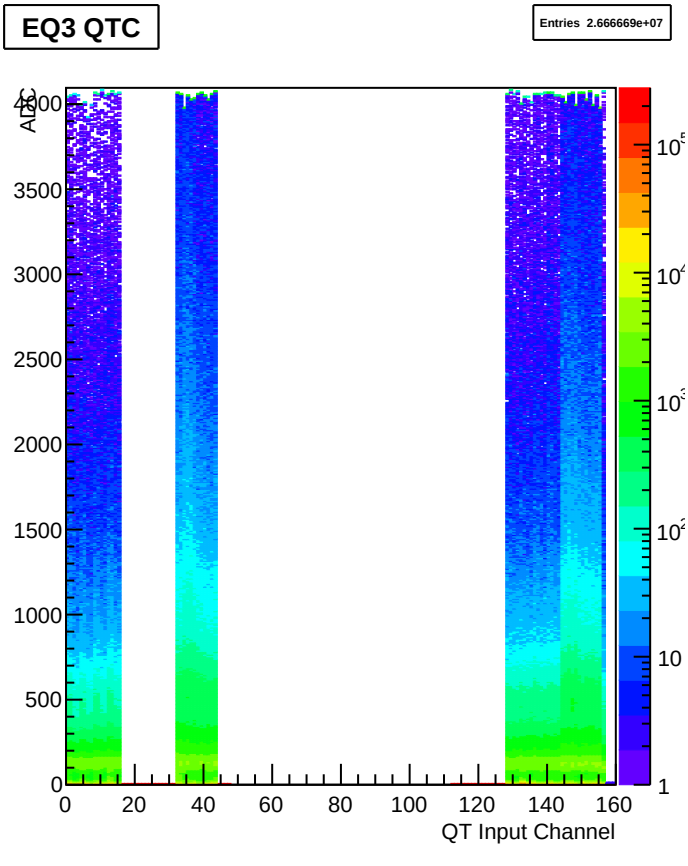

EQ2 QTB
Entries 2.735822e+07
TDC
QT Input Channel

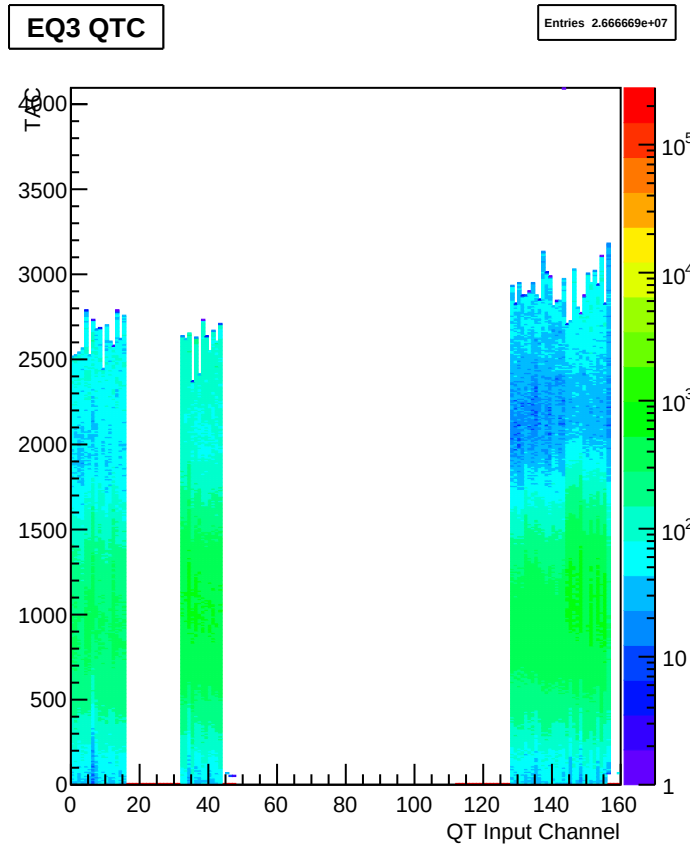

EQ2 QTC
Entries 2.666669e+07
ADC
QT Input Channel

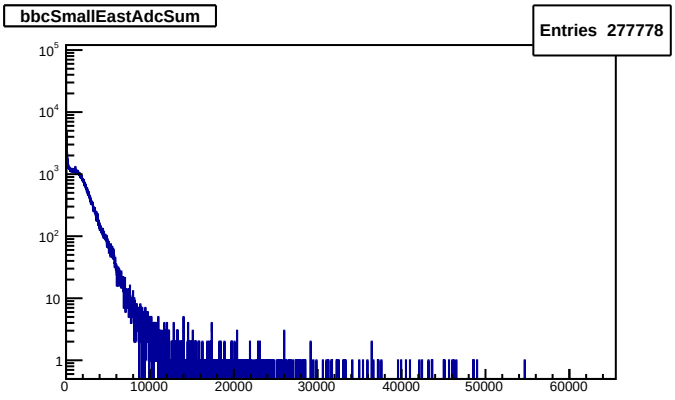

EQ2 QTC
Entries 2.666669e+07
TADC
QT Input Channel

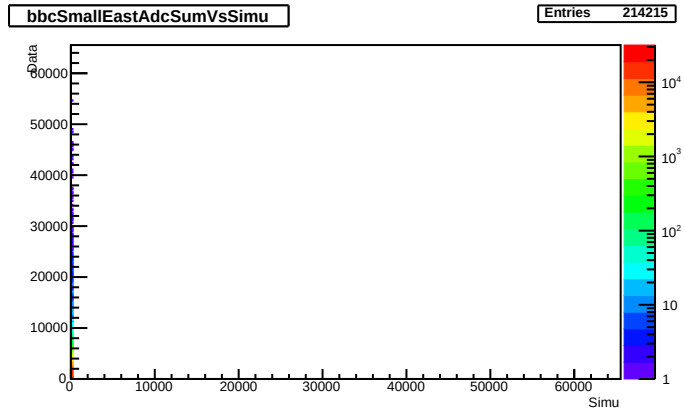

EQ3 QTB
Entries 7.111117e+07
ADC
QT Input Channel

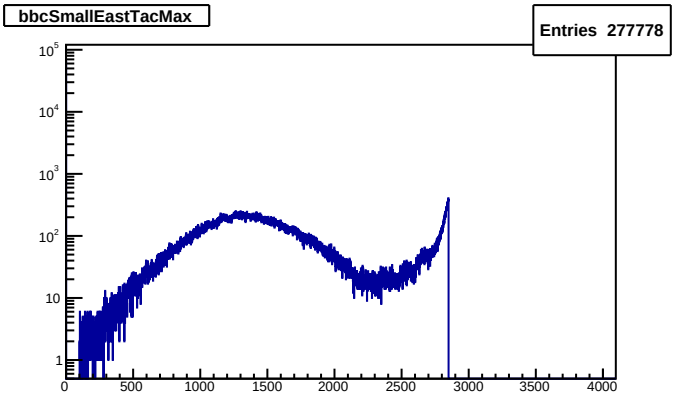

EQ3 QTB
Entries 2.187879e+07
TDC
QT Input Channel

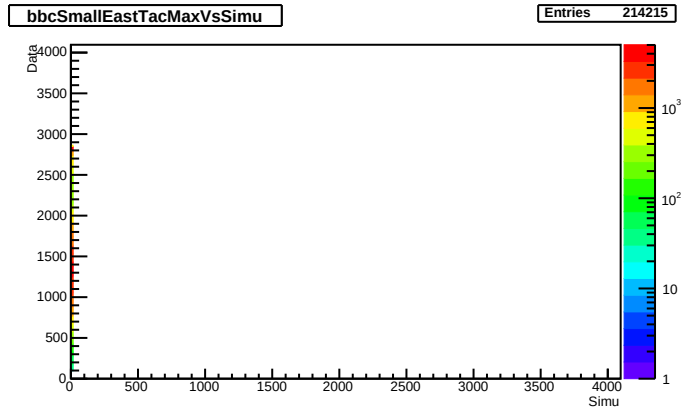

EQ3 QTC
Entries 2.666669e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.666669e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 277778


bbcSmallEastAdcSumVsSimu
Entries 214215
Data
Simu


bbcSmallEastTacMax
Entries 277778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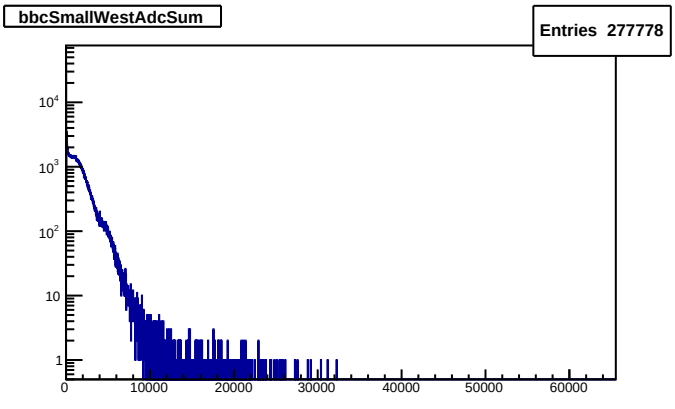
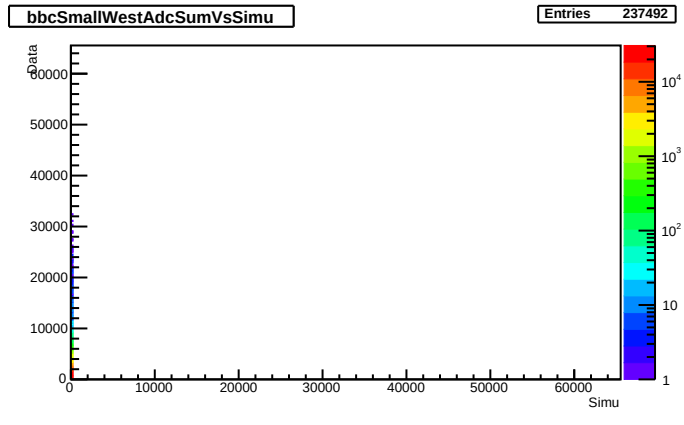
Entries 214215
Data
Simu


bbcSmallWestAdcSum
Entries 277778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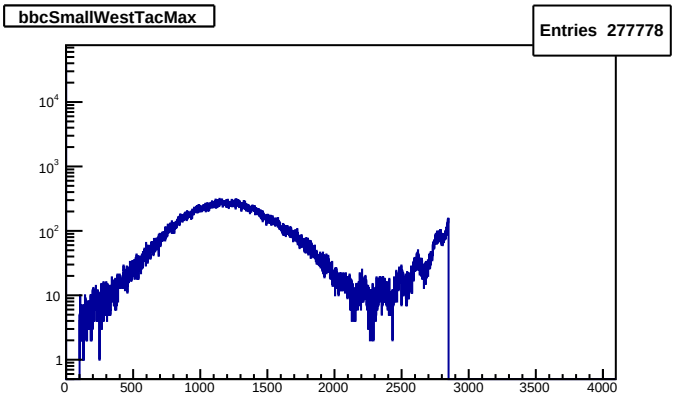
Entries 237492
Data
Simu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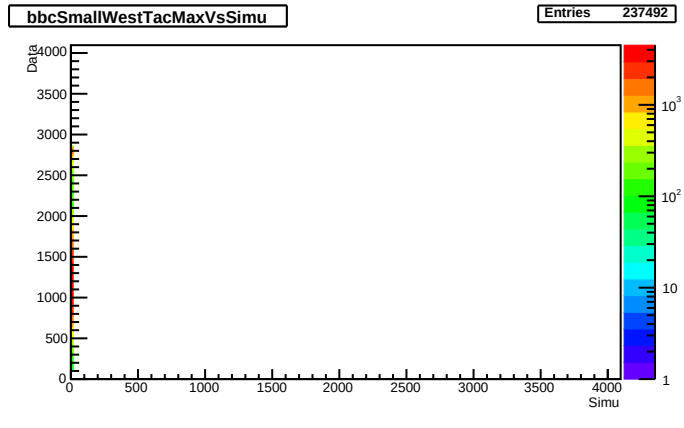
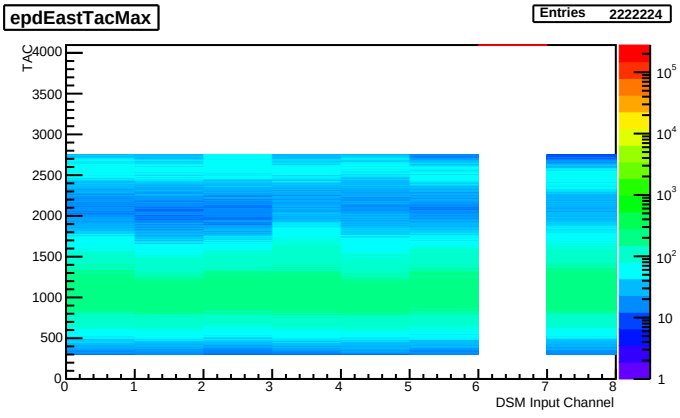
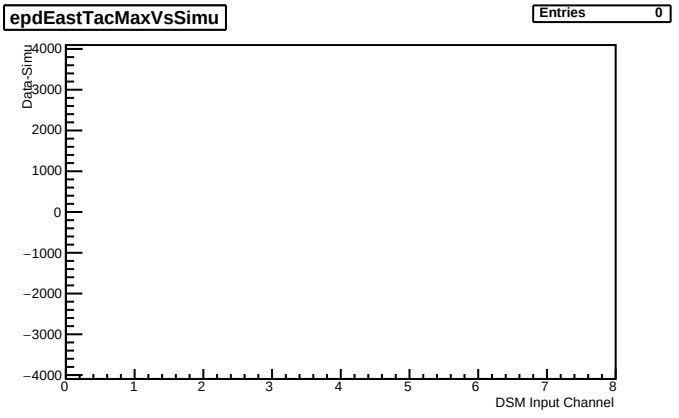
Entries 277778


bbcSmallWestTacMaxVsSimu
Entries 237492
Data
Simu


epdEastTacMax
Entries 2222224
TAC
DSM Input Channel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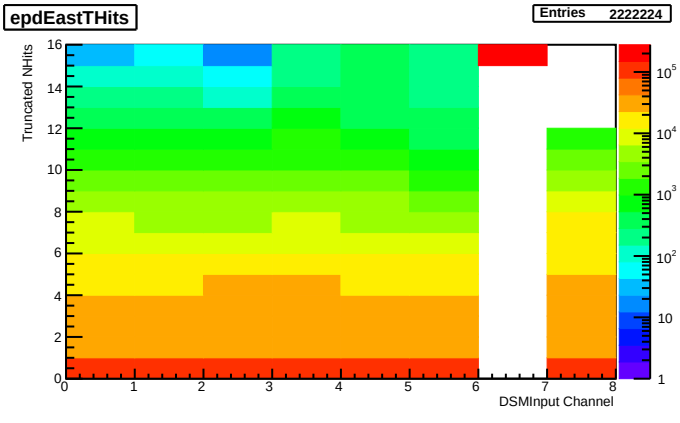
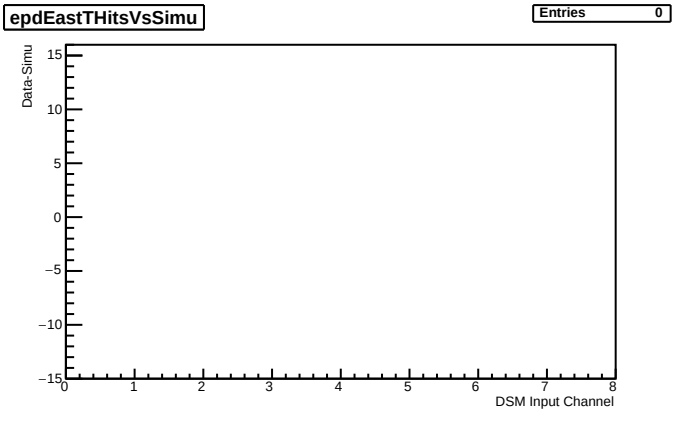
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2222224
Truncated NHits
DSMInput Channel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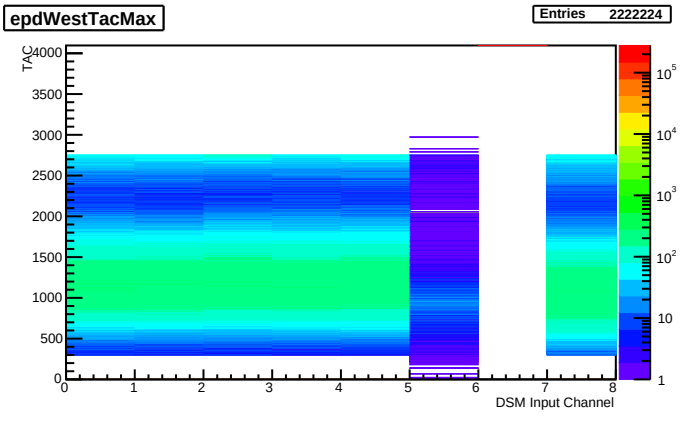
Data-Simu
DSM Input Channel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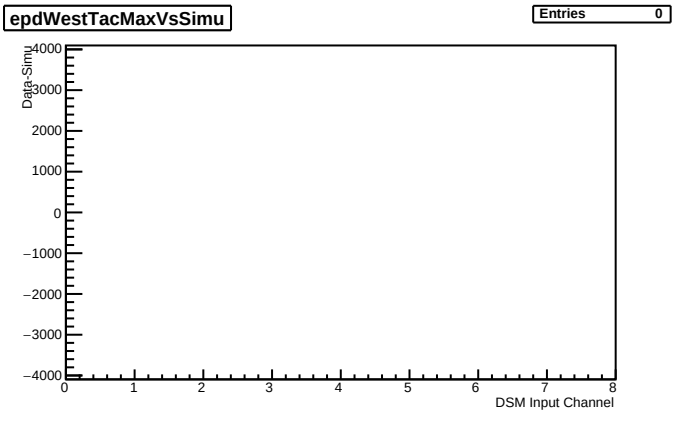
Entries 2222224
TAC
DSM Input Channel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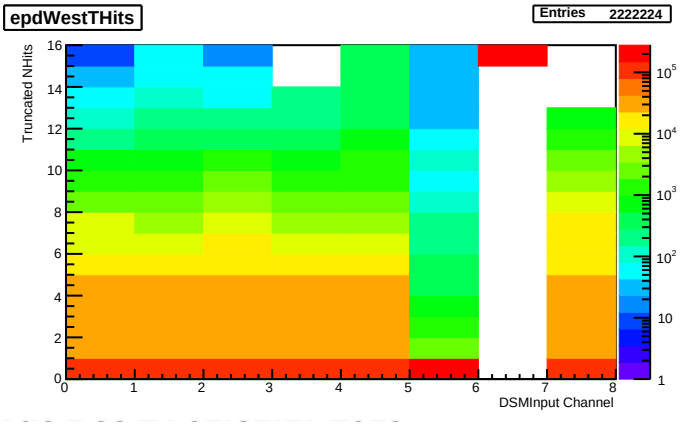
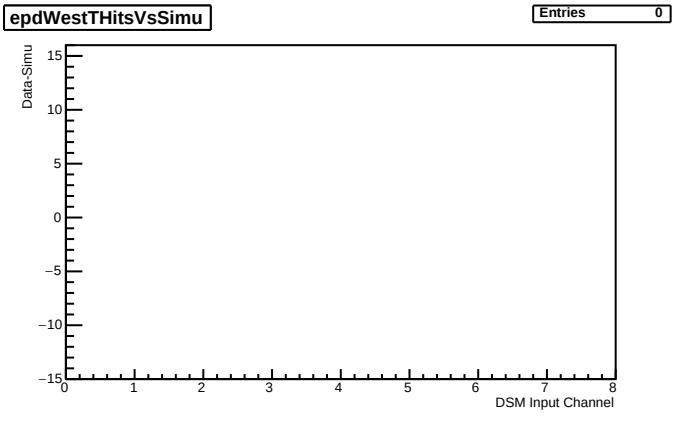
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2222224
Truncated NHits
DSMInput Channel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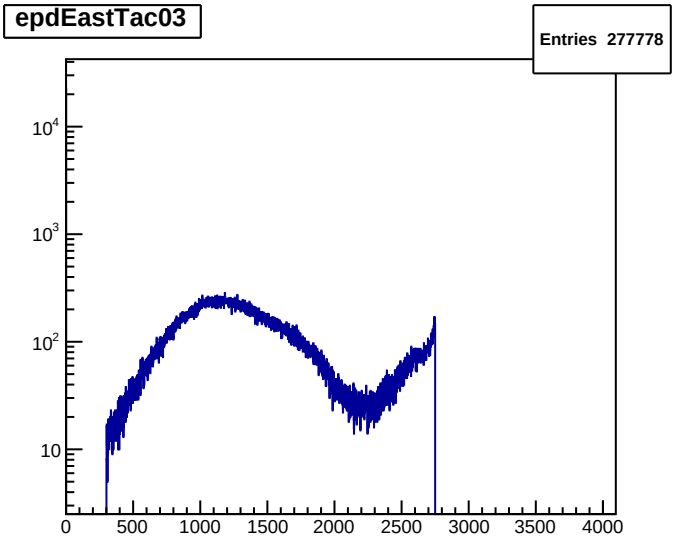
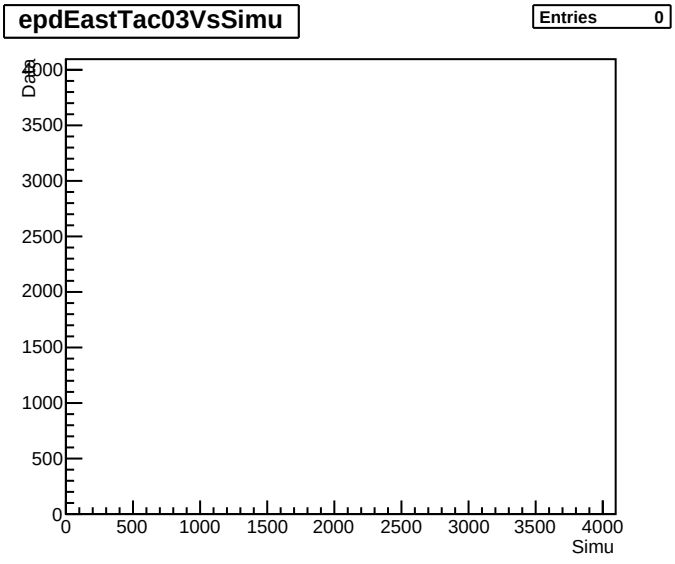
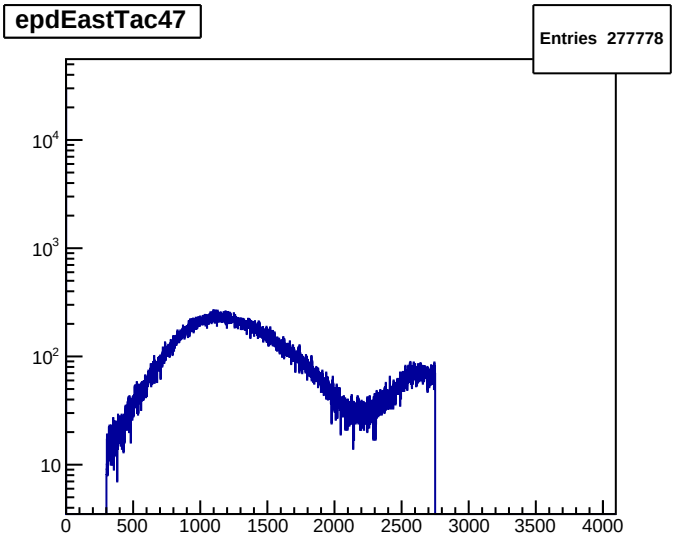
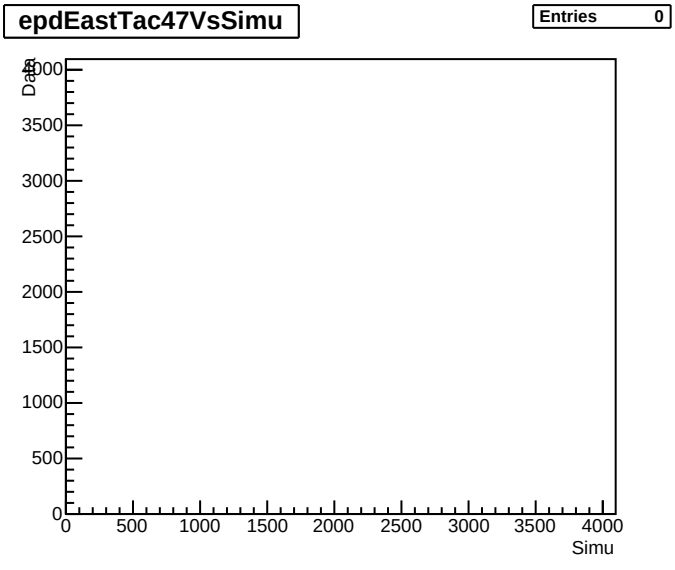
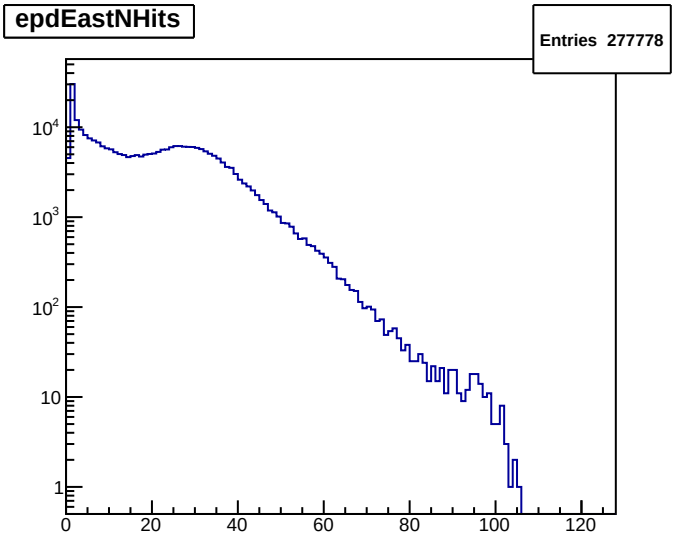
Entries 0
Data-Simu
DSM Input Channel

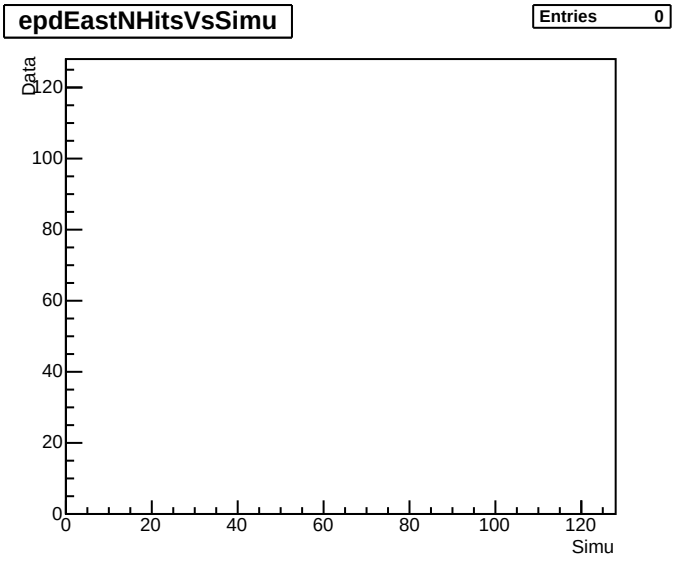

epdEastTac03
Entries 277778


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 277778


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 277778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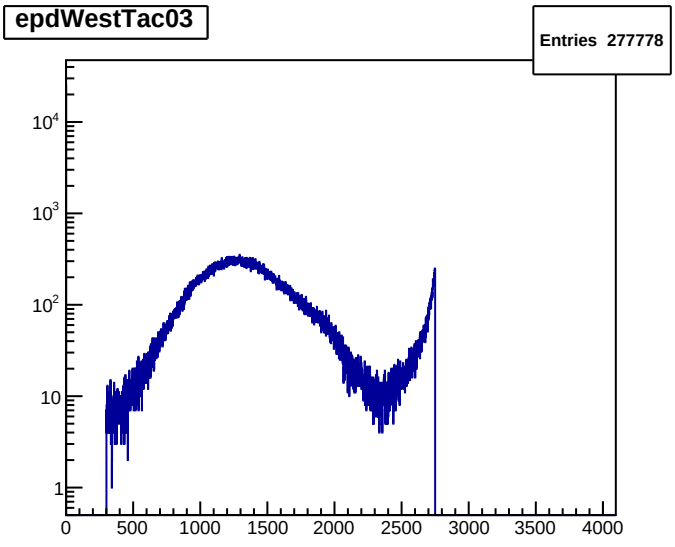
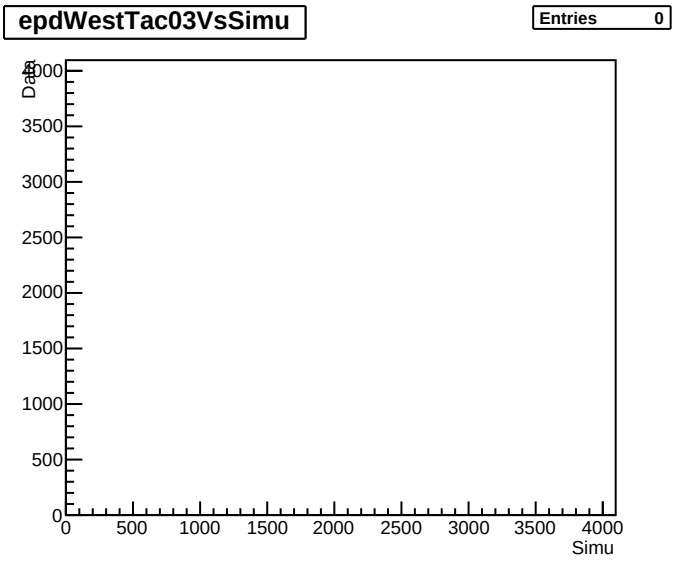
Entries 0
Data
Simu


epdWestTac03
Entries 277778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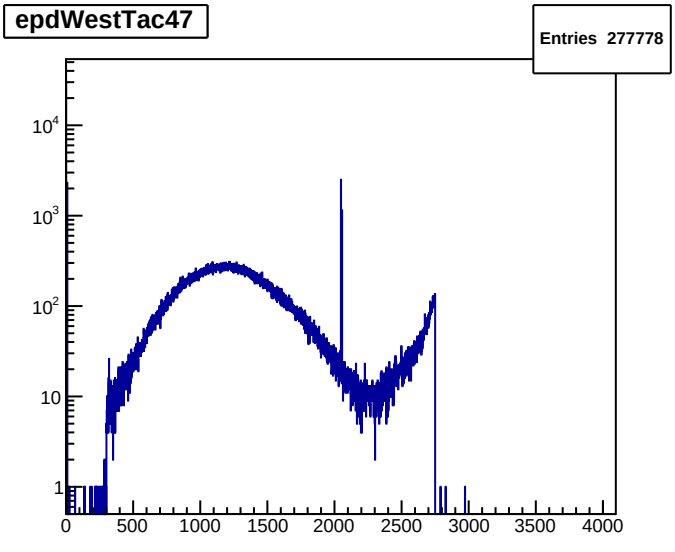
Entries 0
Data
Simu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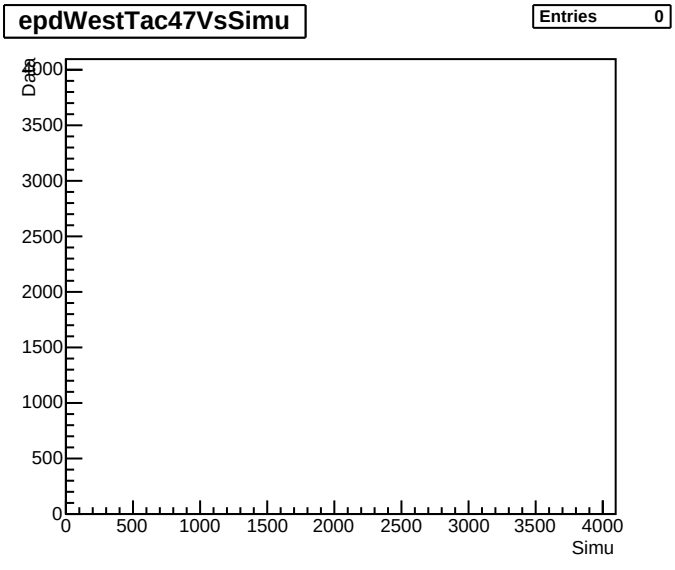
Entries 277778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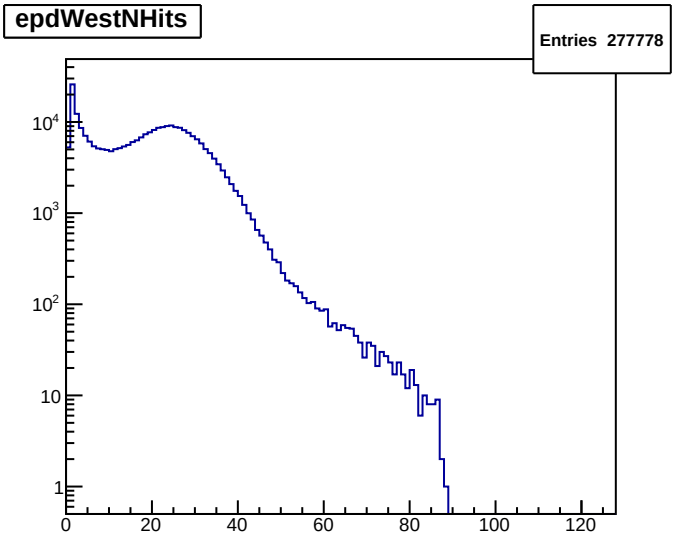
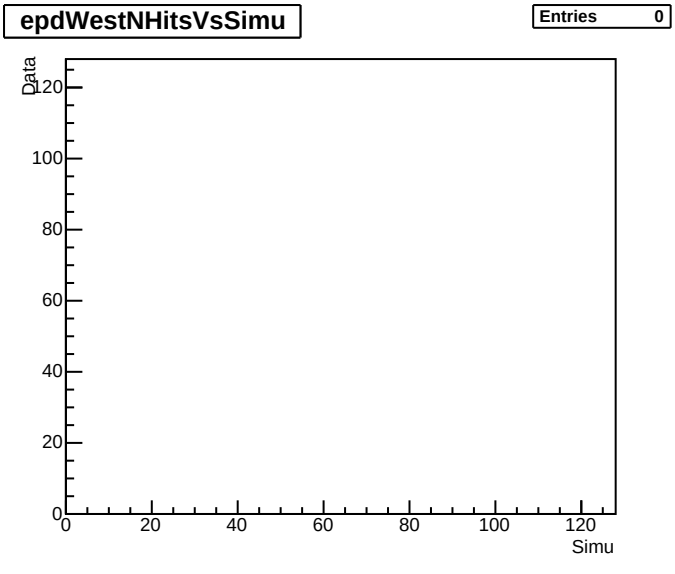
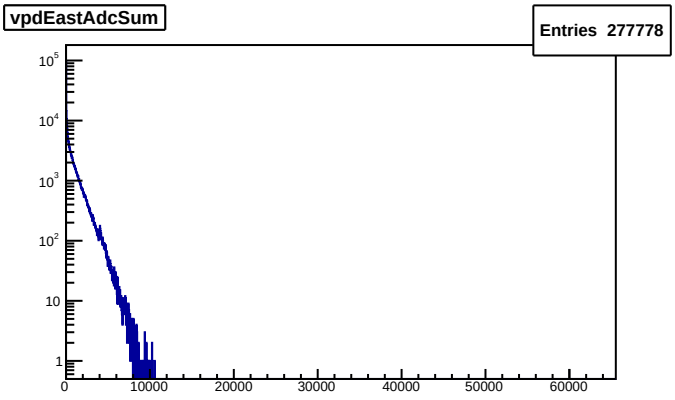
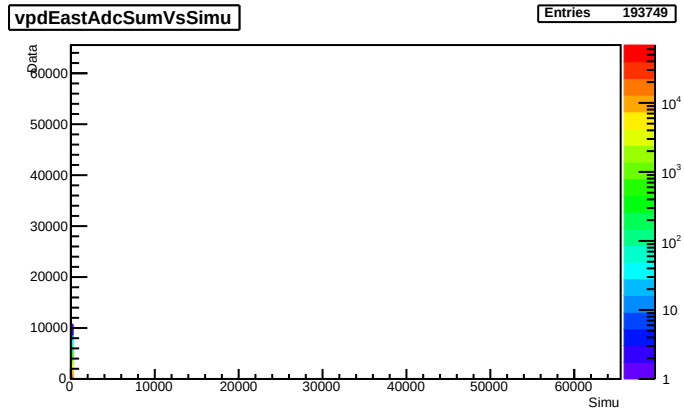
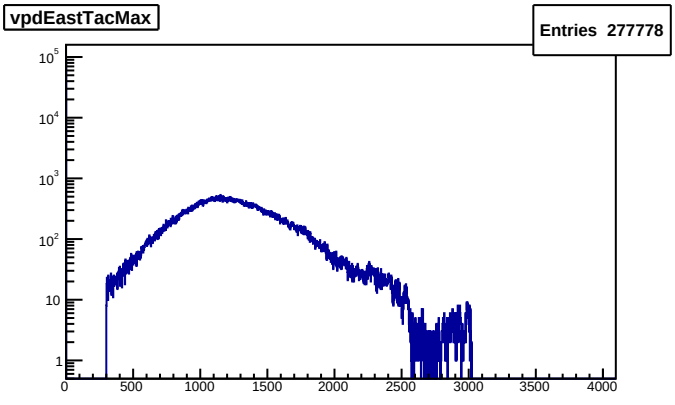
Entries 0
Data
Simu

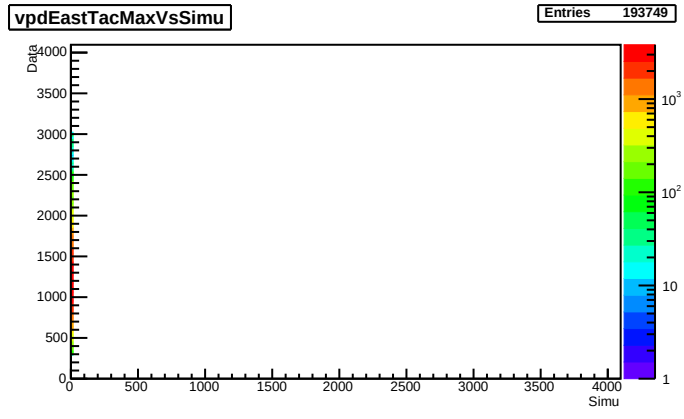

epdWestNHits
Entries 277778

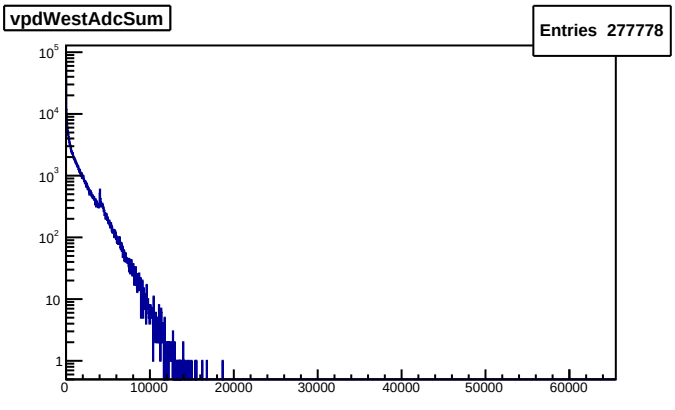

epdWestNHitsVsSimu
Entries 0
Data
Simu

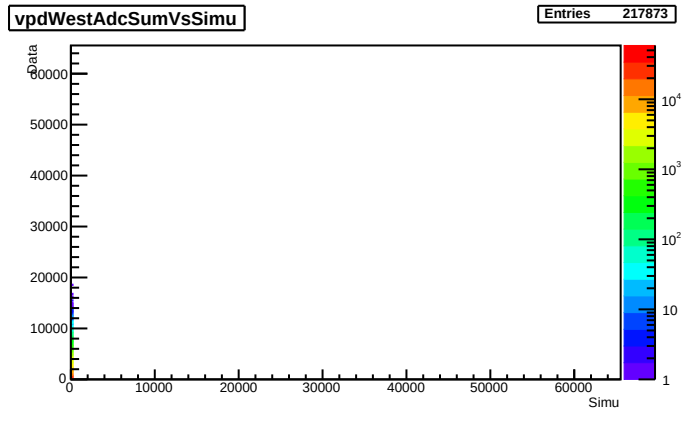

vpdEastAdcSum
Entries 277778

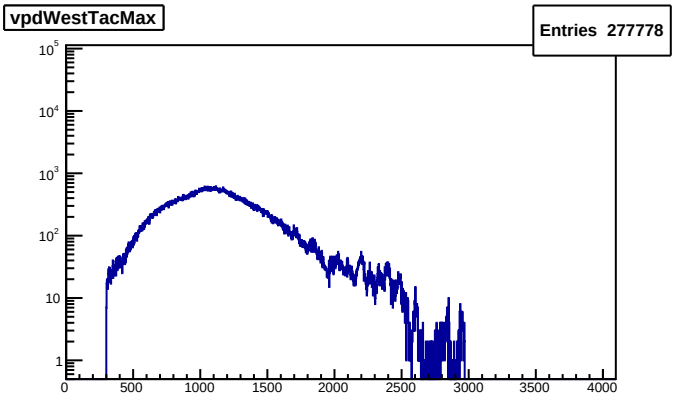

vpdEastAdcSumVsSimu
Entries 193749
Data
Simu

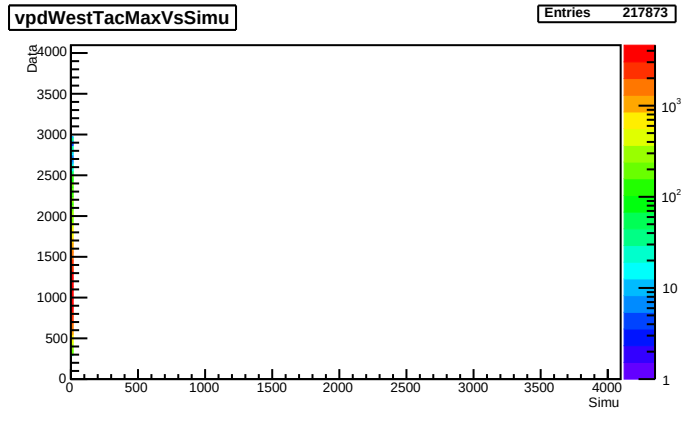

vpdEastTacMax
Entries 277778

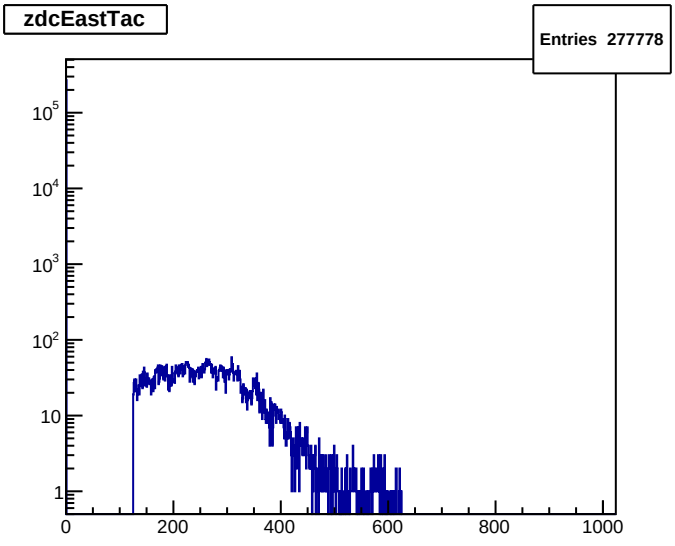

vpdEastTacMaxVsSimu
Entries 193749
Data
Simu

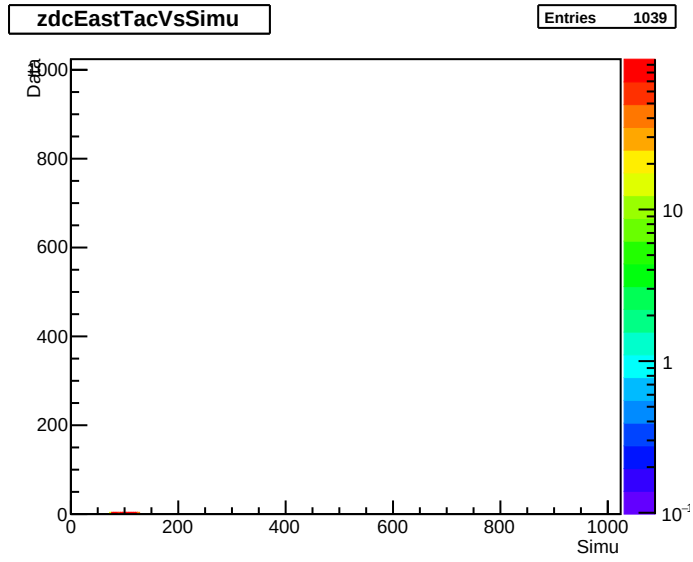

vpdWestAdcSum
Entries 277778

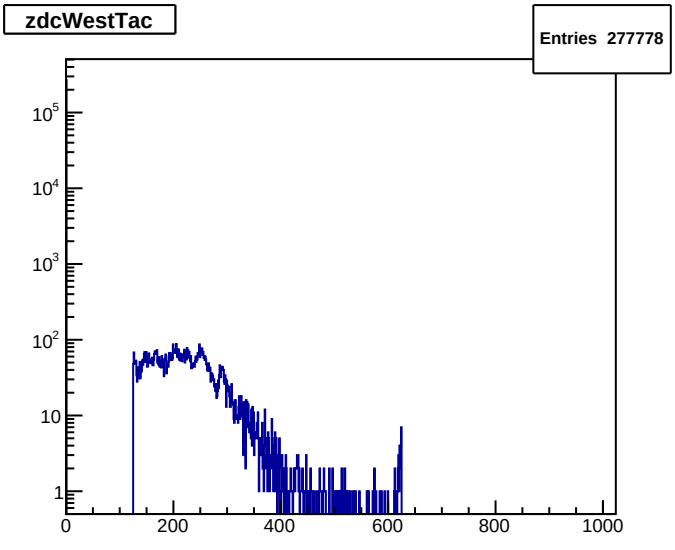

vpdWestAdcSumVsSimu
Entries 217873
Data
Simu

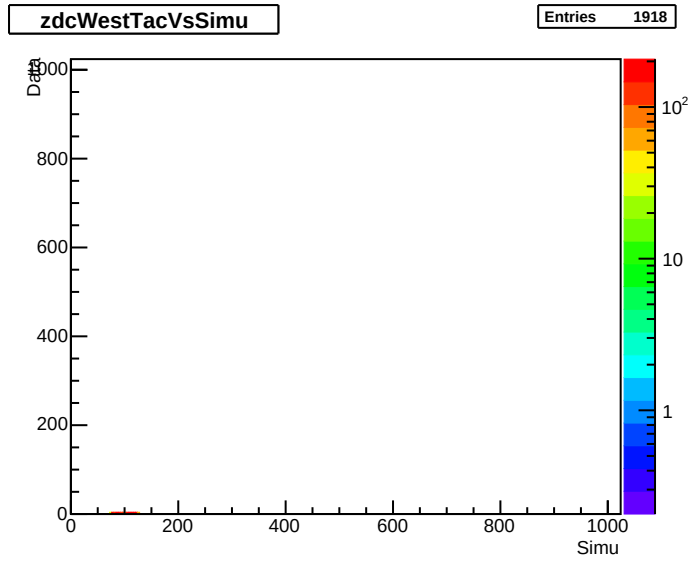

vpdWestTacMax
Entries 277778

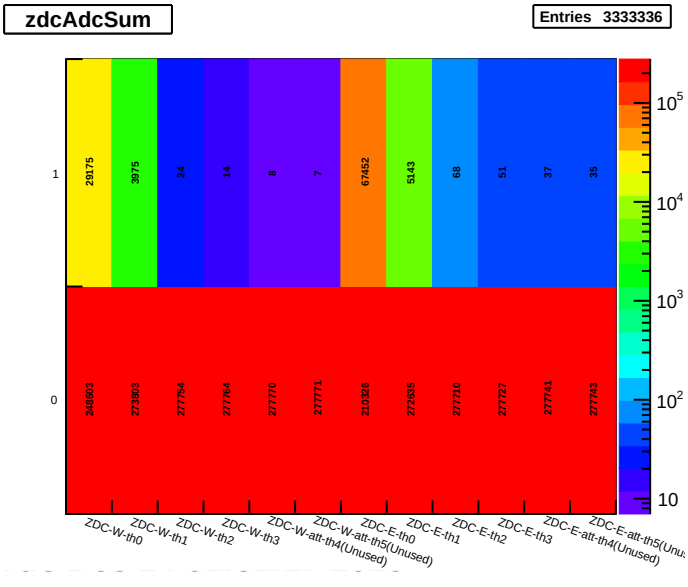

vpdWestTacMaxVsSimu
Entries 217873
Data
Simu

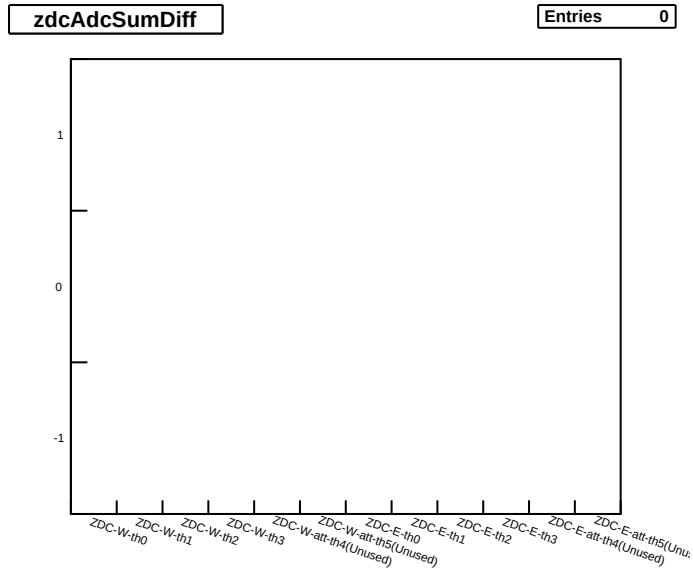

zdcEastTac
Entries 277778

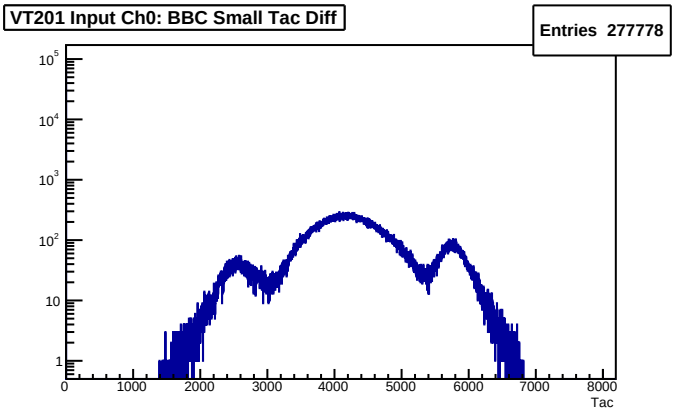

zdcEastTacVsSimu
Entries 1039
Data
Simu

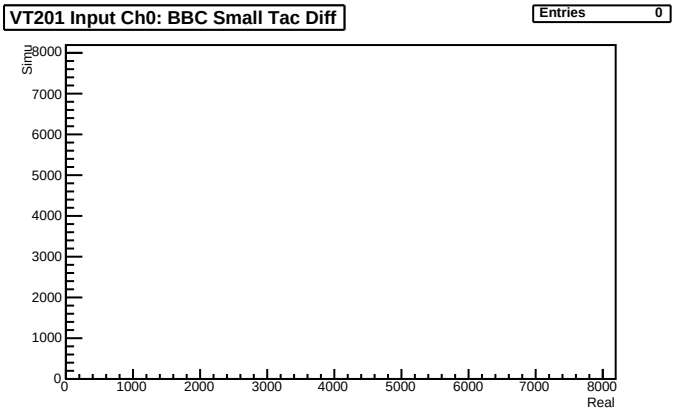

zdcWestTac
Entries 277778

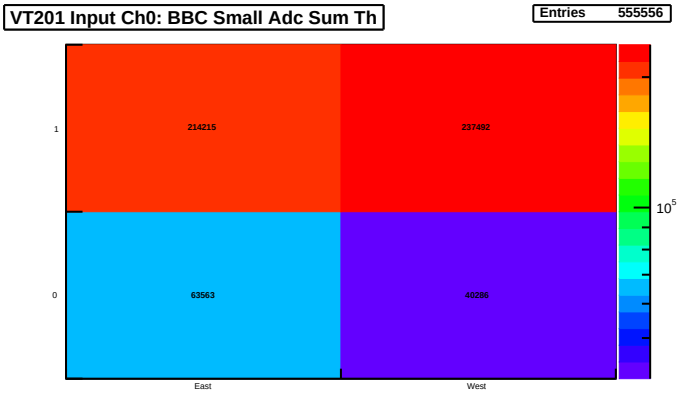

zdcWestTacVsSimu
Entries 1918
Data
Simu

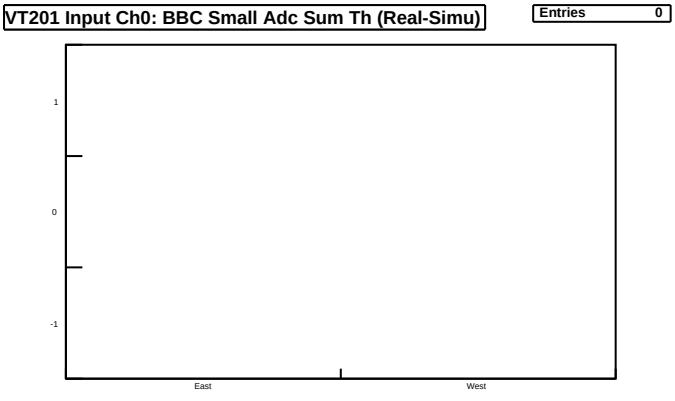

zdcAdcSum
Entries 3333336
29175
3975
24
14
8
7
67452
5143
68
51
37
35
248603
273803
277754
277764
277770
277771
210326
272635
277710
277727
277741
277743
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

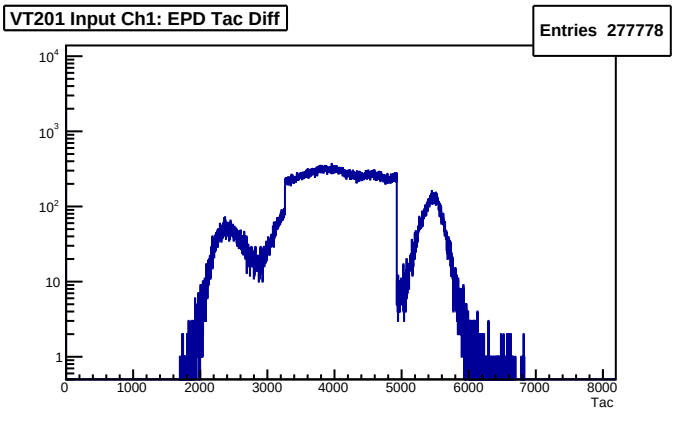

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

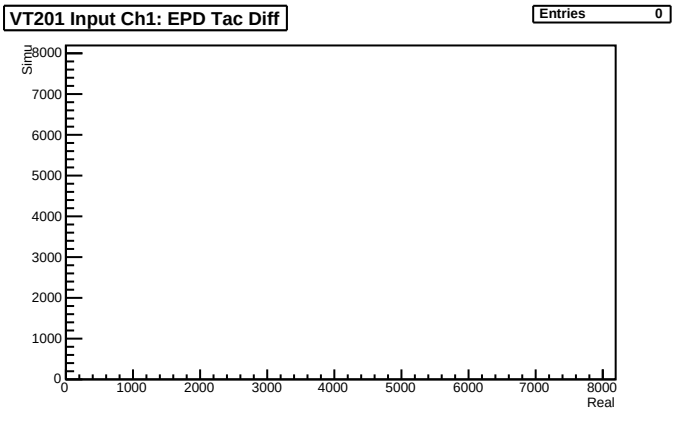

VT201 Input Ch0: BBC Small Tac Diff
Entries 277778
Tac

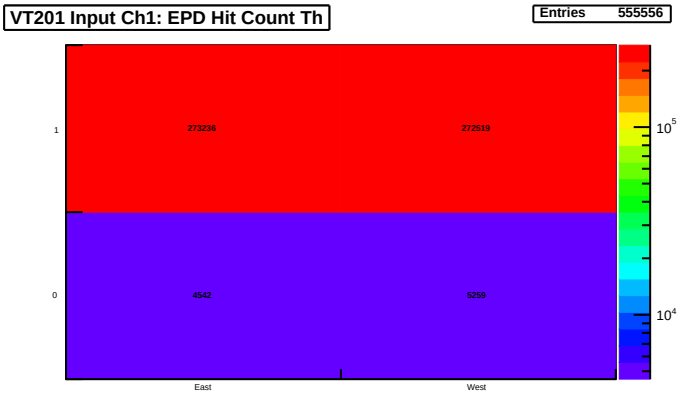

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

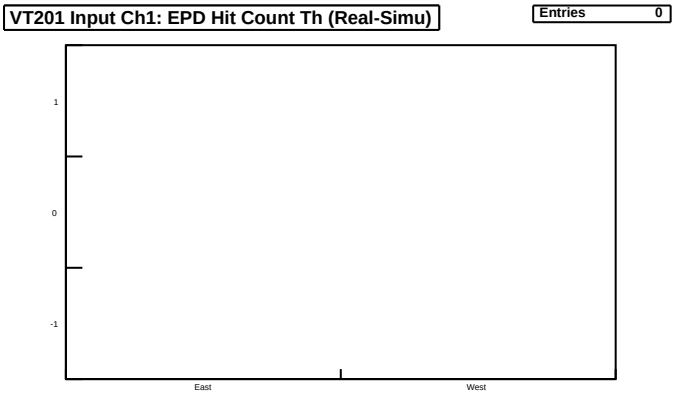

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 555556
214215
237492
63563
40286
East
West

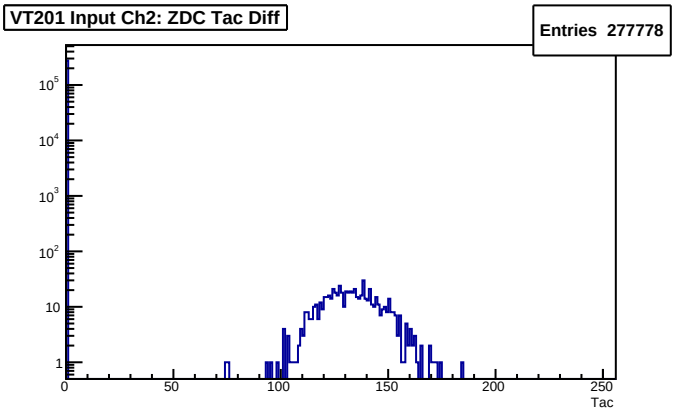

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

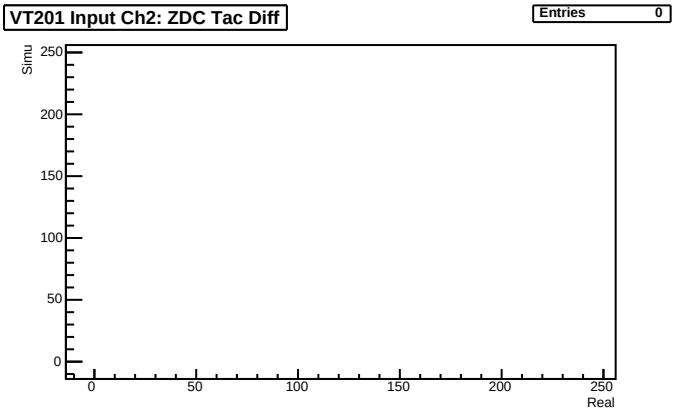

VT201 Input Ch1: EPD Tac Diff
Entries 277778
Tac

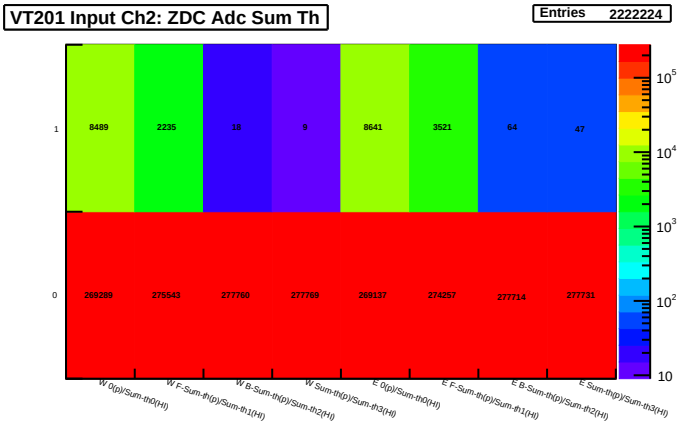

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

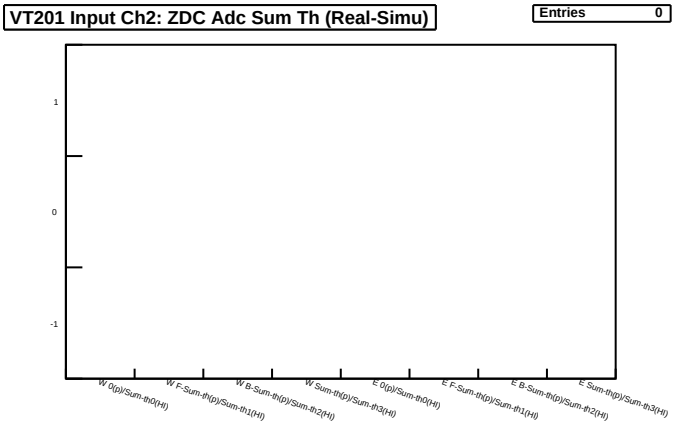

VT201 Input Ch1: EPD Hit Count Th
Entries 555556
273236
272519
4542
5259
East
West

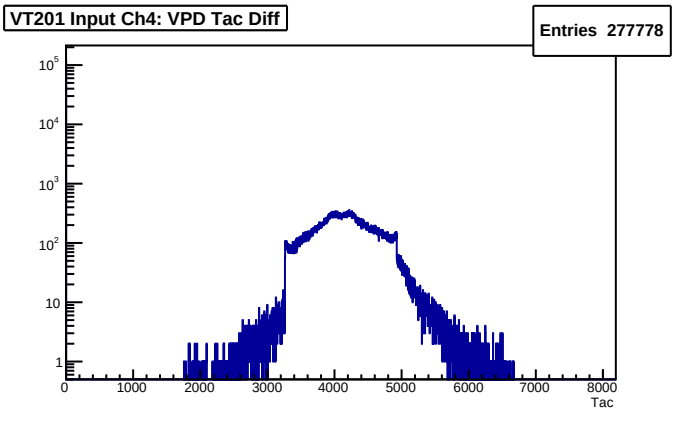

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

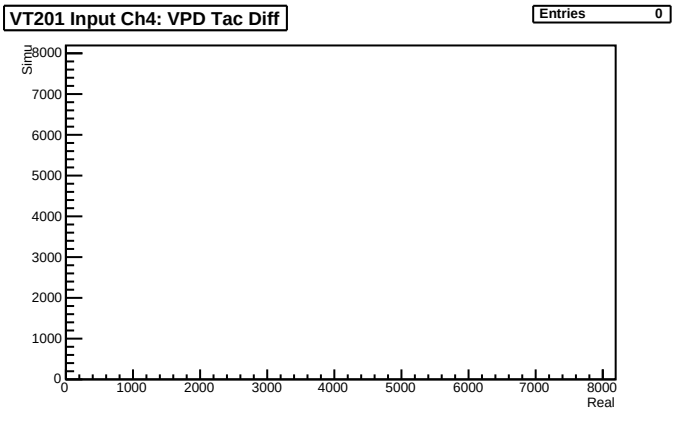

VT201 Input Ch2: ZDC Tac Diff
Entries 277778
Tac

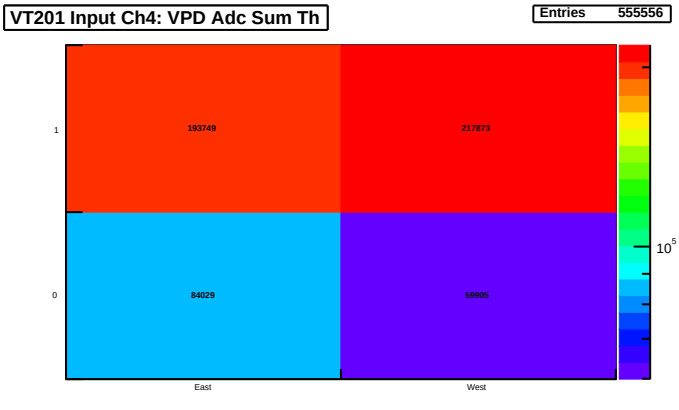

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

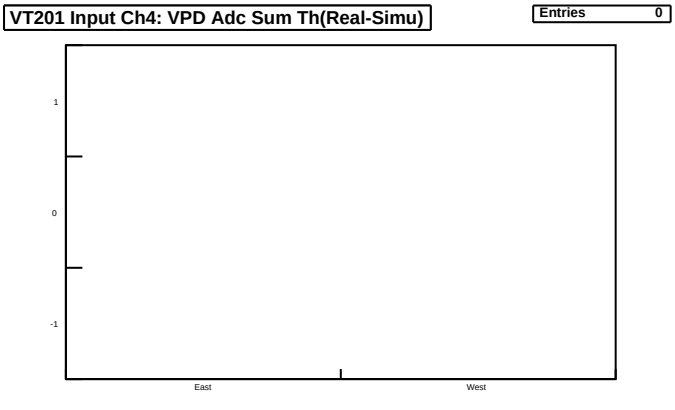

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2222224
8489
2235
18
9
8641
3521
64
47
269289
275543
277760
277769
269137
274257
277714
277731
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

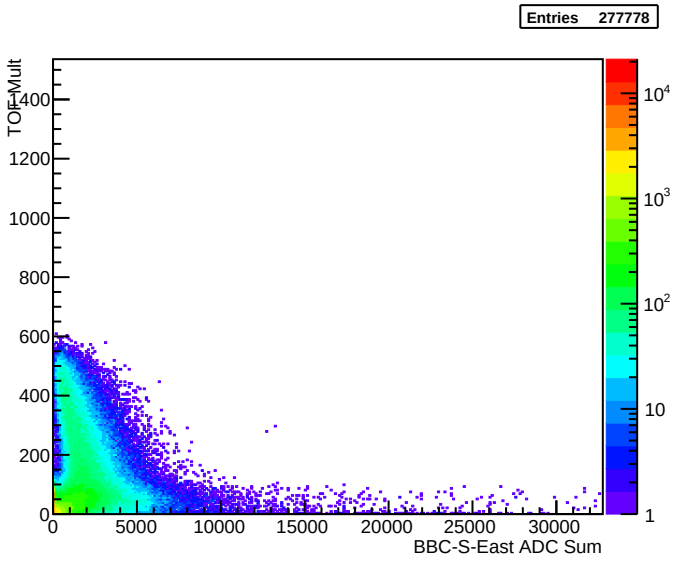

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

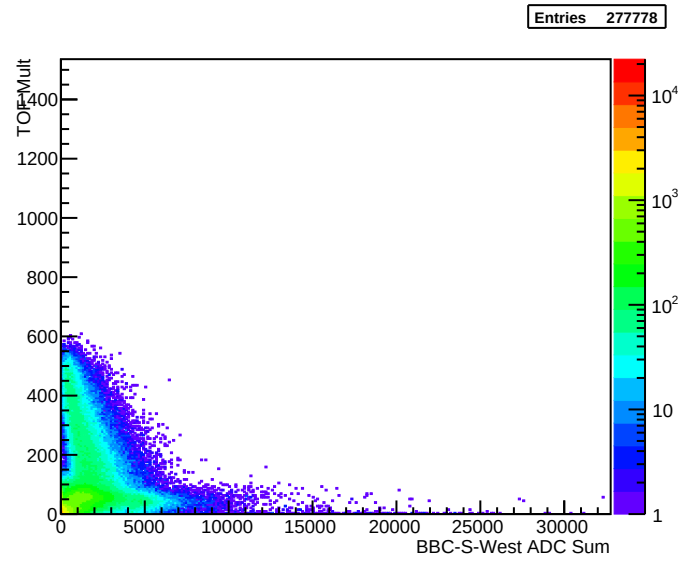

VT201 Input Ch4: VPD Tac Diff
Entries 277778
Tac

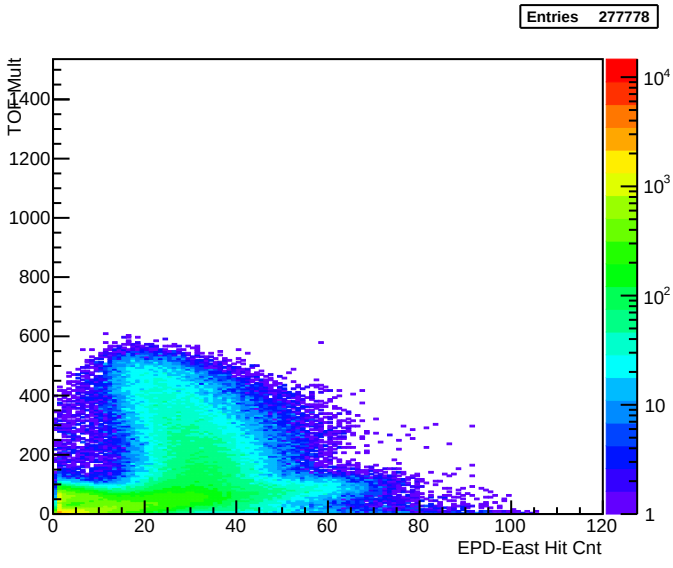

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

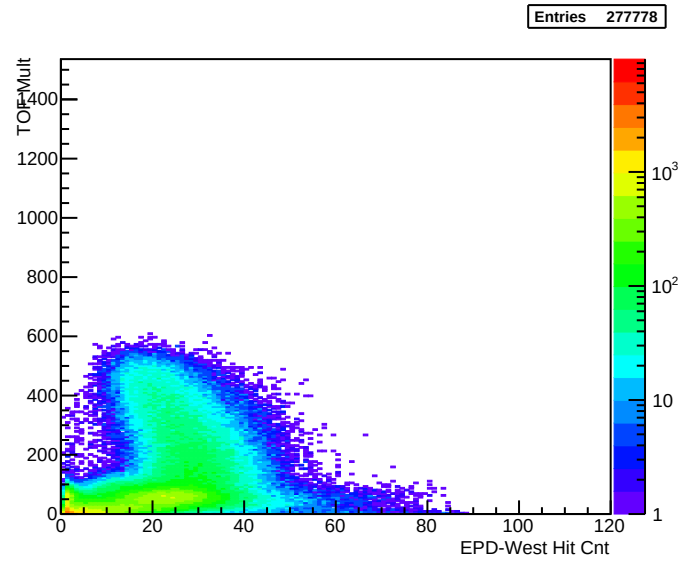

VT201 Input Ch4: VPD Adc Sum Th
Entries 555556
193749
217873
84029
59905
East
West

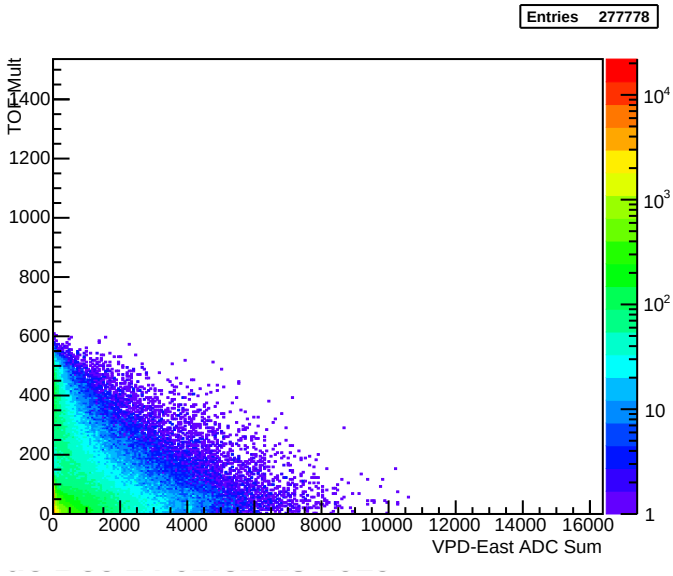

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

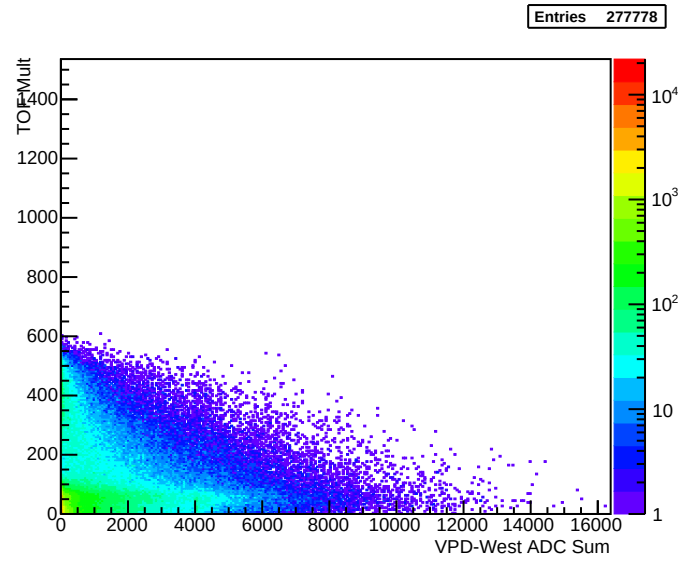

Entries 277778
TOF-Mult
BBC-S-East ADC Sum

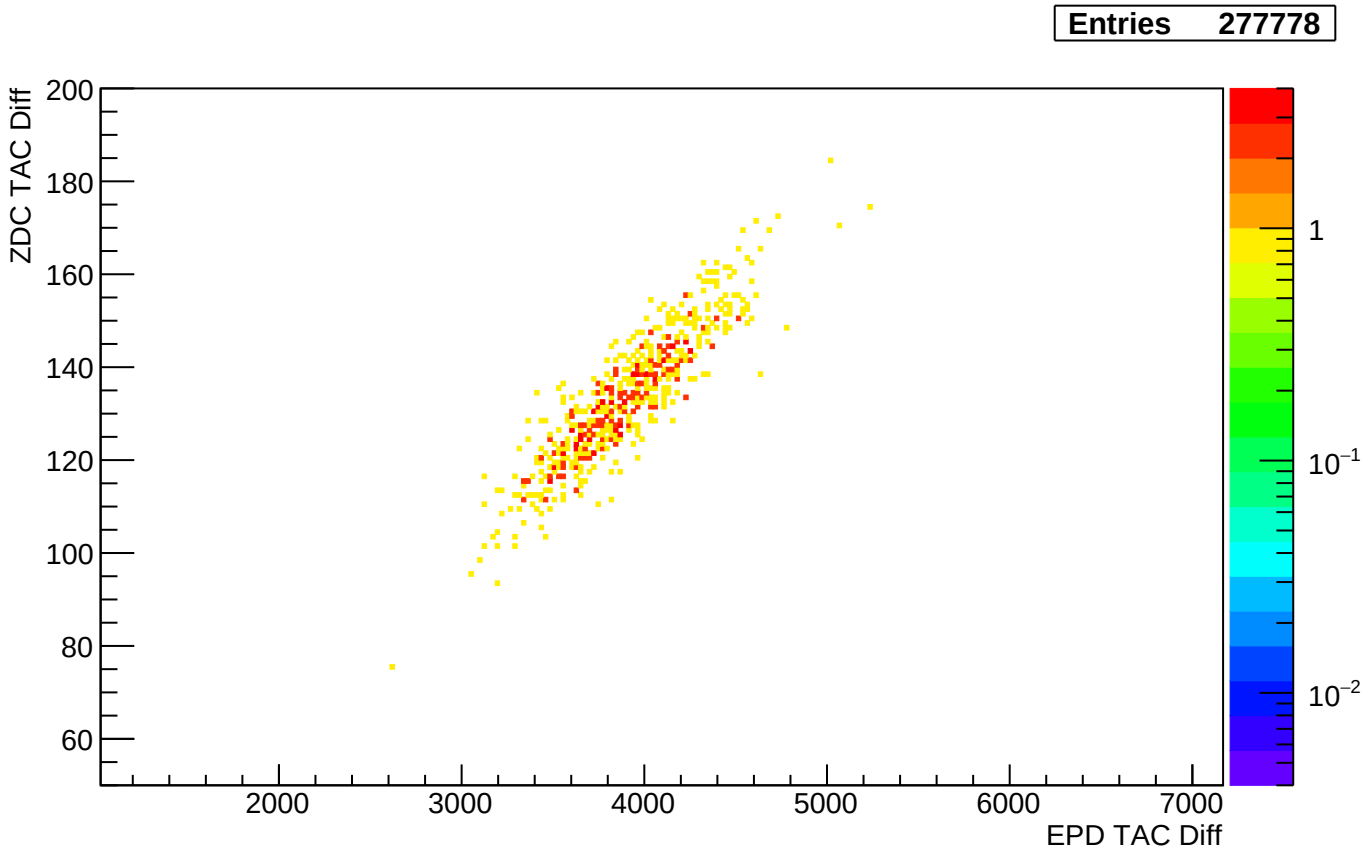

Entries 277778
TOF-Mult
BBC-S-West ADC Sum

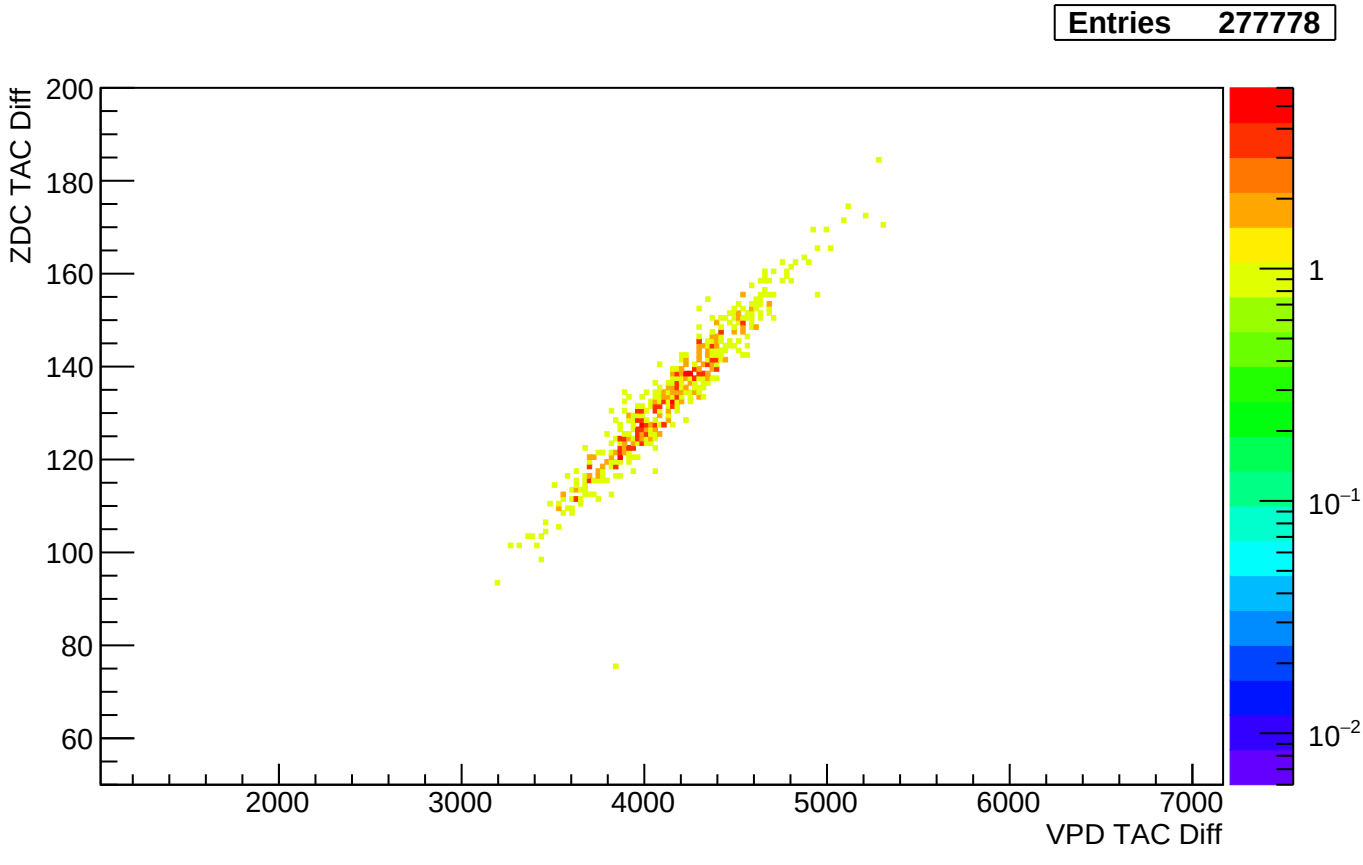

Entries 277778
TOF-Mult
EPD-East Hit Cnt

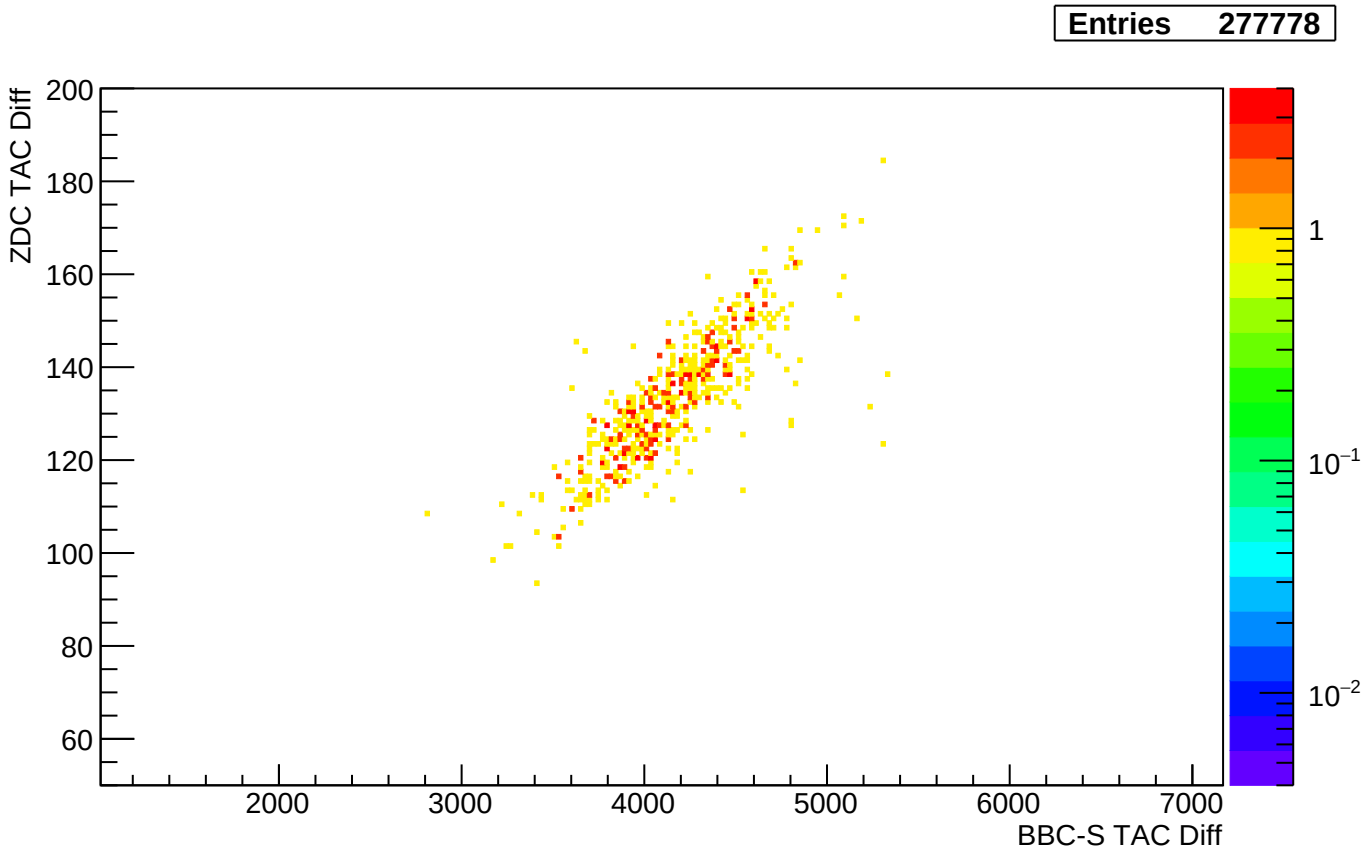

Entries 277778
TOF-Mult
EPD-West Hit Cnt

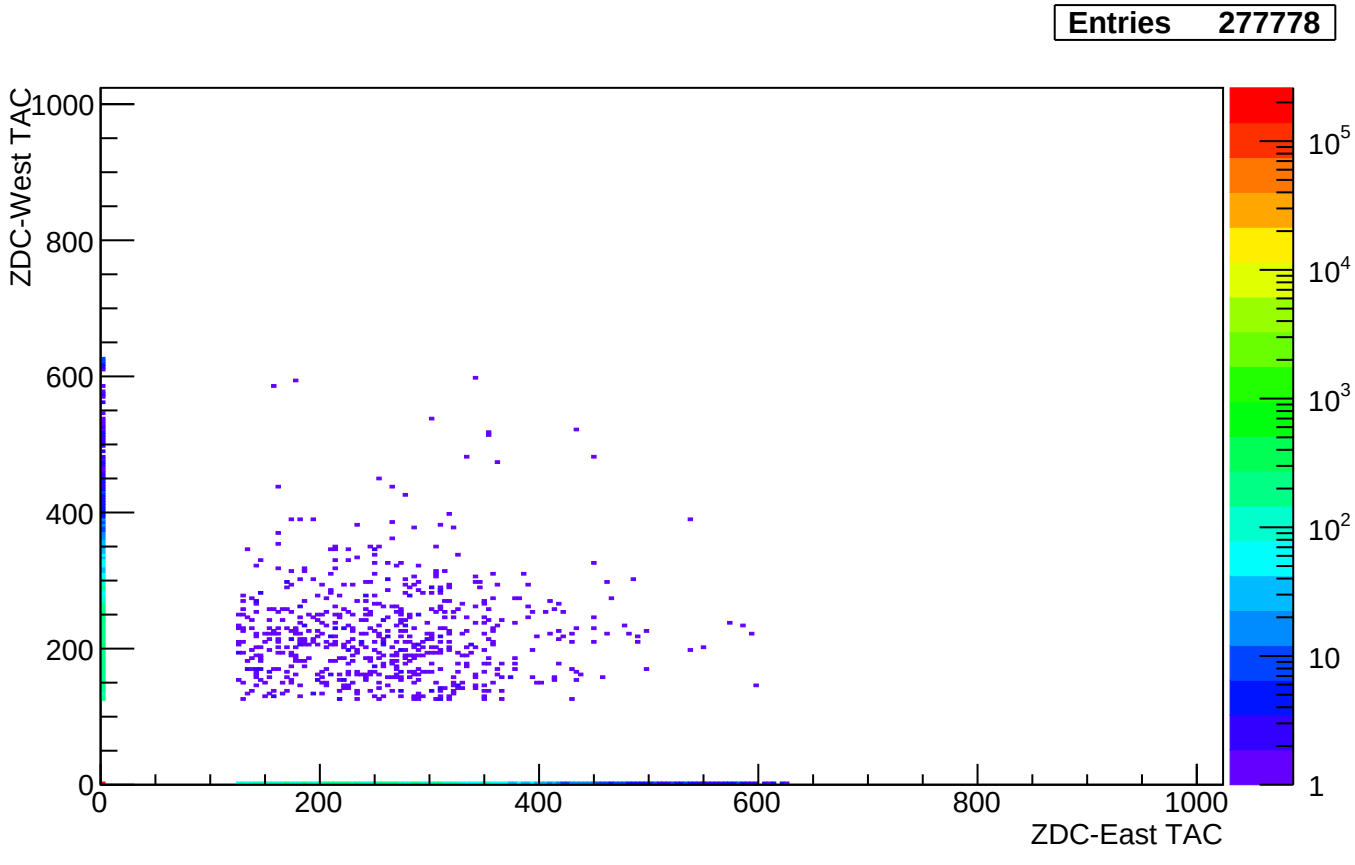

Entries 277778
TOF-Mult
VPD-East ADC Sum

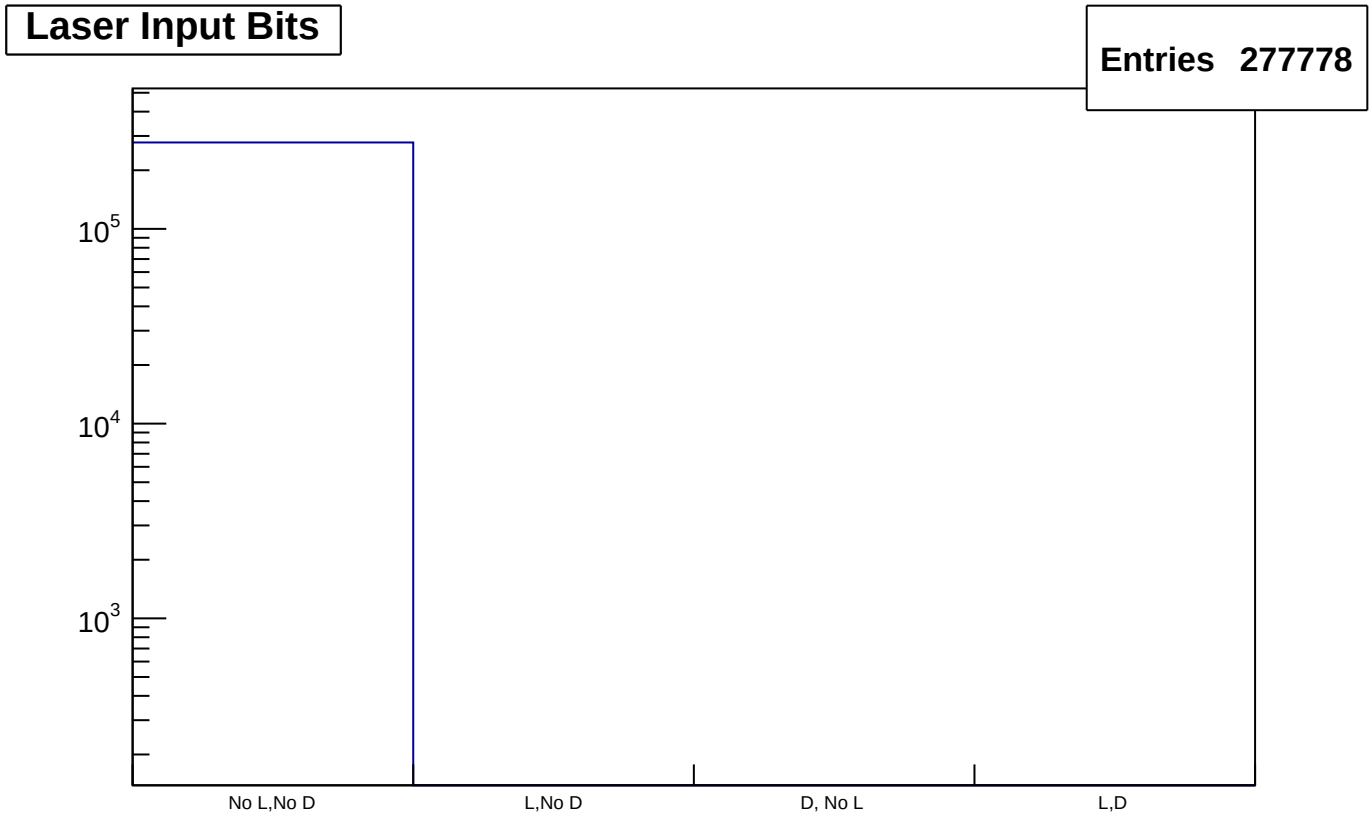

Entries 277778
TOF-Mult
VPD-West ADC Sum

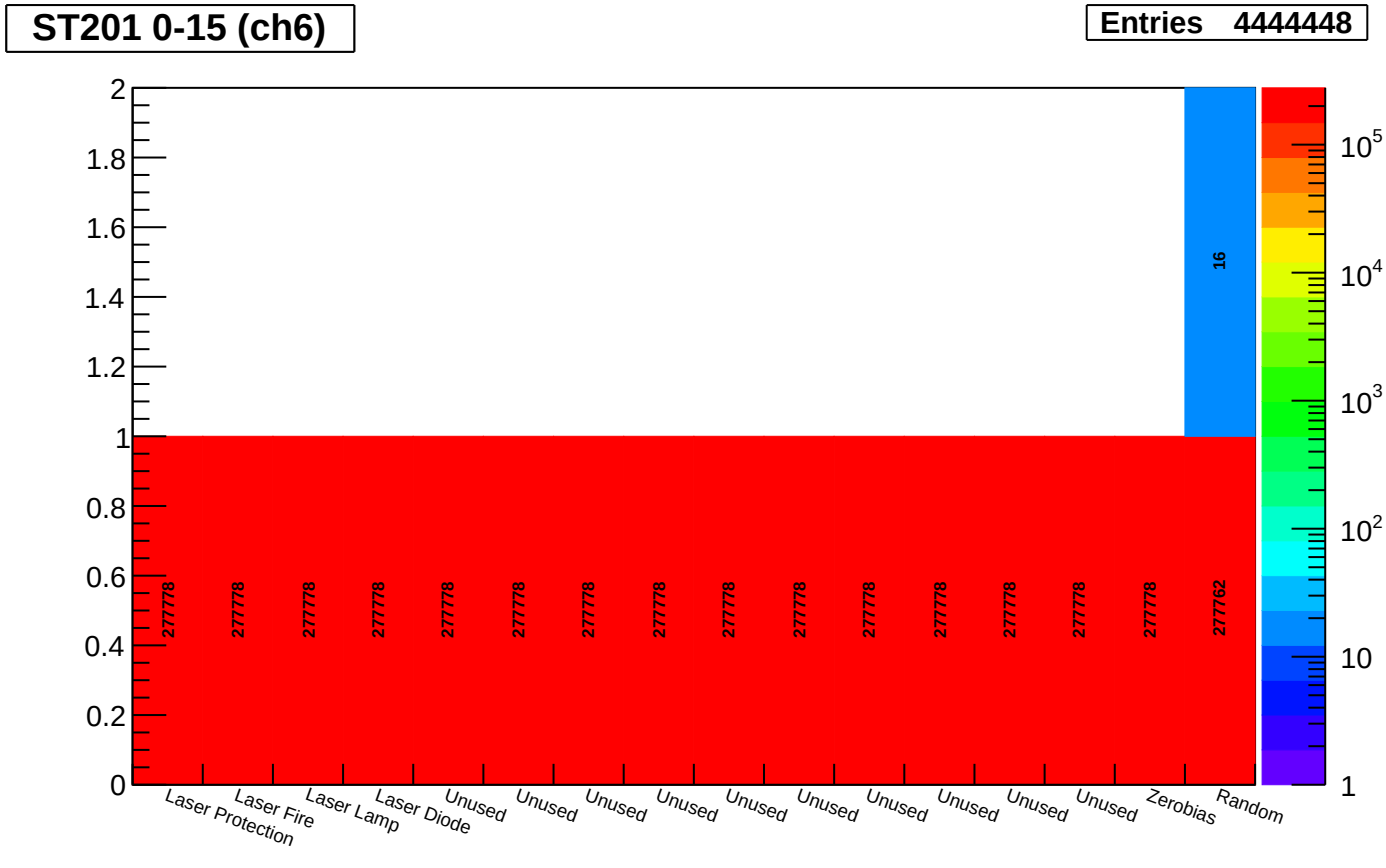

Entries 277778
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

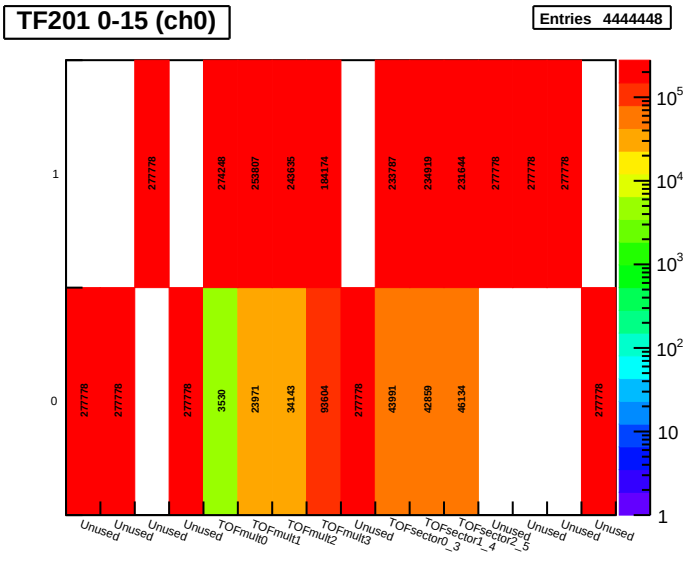

Entries 277778
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

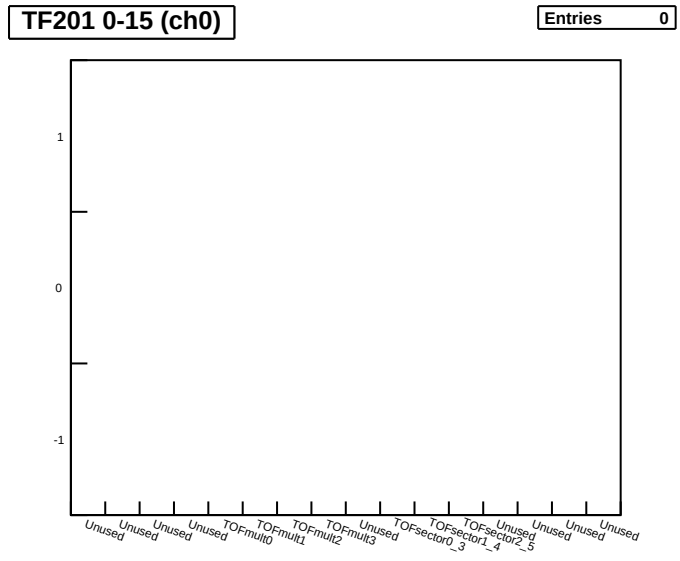

Entries 277778
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

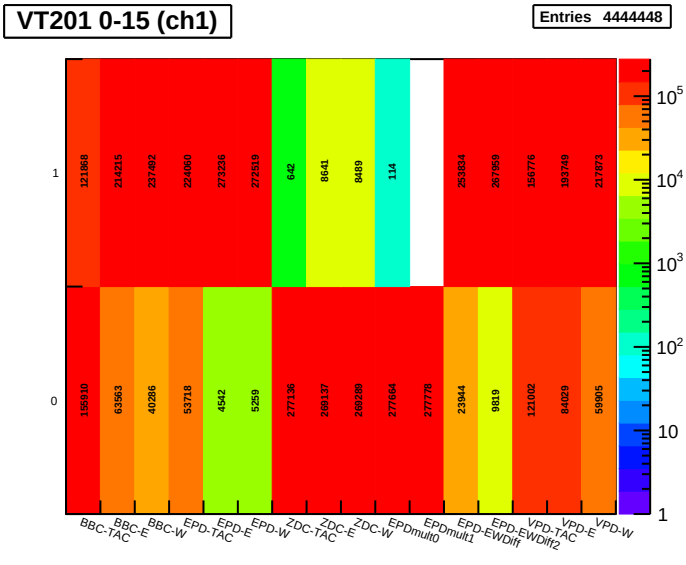

Entries 277778
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

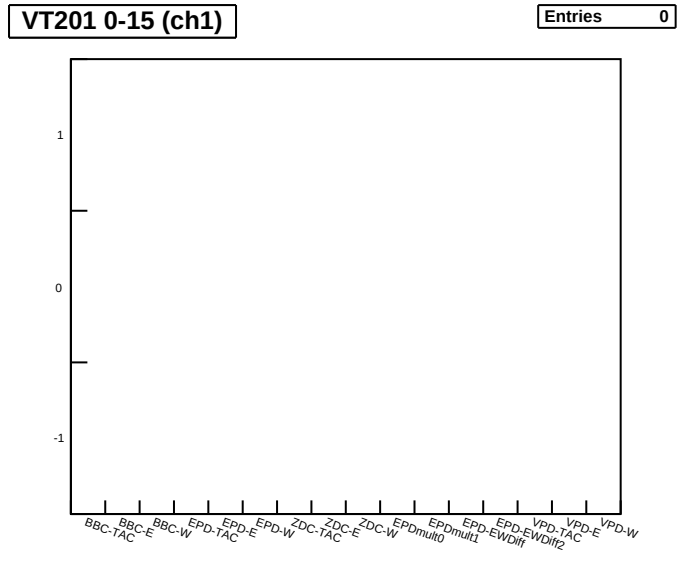

Laser Input Bits
Entries 277778
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

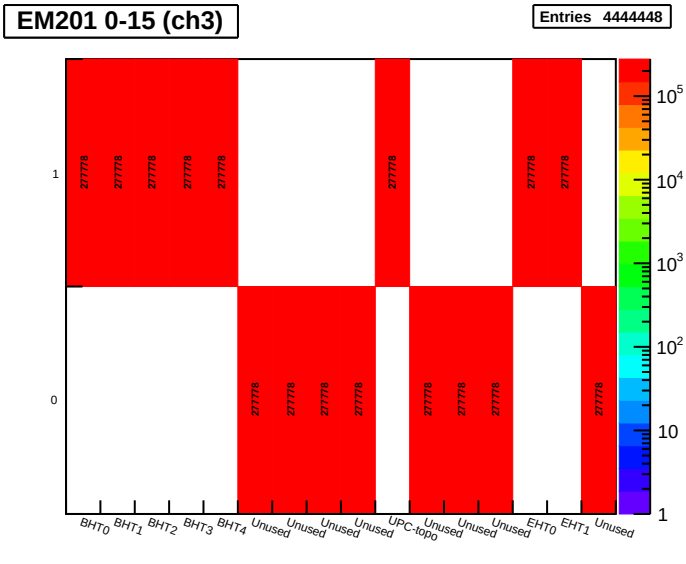

ST201 0-15 (ch6)
Entries 4444448
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
16
277778
277762
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random

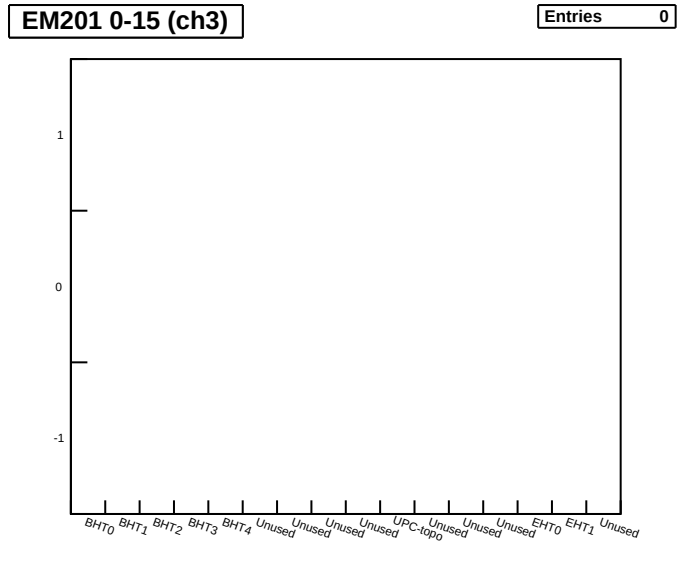

TF201 0-15 (ch0)
Entries 4444448
1
0
277778
274248
253807
243635
184174
233787
234919
231644
277778
277778
277778
277778
277778
3530
23971
34143
93604
277778
43991
42859
46134
277778
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4444448
1
0
121868
214215
237492
224060
273236
272519
642
8641
8489
114
253834
267959
156776
193749
217873
155910
63563
40286
53718
4542
5259
277136
269137
269289
277664
277778
23944
9819
121002
84029
59905
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 4444448
1
0
277778
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