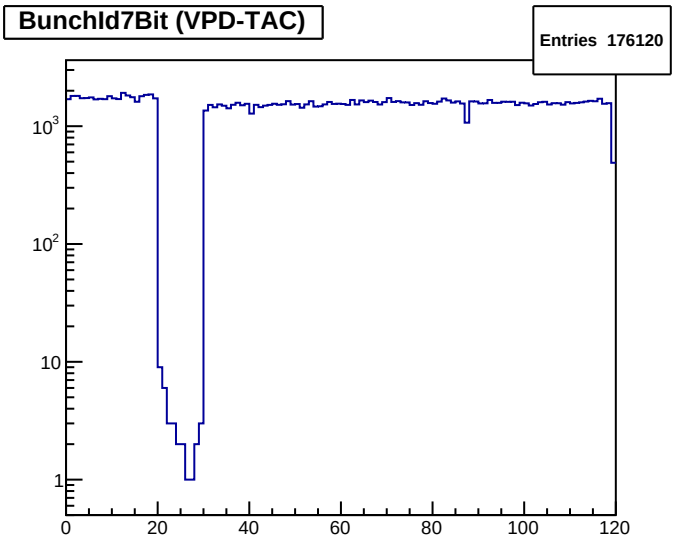
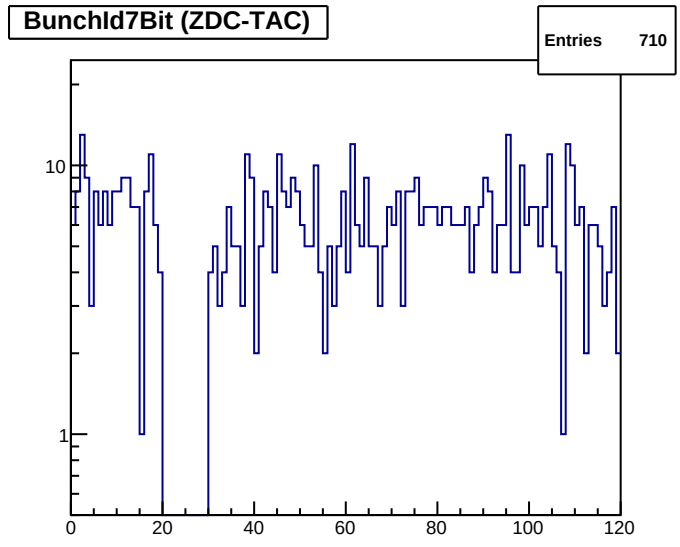
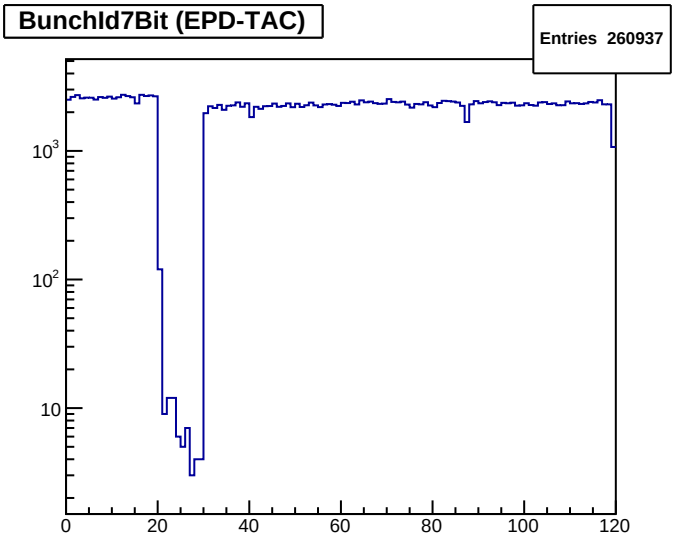
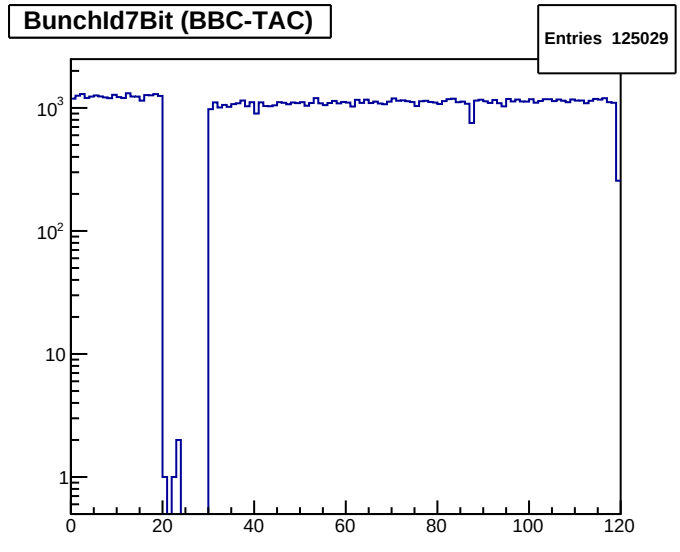
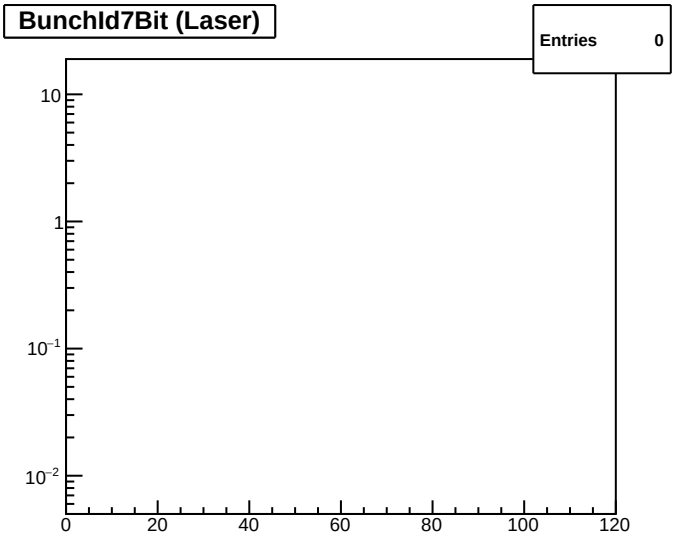
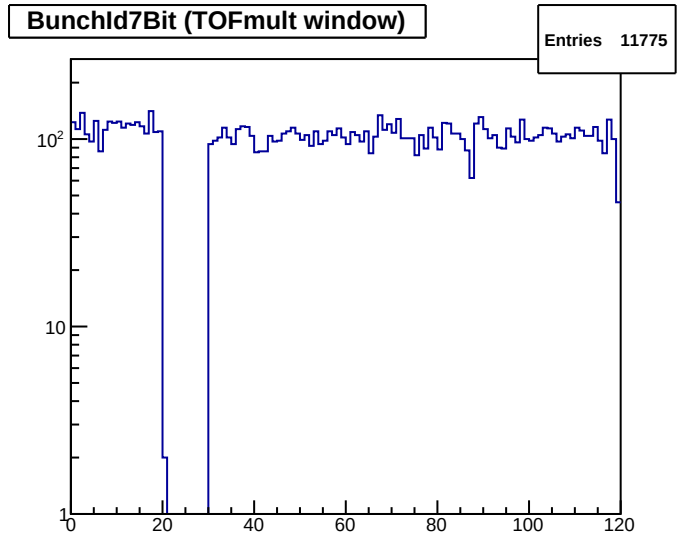

BunchId7Bit (VPD-TAC)
Entries 176120

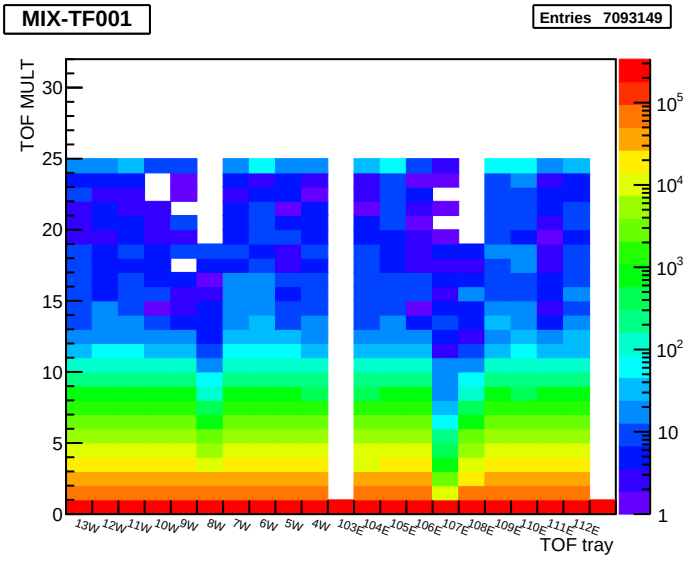

BunchId7Bit (ZDC-TAC)
Entries 710

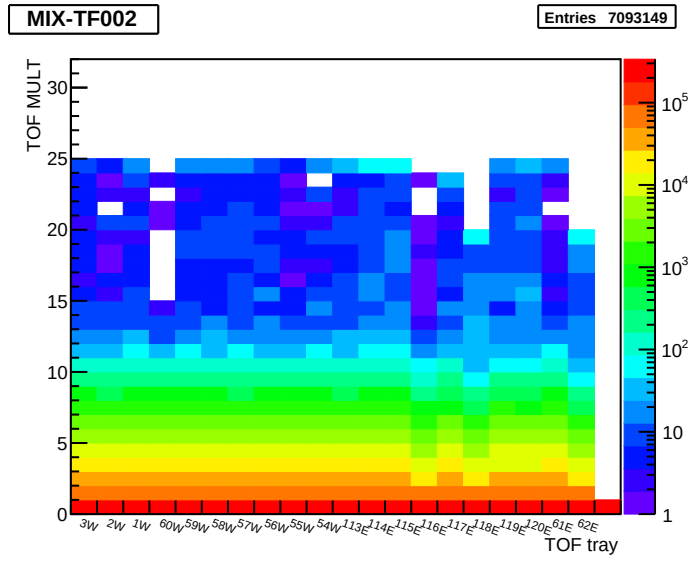

BunchId7Bit (EPD-TAC)
Entries 260937

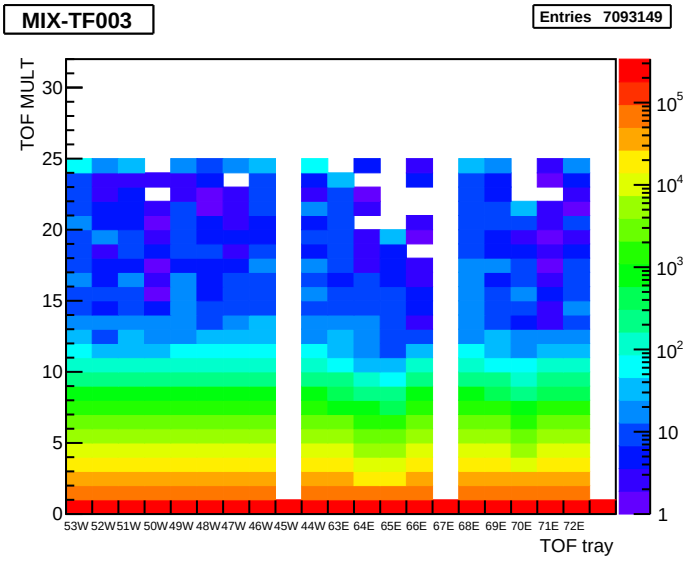

BunchId7Bit (BBC-TAC)
Entries 125029

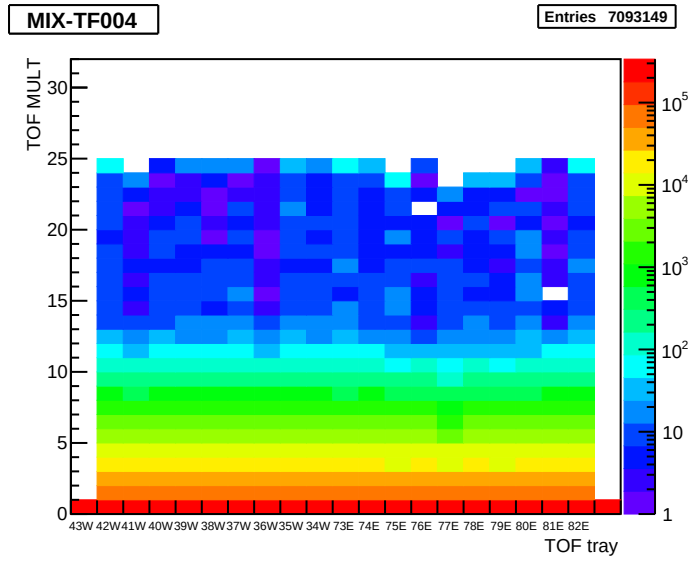

BunchId7Bit (Laser)
Entries 0

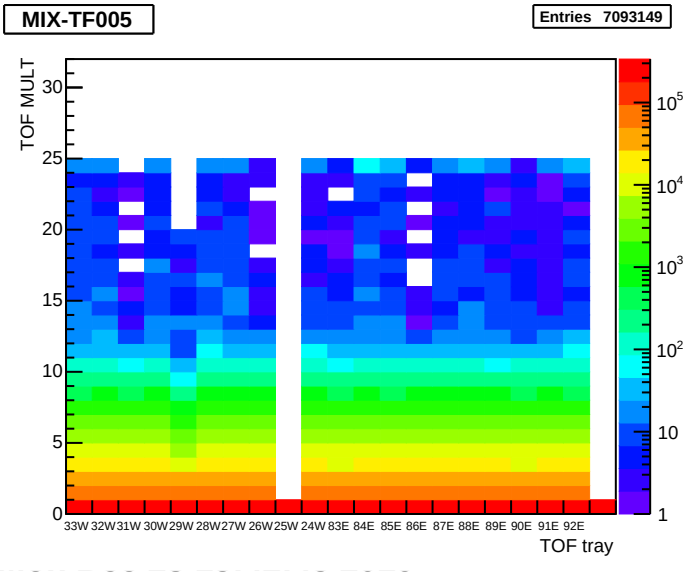

BunchId7Bit (TOFmult window)
Entries 11775

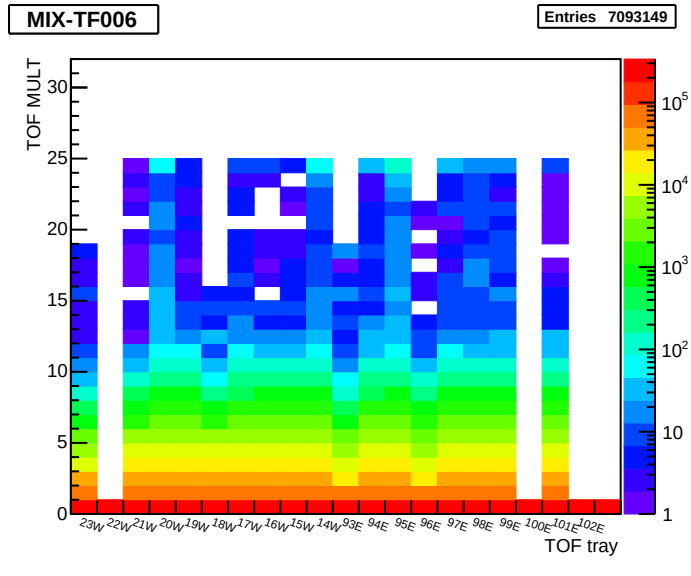

MIX-TF001
Entries 7093149
TOF MULT
TOF tray

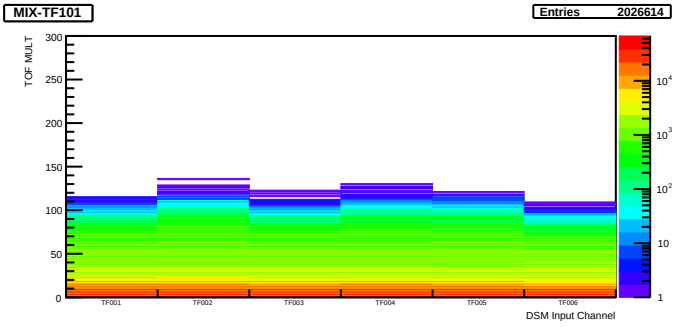

MIX-TF002
Entries 7093149
TOF MULT
TOF tray

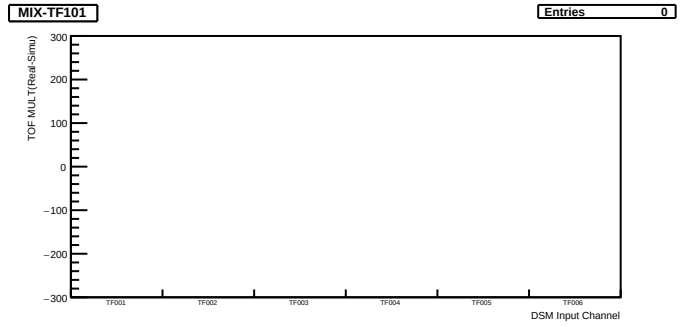

MIX-TF003
Entries 7093149
TOF MULT
TOF tray

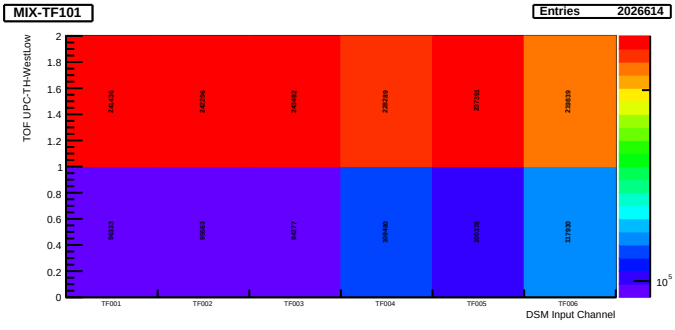

MIX-TF004
Entries 7093149
TOF MULT
TOF tray

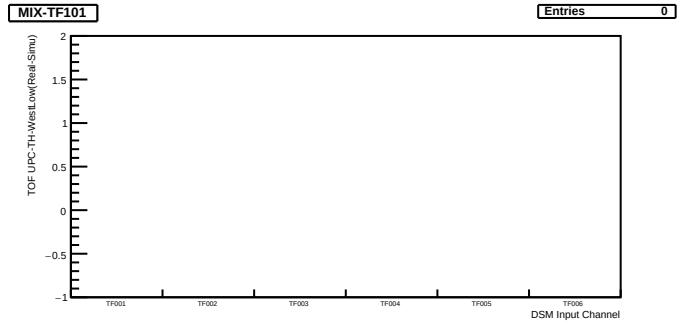

MIX-TF005
Entries 7093149
TOF MULT
TOF tray

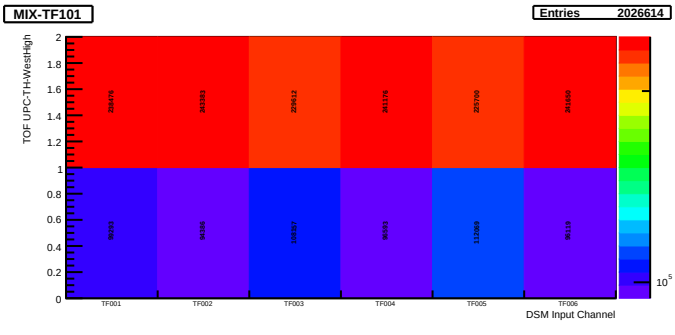

MIX-TF006
Entries 7093149
TOF MULT
TOF tray

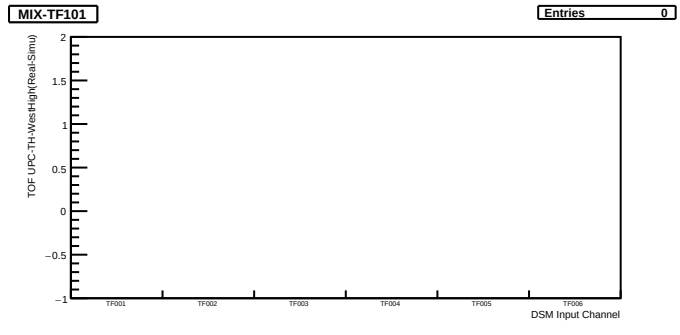

MIX-TF101
Entries 2026614
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

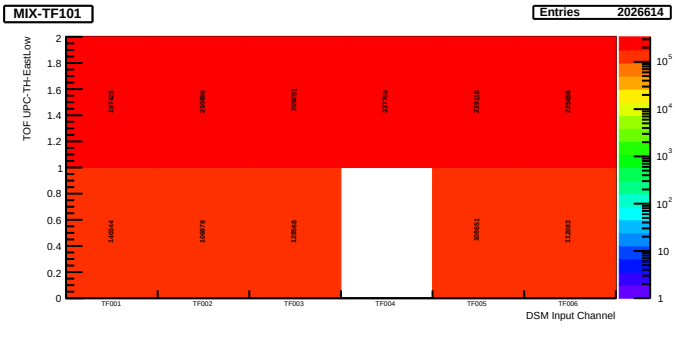

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

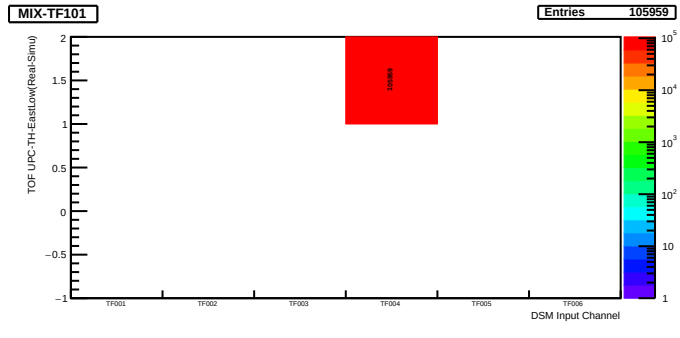

MIX-TF101
Entries 2026614
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

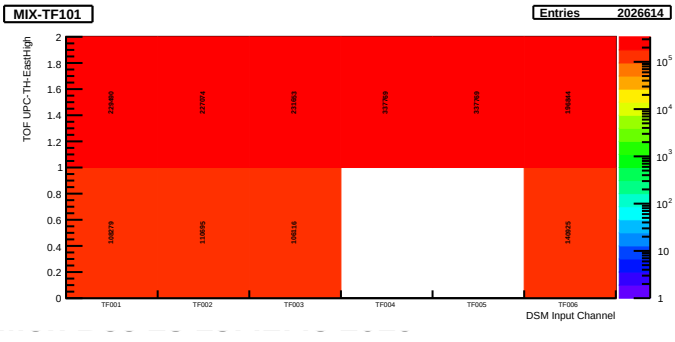

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

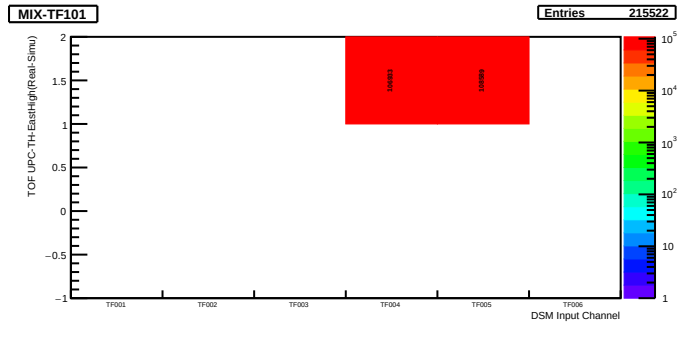

MIX-TF101
Entries 2026614
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

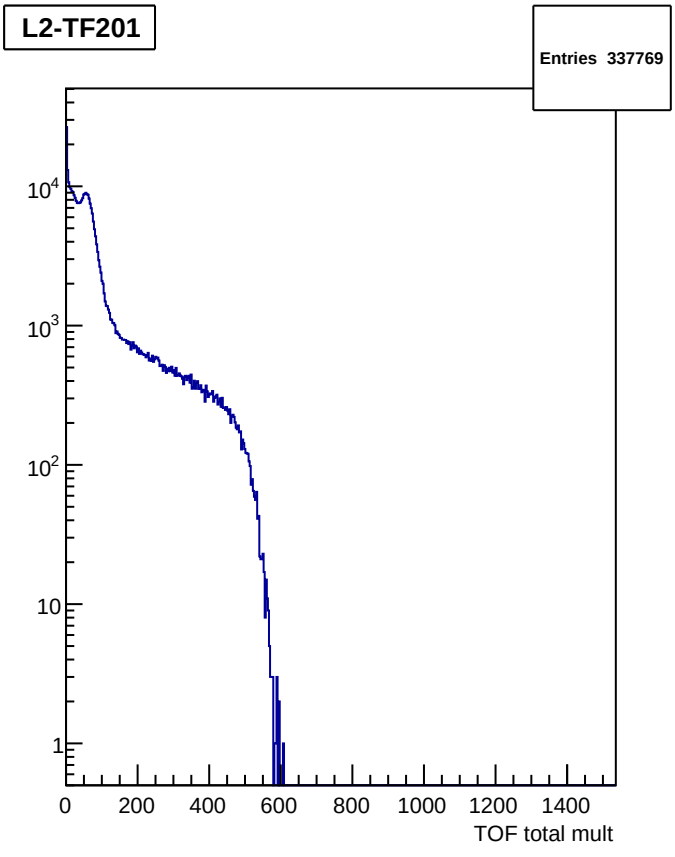

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

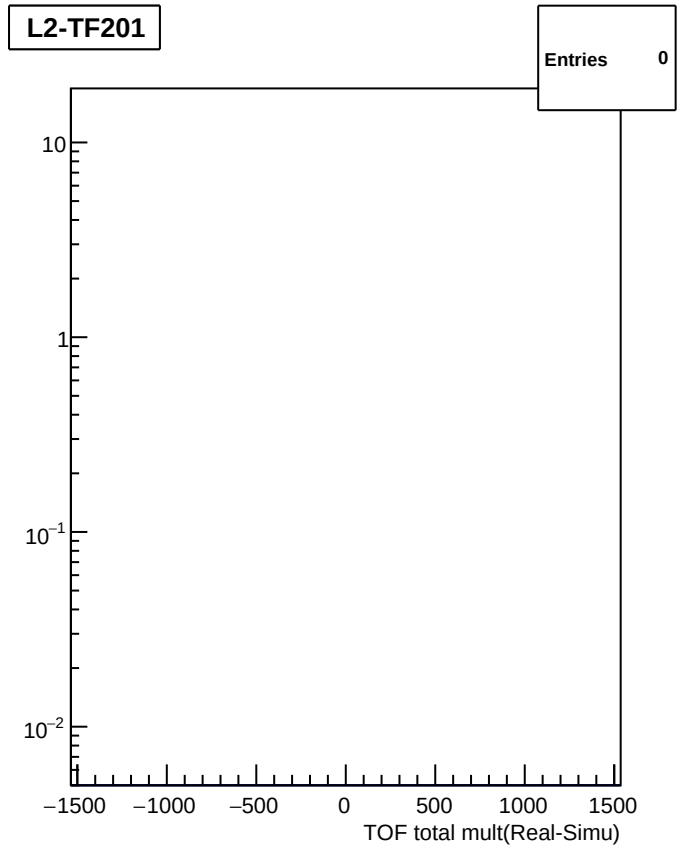

MIX-TF101
Entries 2026614
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

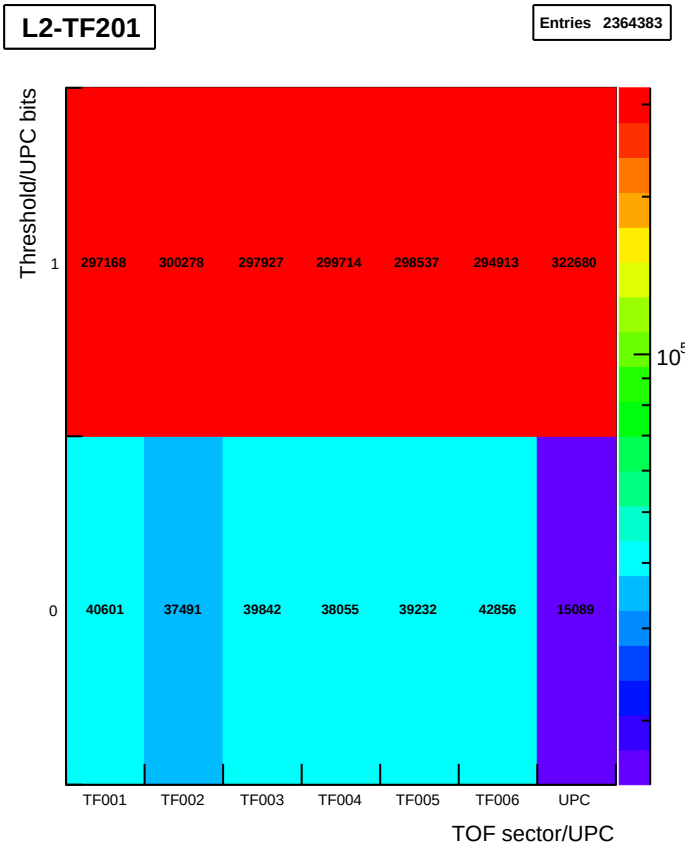

MIX-TF101
Entries 105959
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

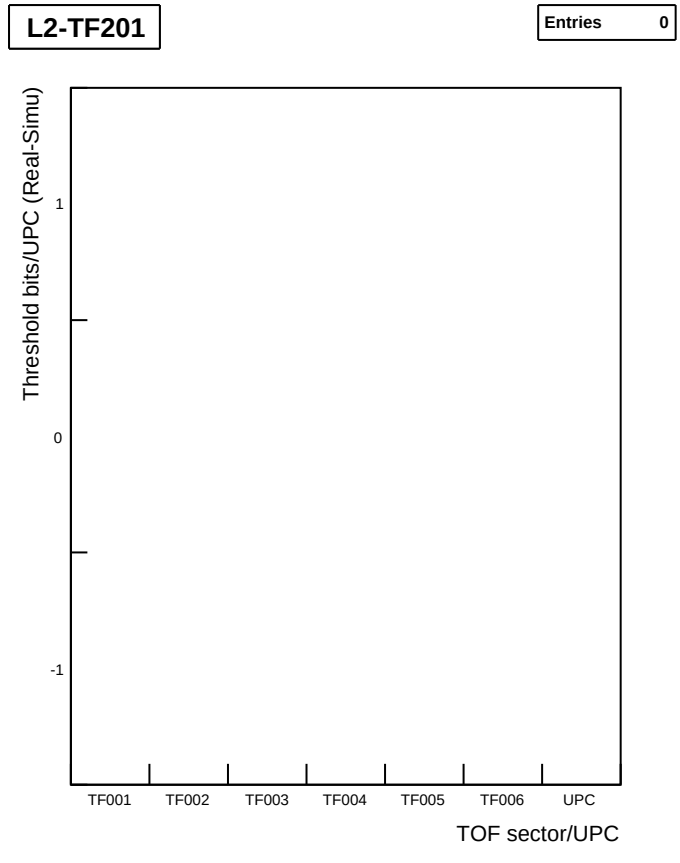

MIX-TF101
Entries 2026614
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

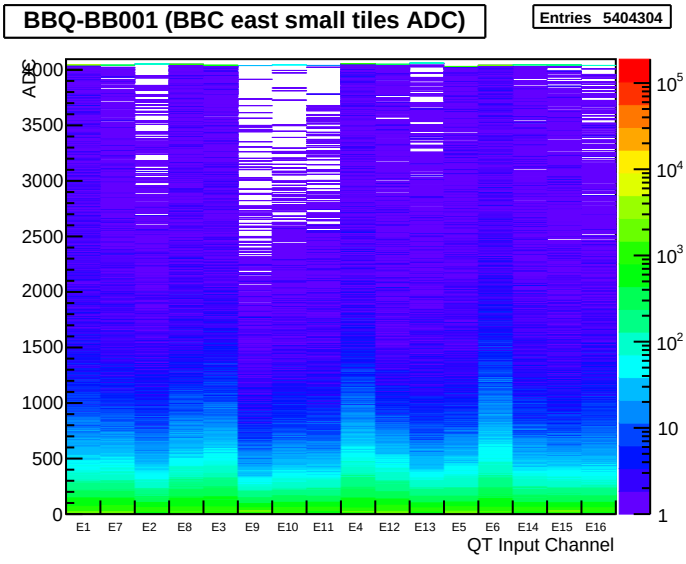

MIX-TF101
Entries 215522
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

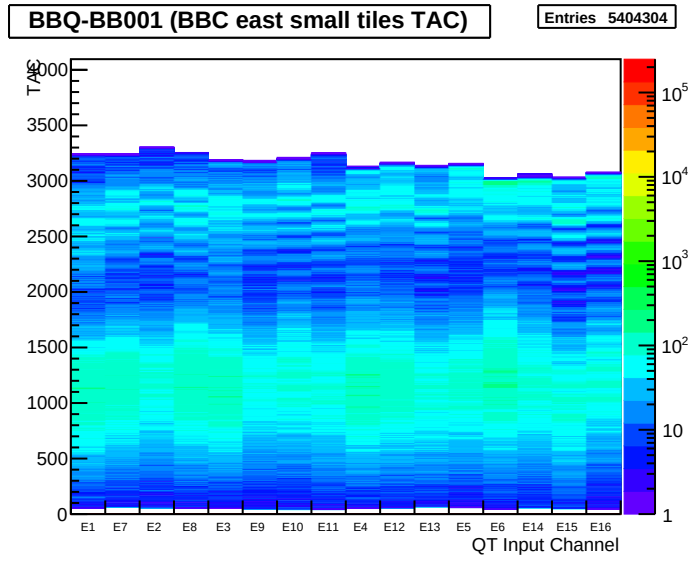

L2-TF201
Entries 337769
TOF total mult

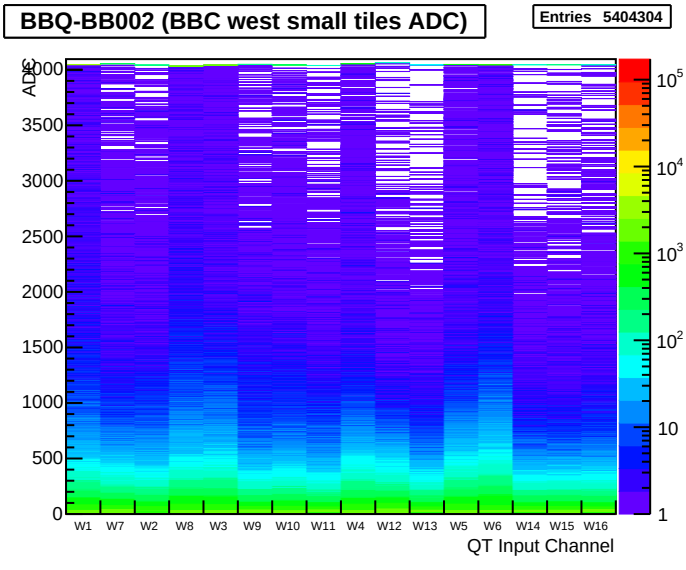

L2-TF201
Entries 0
TOF total mult(Real-Simu)

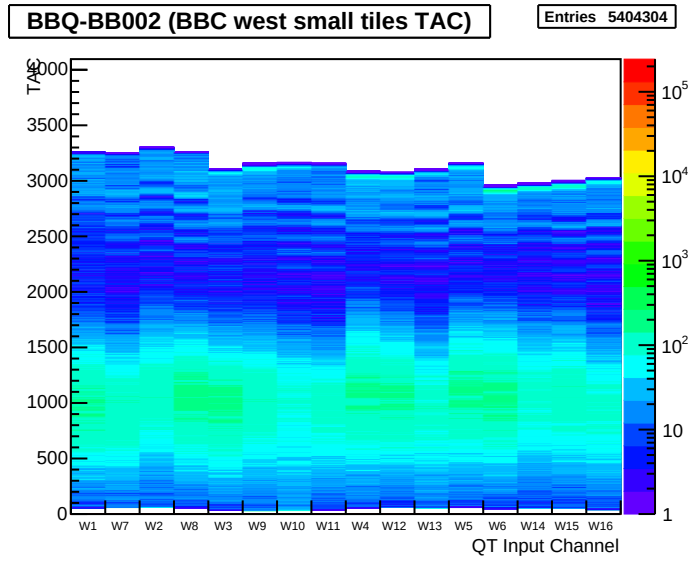

L2-TF201
Entries 2364383
Threshold/UPC bits
297168
300278
297927
299714
298537
294913
322680
40601
37491
39842
38055
39232
42856
15089
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

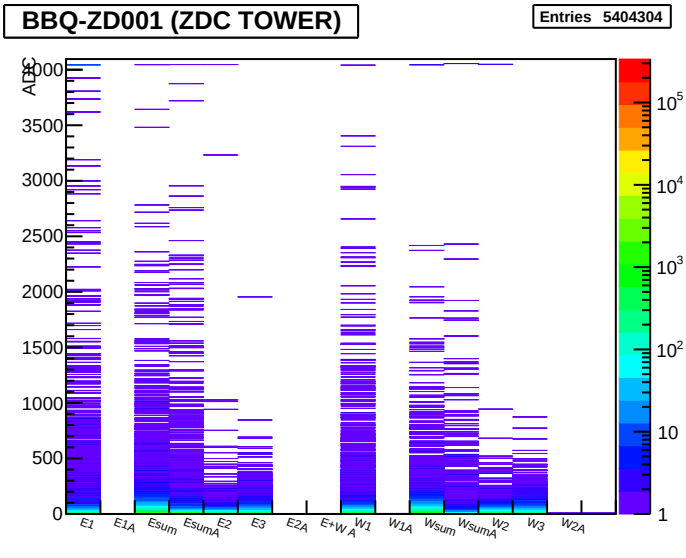

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

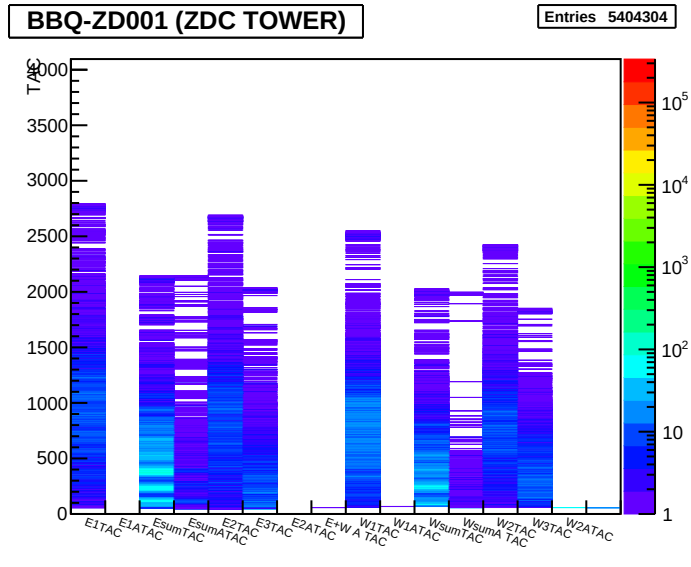

BBQ-BB001 (BBC east small tiles ADC)
Entries 5404304
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

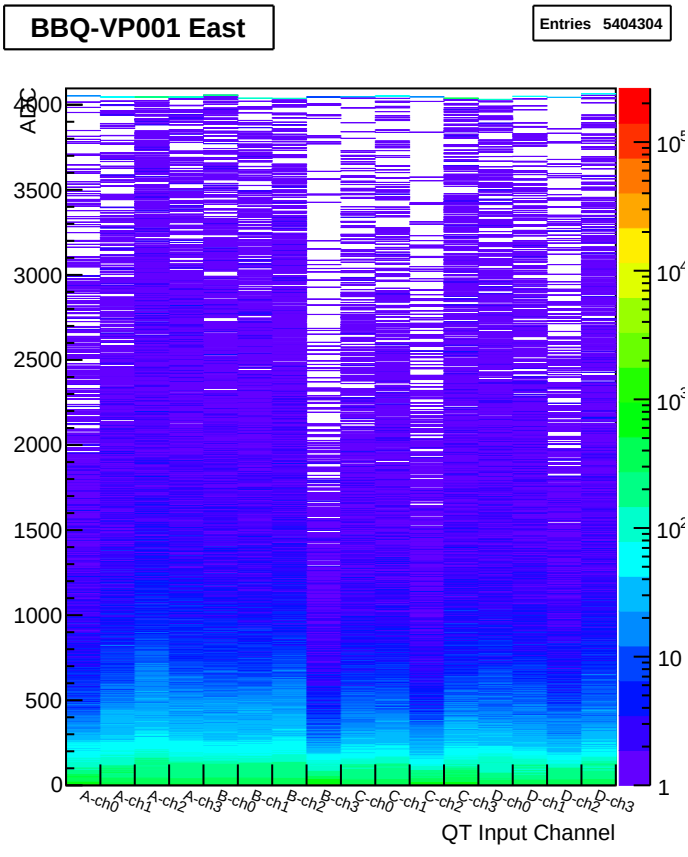

BBQ-BB001 (BBC east small tiles TAC)
Entries 5404304
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

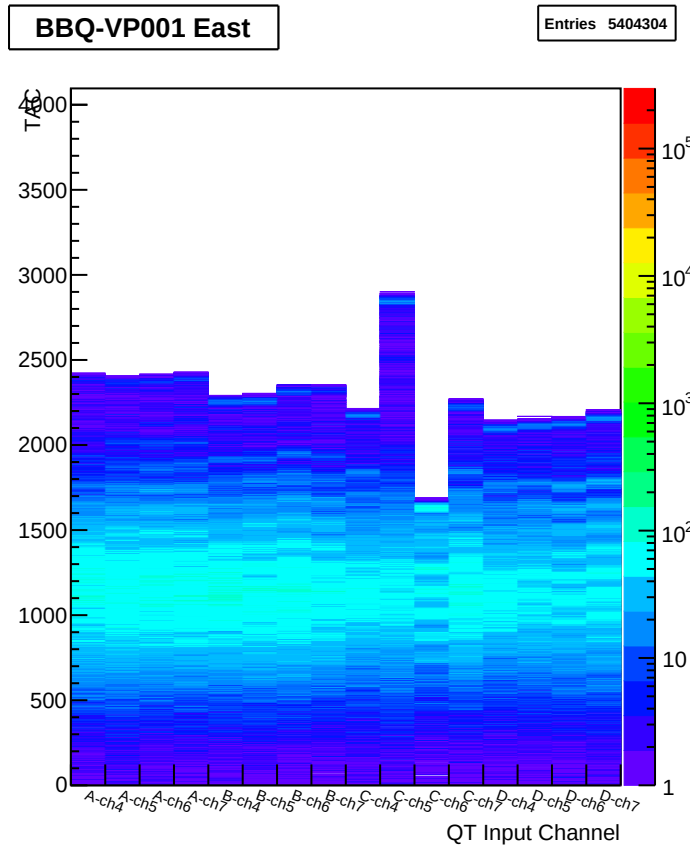

BBQ-BB002 (BBC west small tiles ADC)
Entries 5404304
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

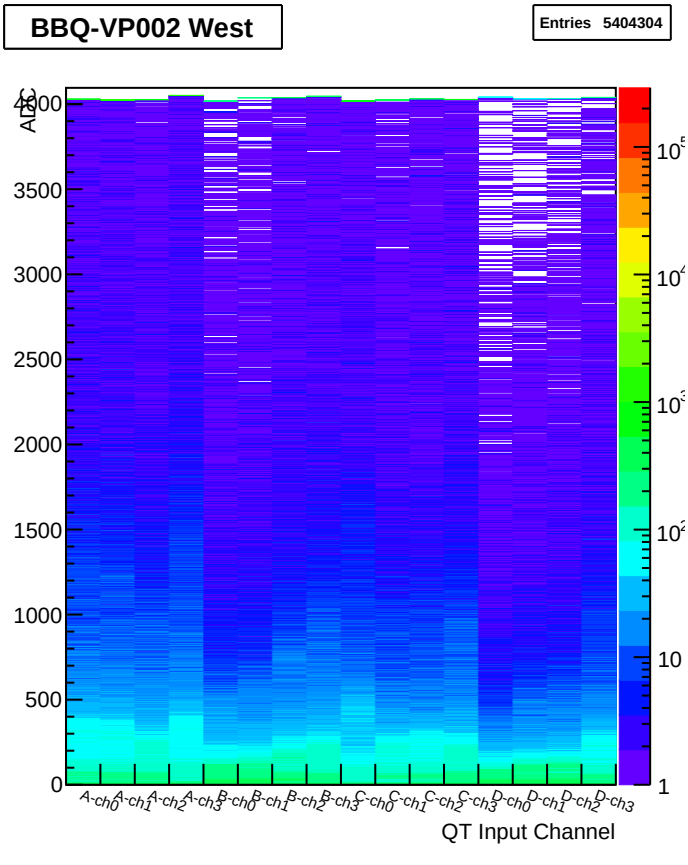

BBQ-BB002 (BBC west small tiles TAC)
Entries 5404304
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

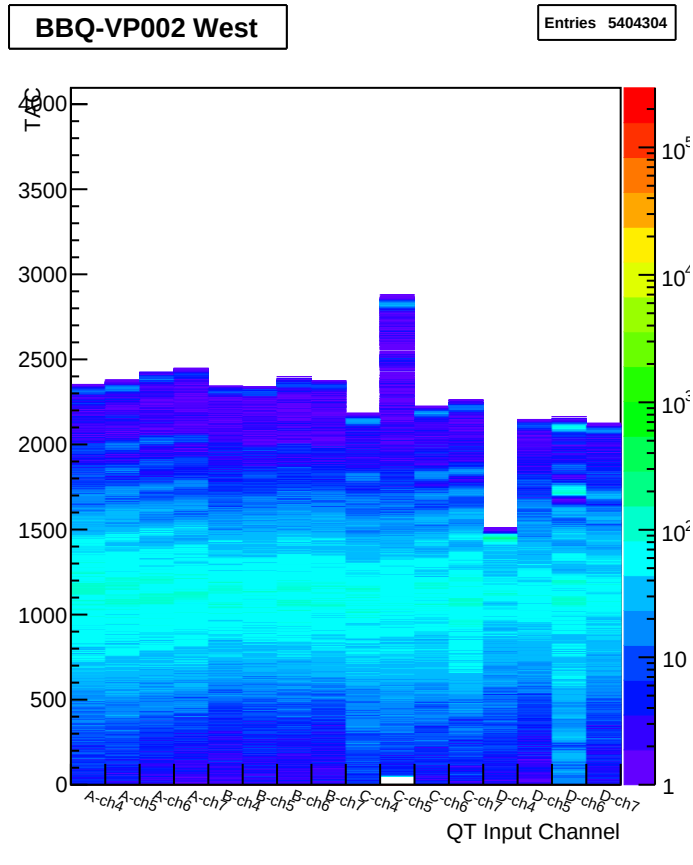

BBQ-ZD001 (ZDC TOWER)
Entries 5404304
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

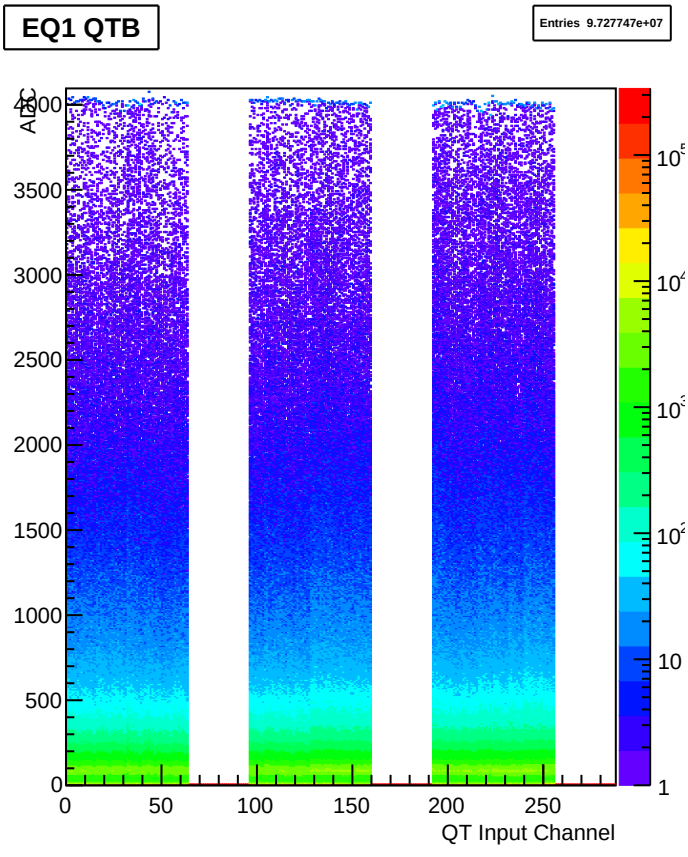

BBQ-ZD001 (ZDC TOWER)
Entries 5404304
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

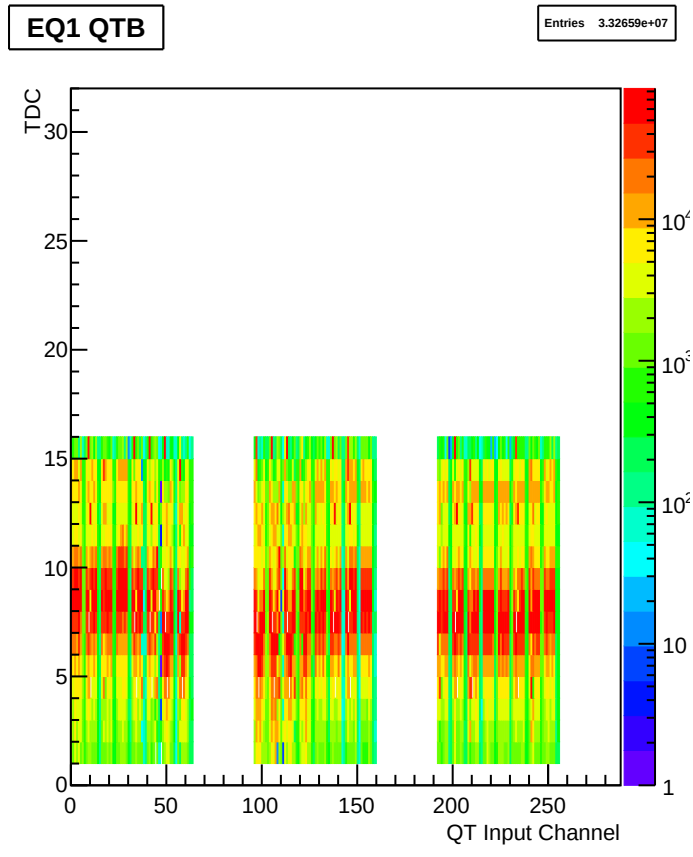

BBQ-VP001 East
Entries 5404304
ADC
QT Input Channel

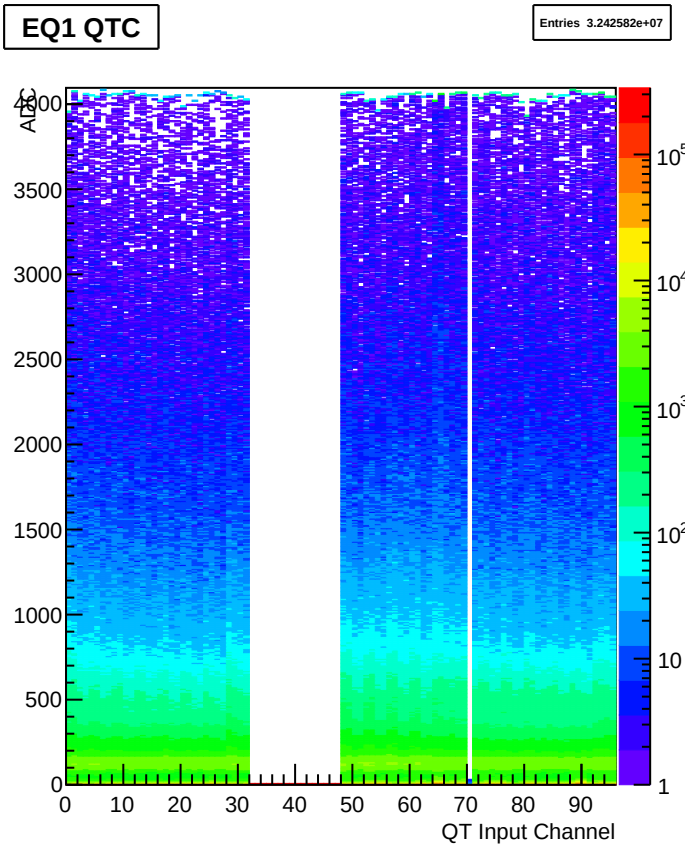

BBQ-VP001 East
Entries 5404304
TADC
QT Input Channel

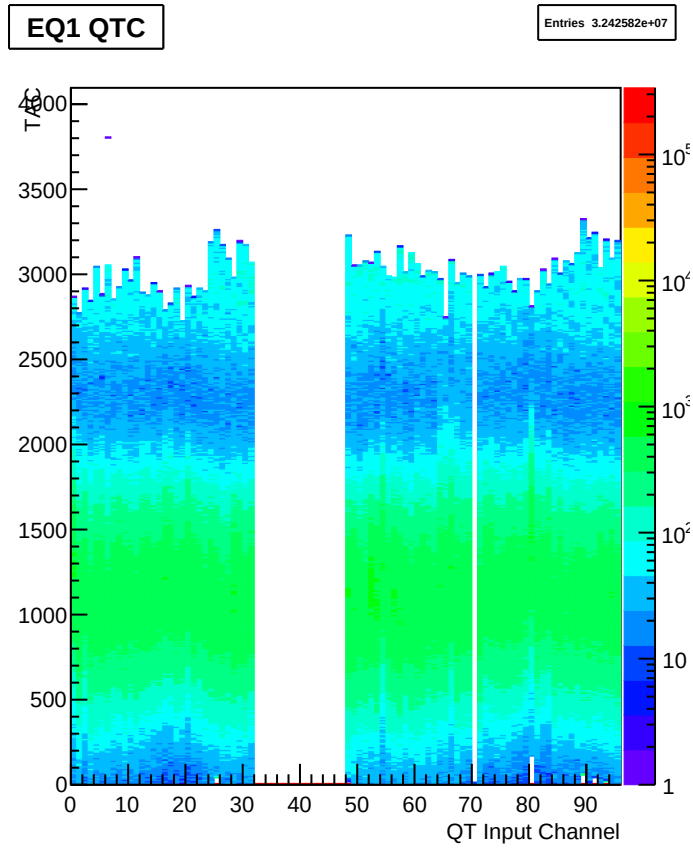

BBQ-VP002 West
Entries 5404304
ADC
QT Input Channel

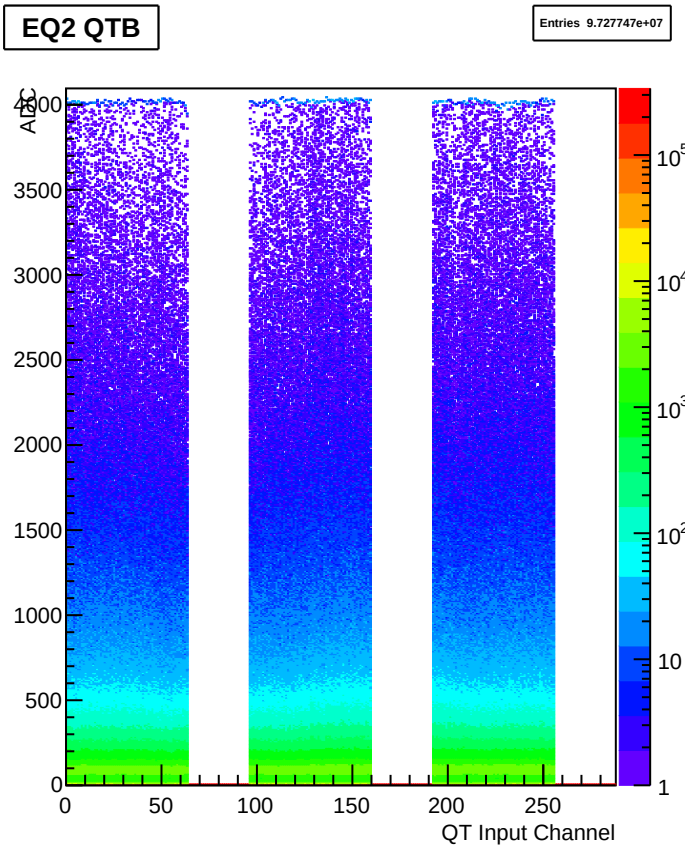

BBQ-VP002 West
Entries 5404304
TADC
QT Input Channel

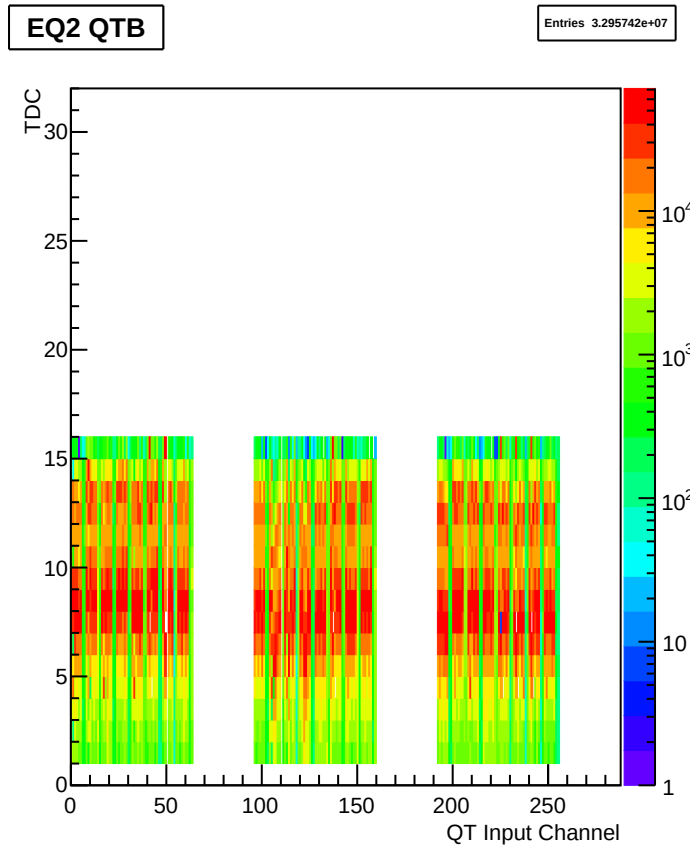

EQ1 QTB
Entries 9.727747e+07
ADC
QT Input Channel

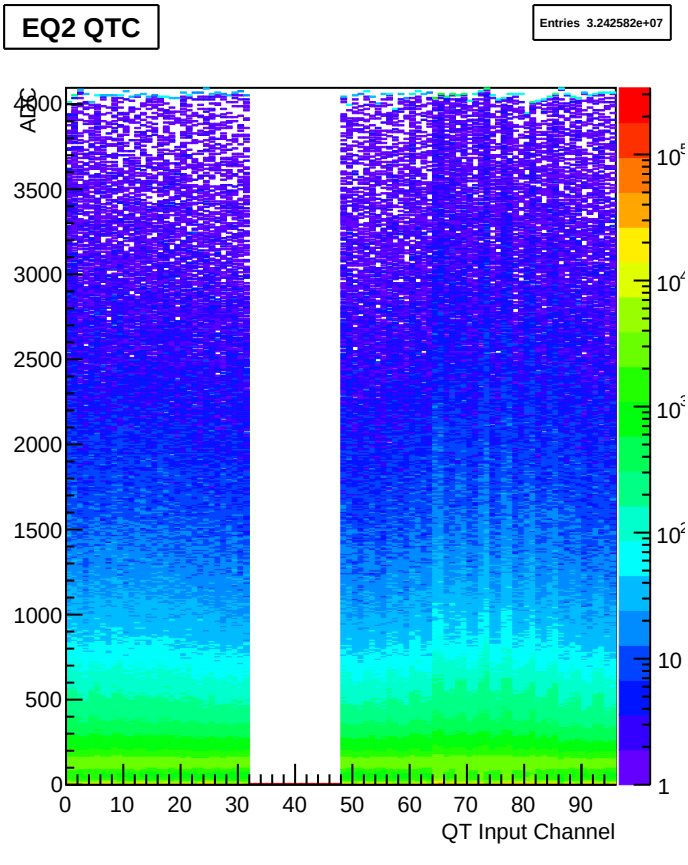

EQ1 QTB
Entries 3.32659e+07
TDC
QT Input Channel

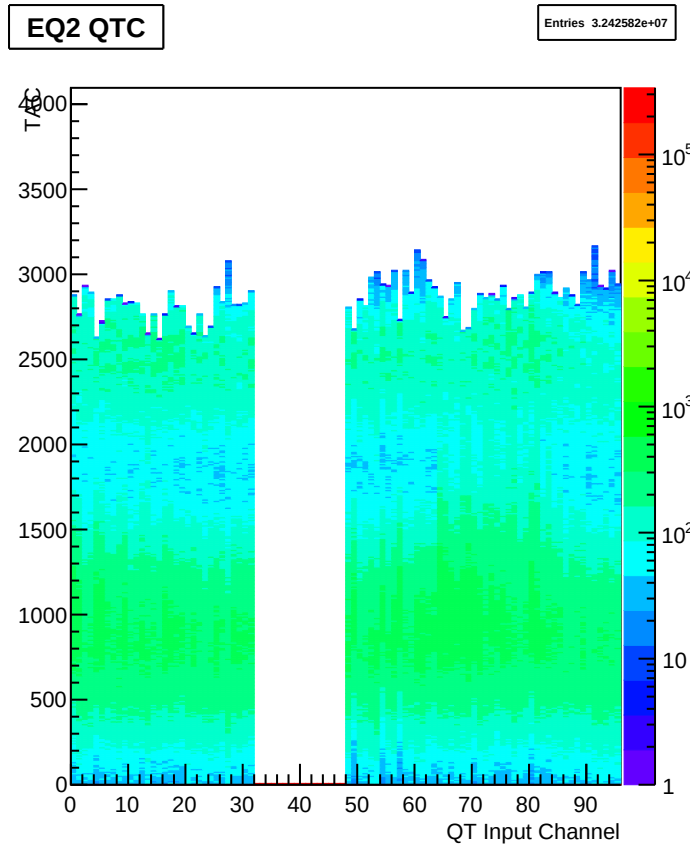

EQ1 QTC
Entries 3.242582e+07
ADC
QT Input Channel

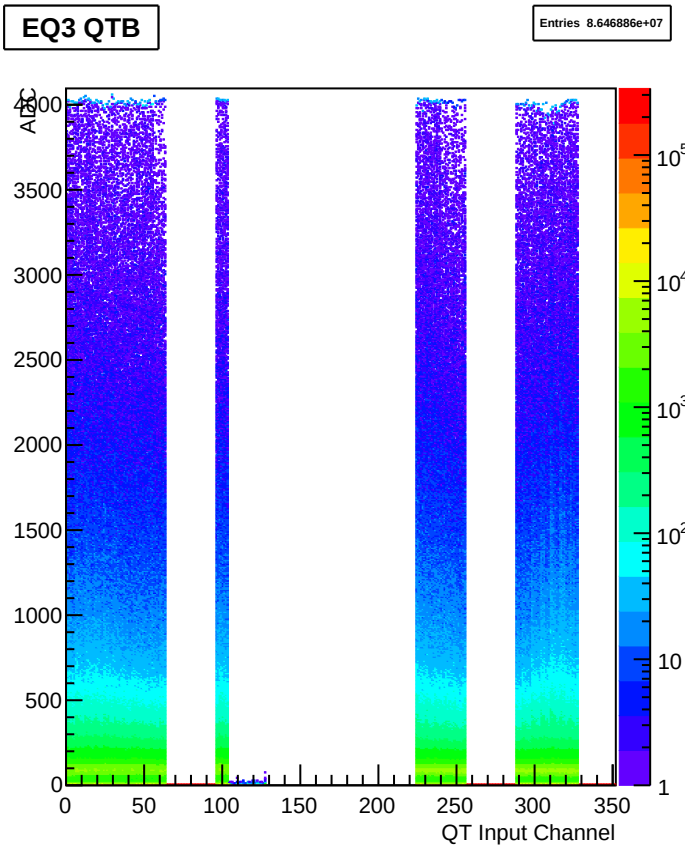

EQ1 QTC
Entries 3.242582e+07
TADC
QT Input Channel

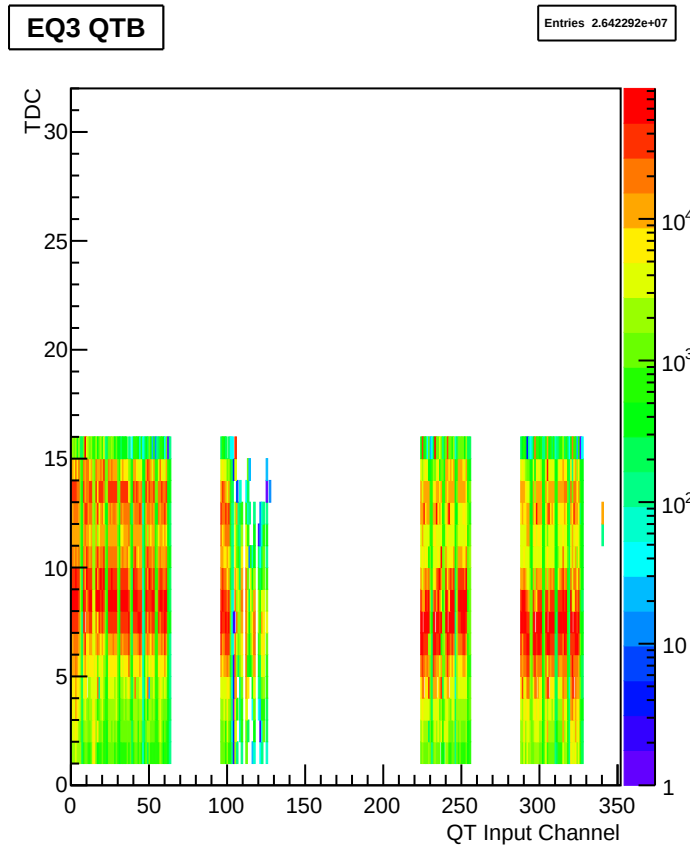

EQ2 QTB
Entries 9.727747e+07
ADC
QT Input Channel

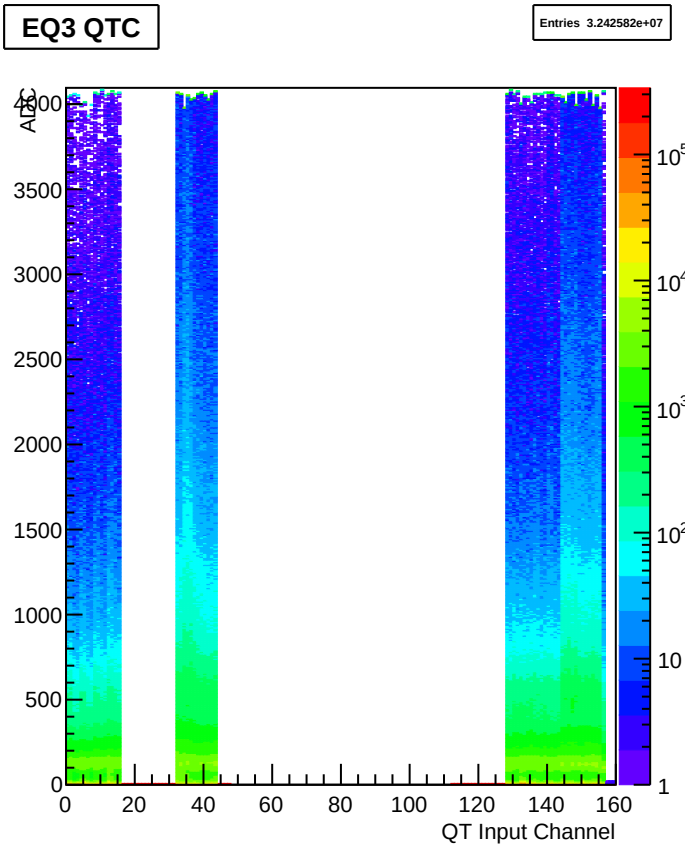

EQ2 QTB
Entries 3.295742e+07
TDC
QT Input Channel

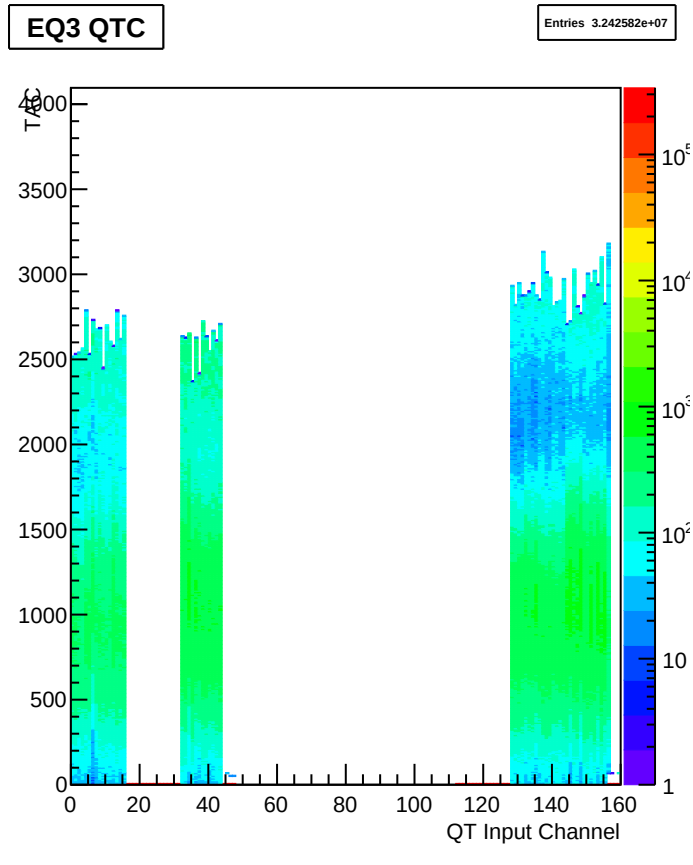

EQ2 QTC
Entries 3.242582e+07
ADC
QT Input Channel

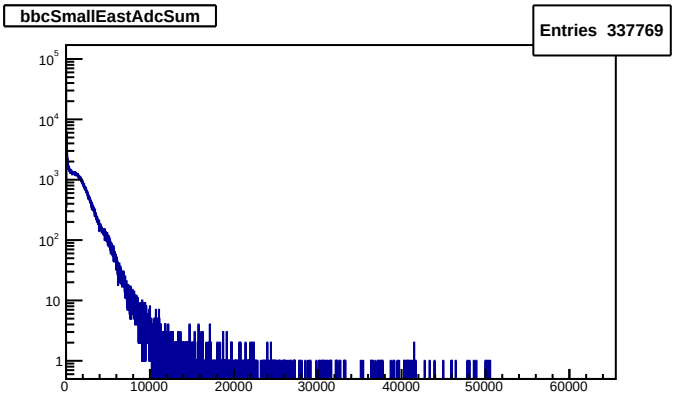

EQ2 QTC
Entries 3.242582e+07
TADC
QT Input Channel

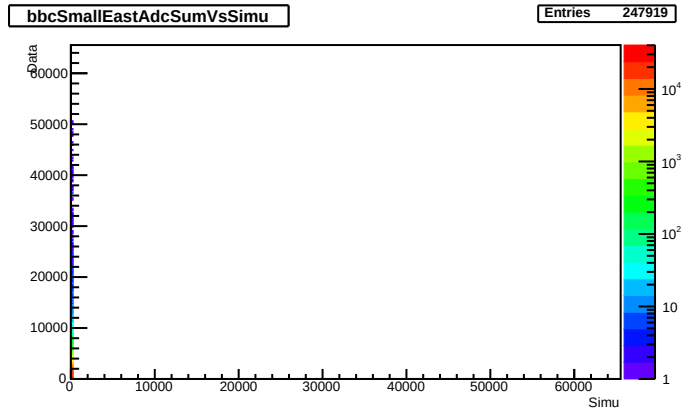

EQ3 QTB
Entries 8.646886e+07
ADC
QT Input Channel

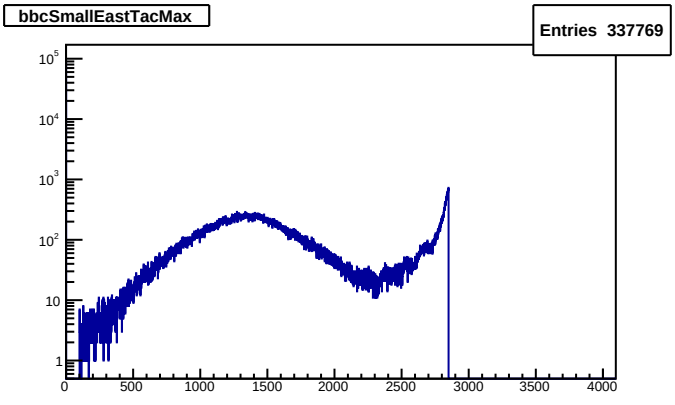

EQ3 QTB
Entries 2.642292e+07
TDC
QT Input Channel

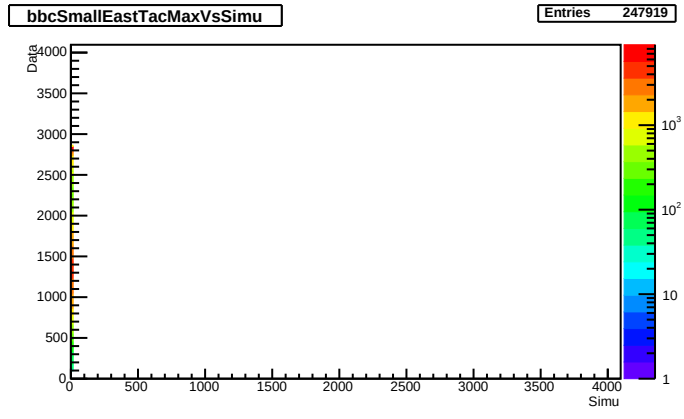

EQ3 QTC
Entries 3.242582e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.242582e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 337769


bbcSmallEastAdcSumVsSimu
Entries 247919
Data
Simu


bbcSmallEastTacMax
Entries 337769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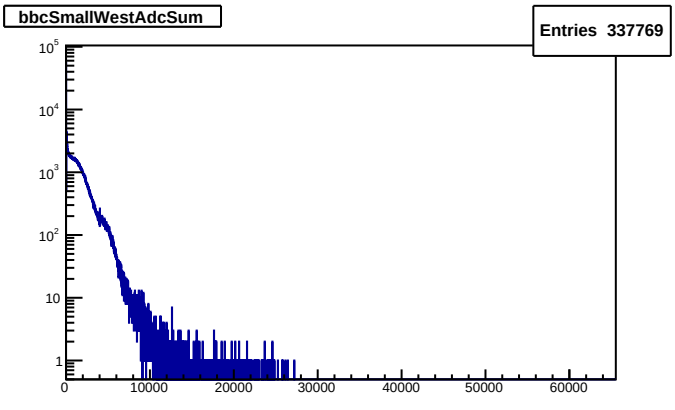
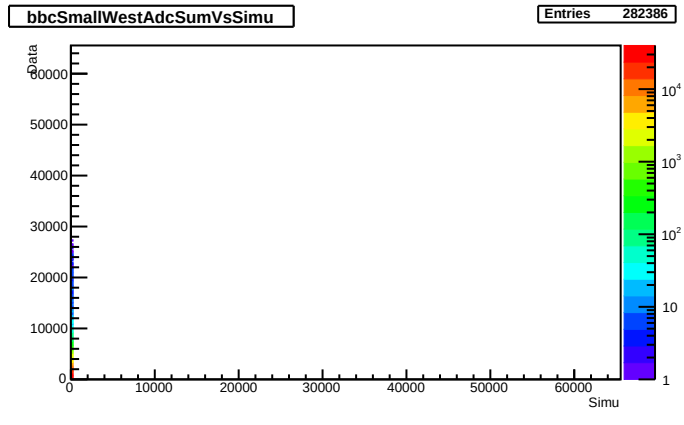
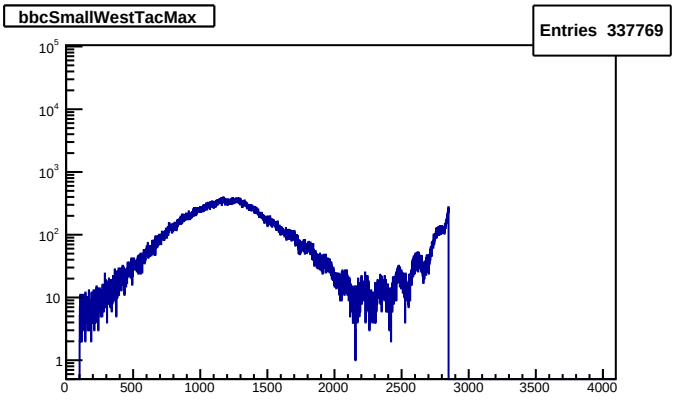
Entries 247919
Data
Simu


bbcSmallWestAdcSum
Entries 337769


bbcSmallWestAdcSumVsSimu
Entries 282386
Data
Simu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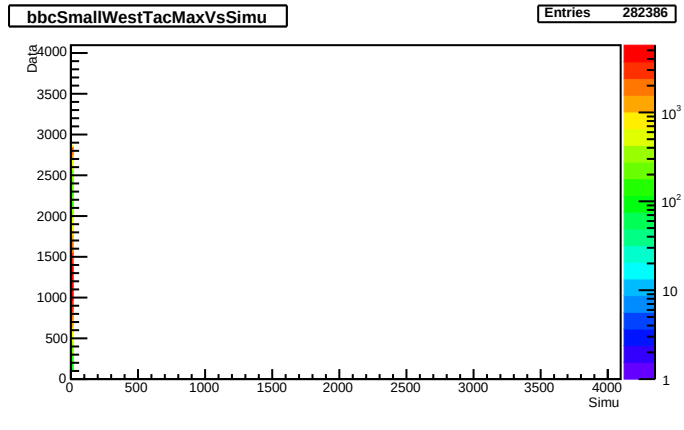
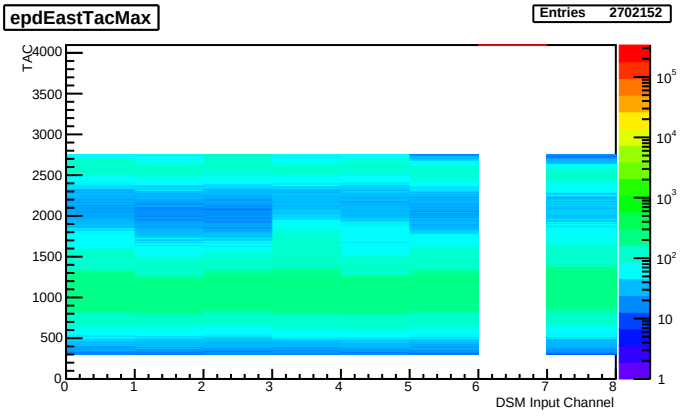
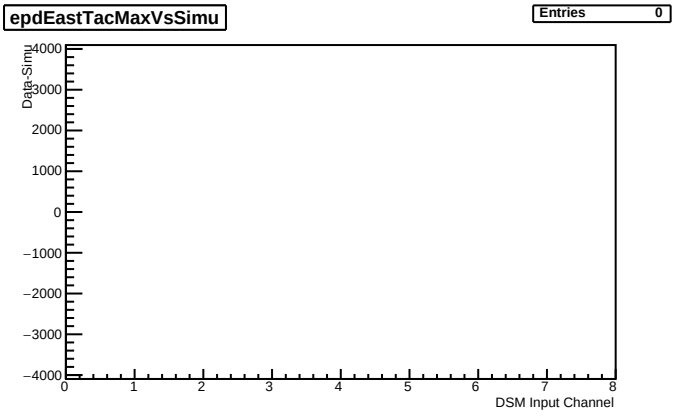
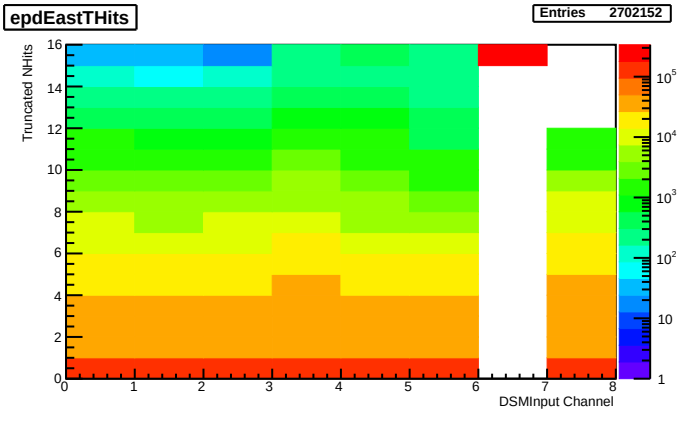
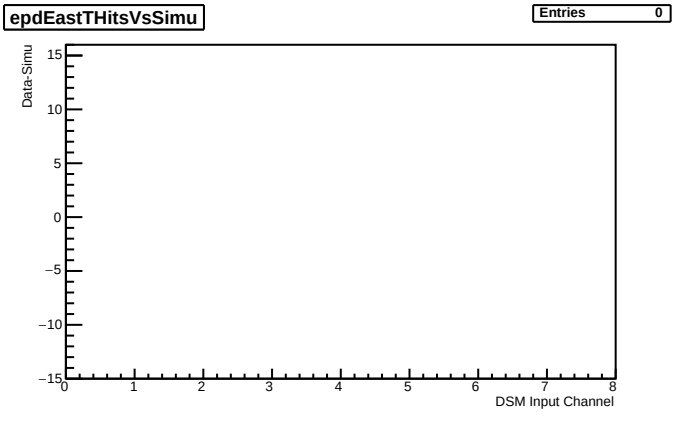
Entries 337769


bbcSmallWestTacMaxVsSimu
Entries 282386
Data
Simu


epdEastTacMax
Entries 2702152
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2702152
Truncated NHits
DSMInput Channel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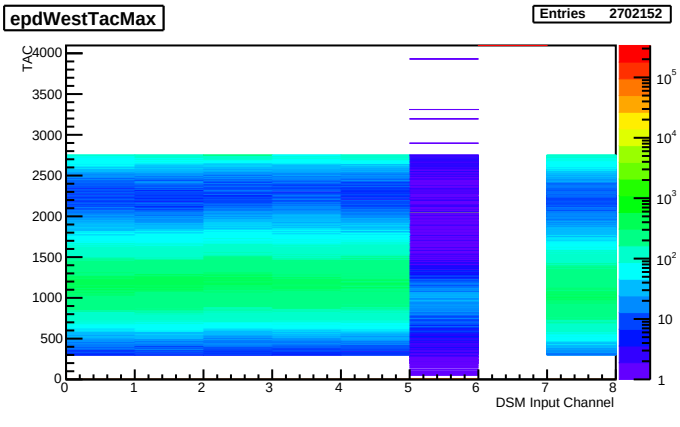
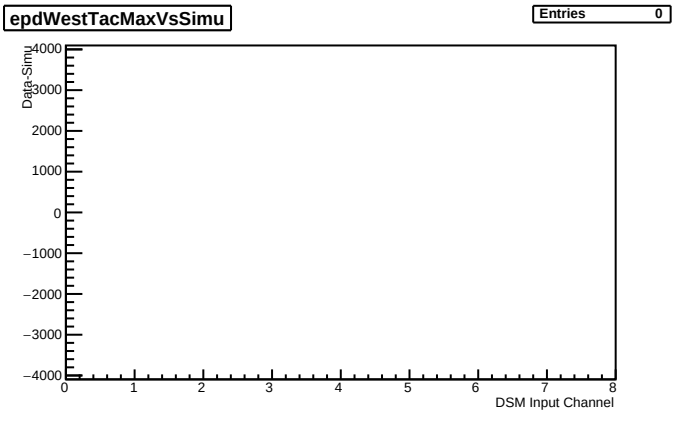
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2702152
TAC
DSM Input Channel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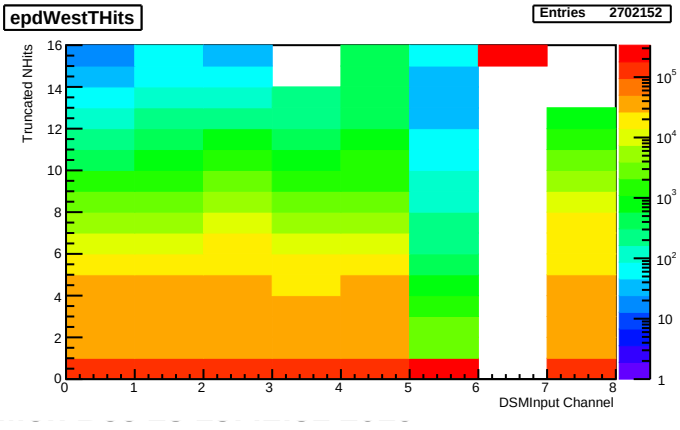
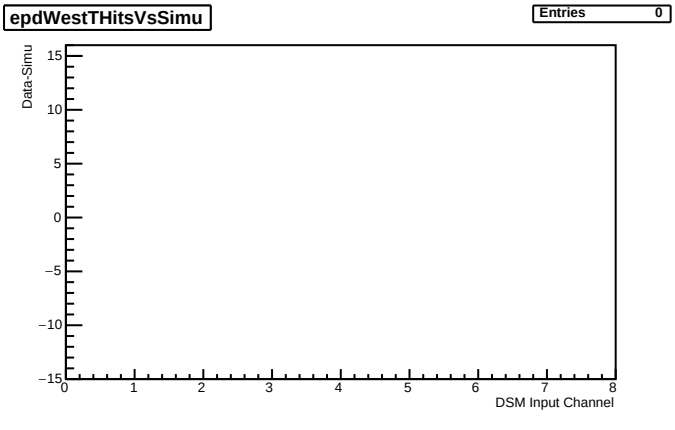
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2702152
Truncated NHits
DSMInput Channel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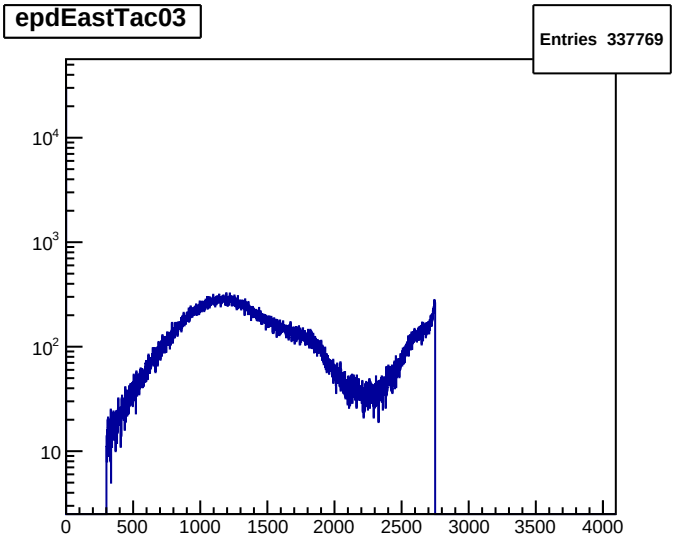
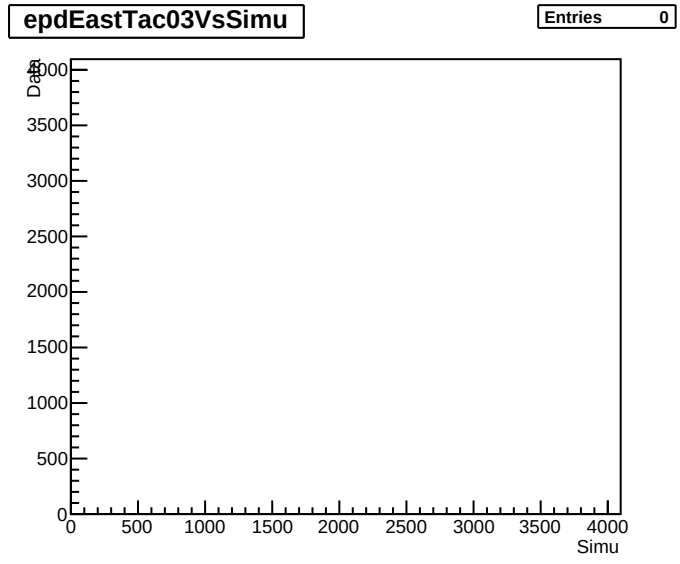
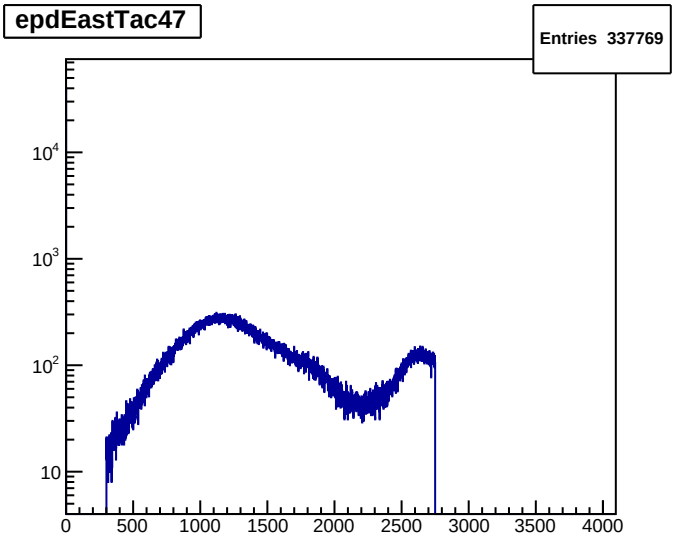
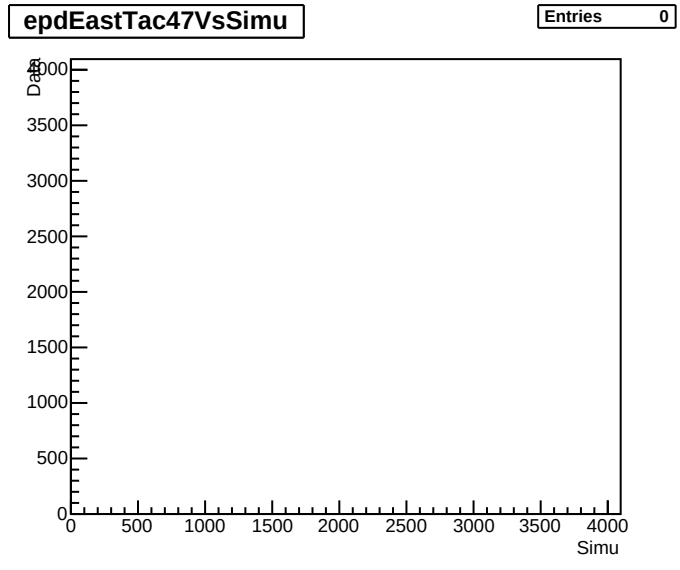
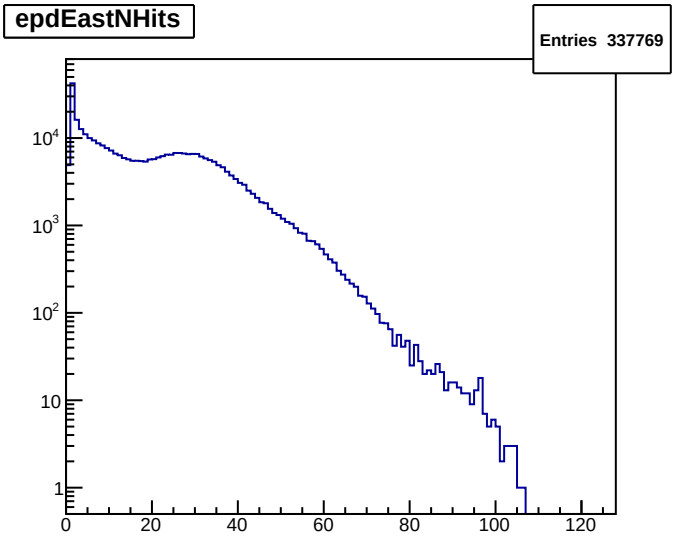
Entries 0
Data-Simu
DSM Input Channel

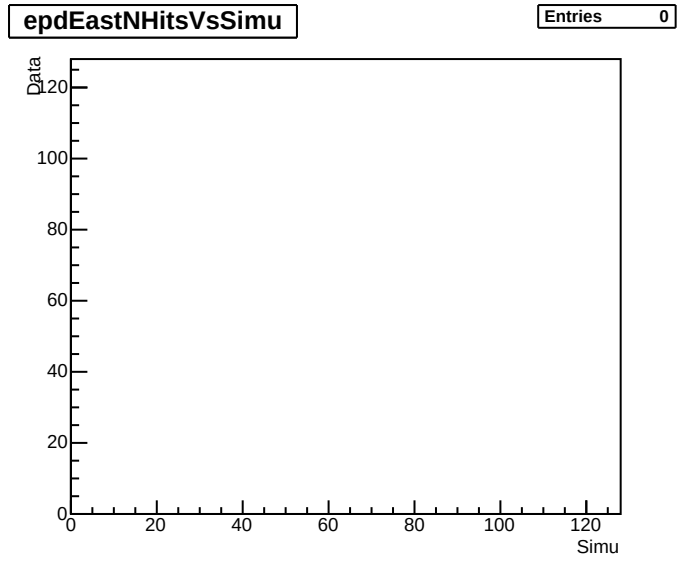

epdEastTac03
Entries 337769


epdEastTac03VsSimu
Entries 0
Data
Simu


epdEastTac47
Entries 337769


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 337769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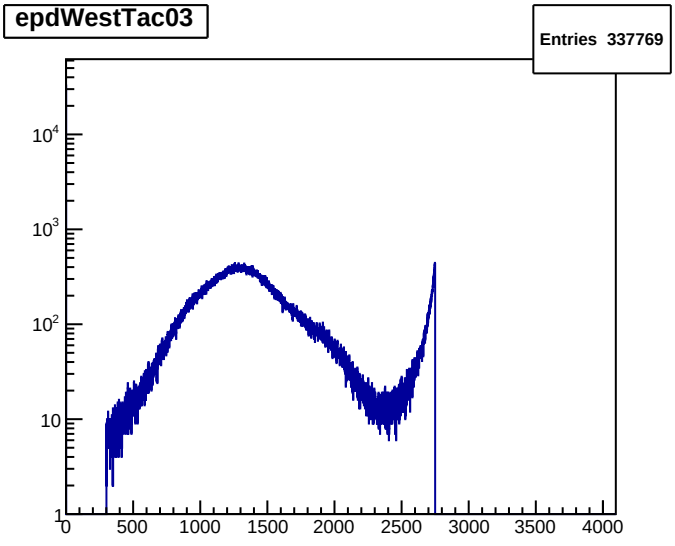
Entries 0
Data
Simu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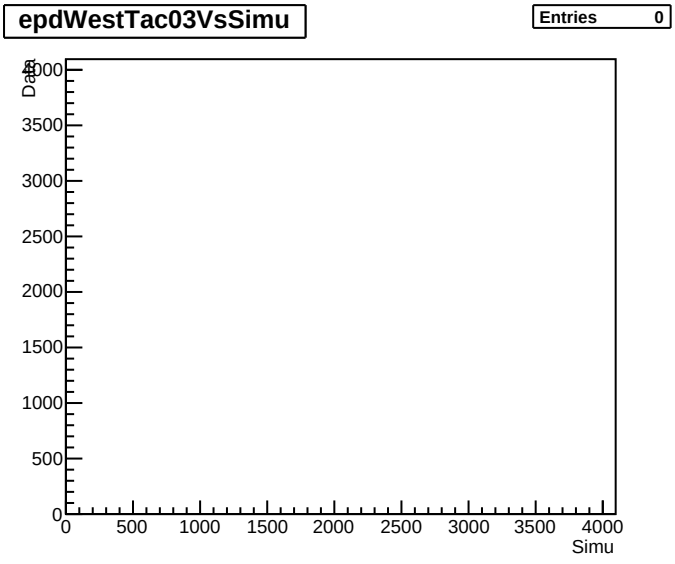
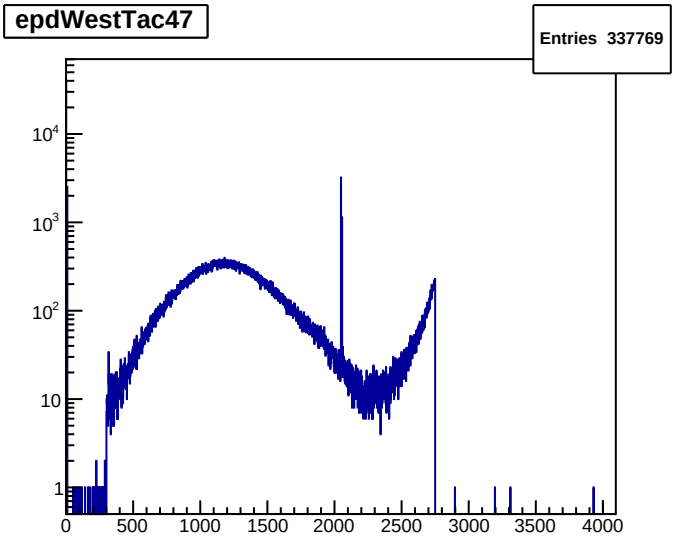
Entries 337769


epdWestTac03VsSimu
Entries 0
Data
Simu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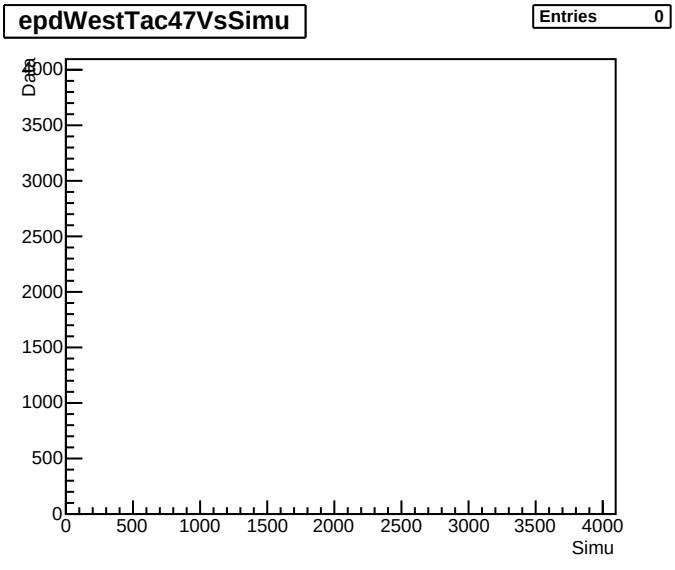
Entries 337769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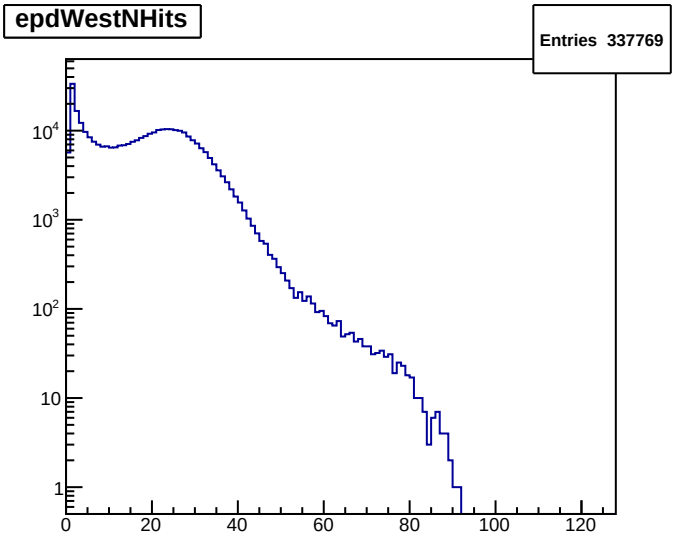
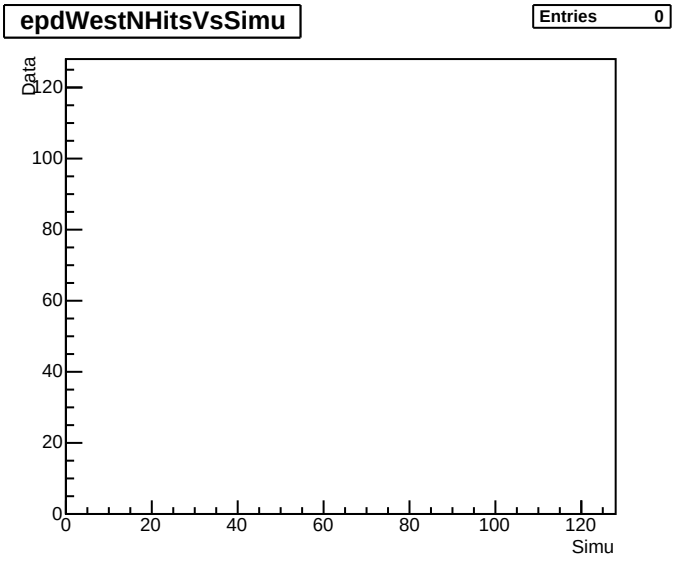
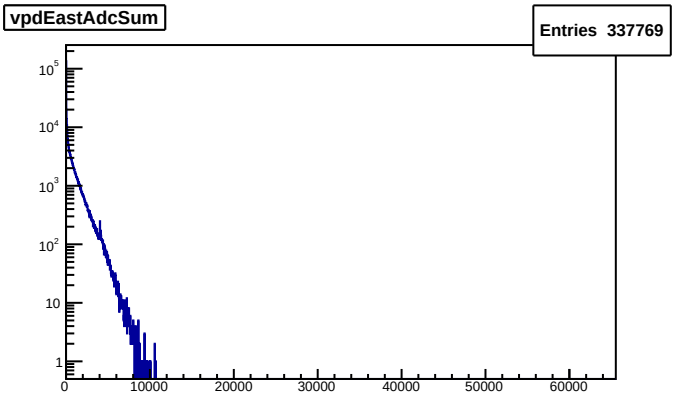
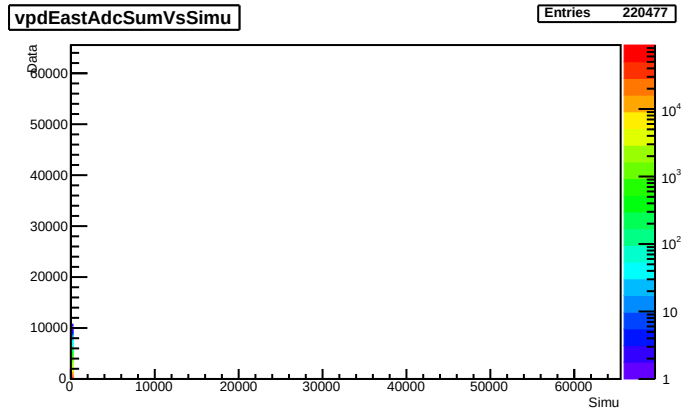
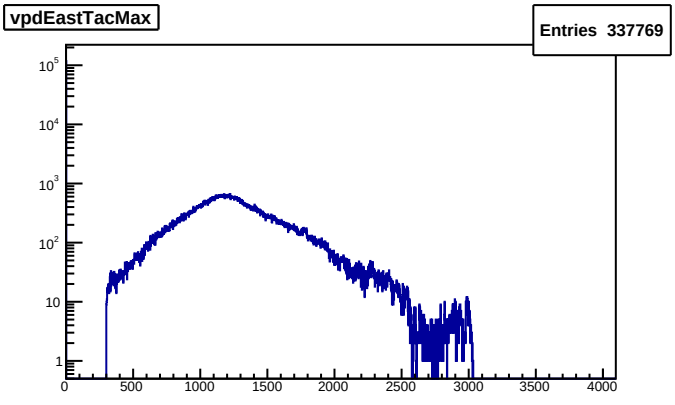
Entries 0
Data
Simu

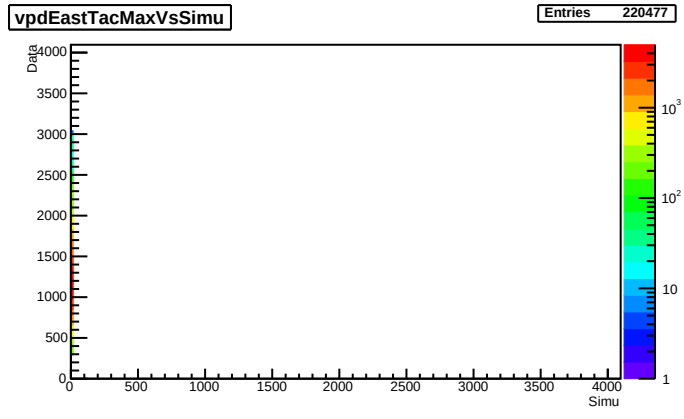

epdWestNHits
Entries 337769

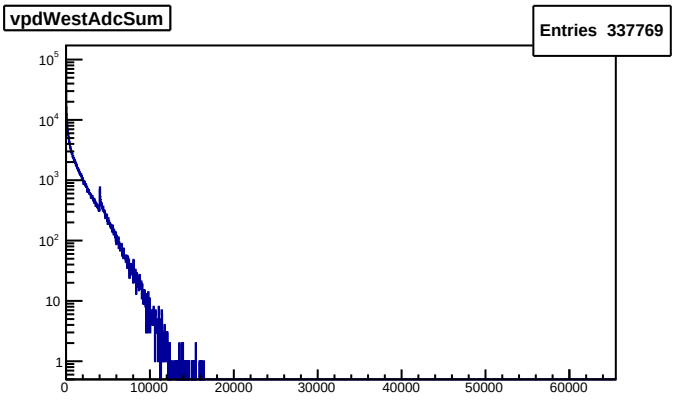

epdWestNHitsVsSimu
Entries 0
Data
Simu

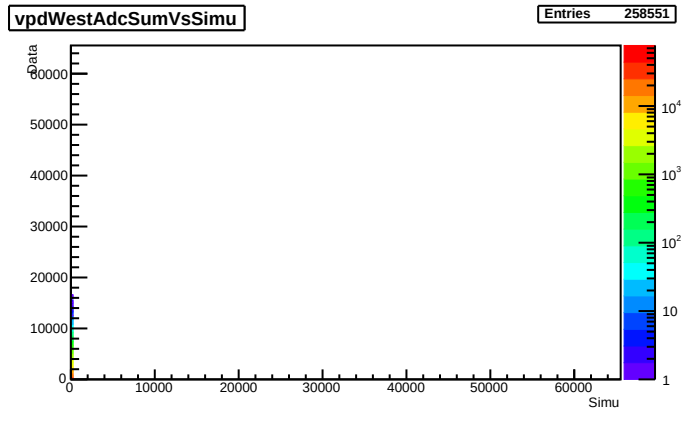

vpdEastAdcSum
Entries 337769

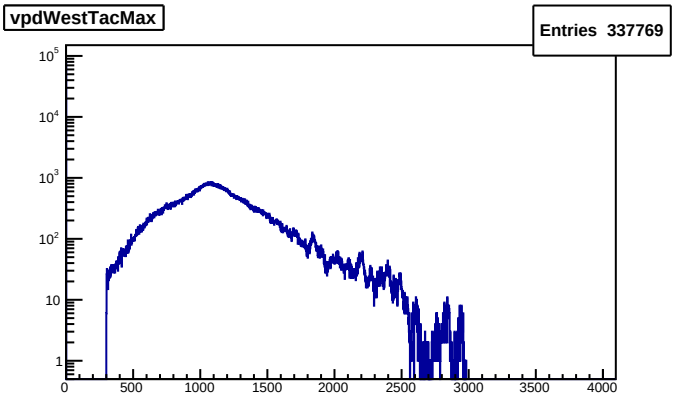

vpdEastAdcSumVsSimu
Entries 220477
Data
Simu

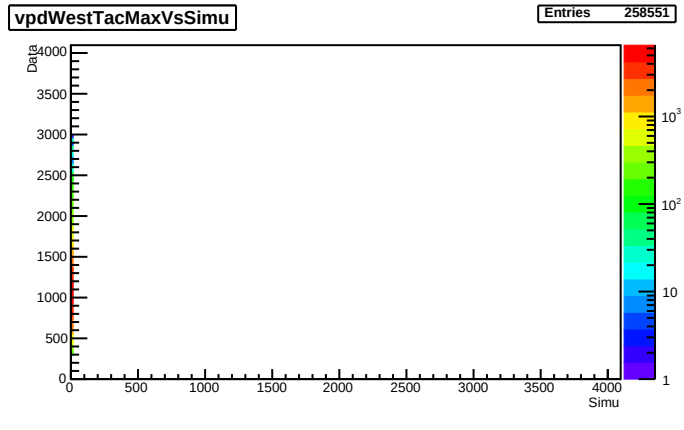

vpdEastTacMax
Entries 337769

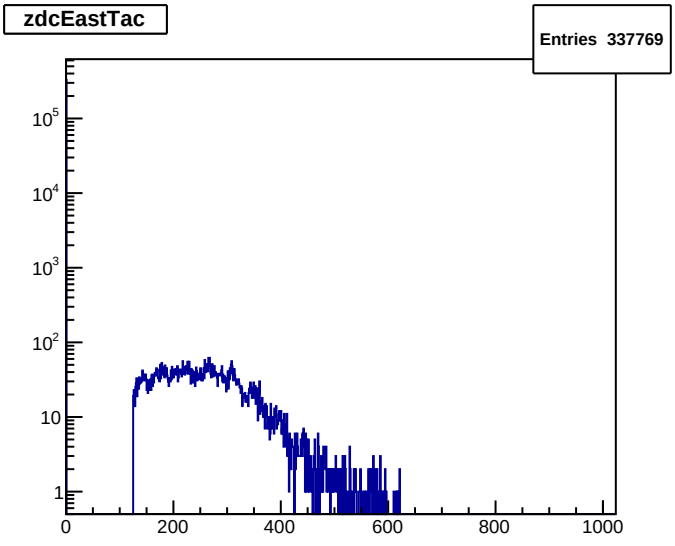

vpdEastTacMaxVsSimu
Entries 220477
Data
Simu

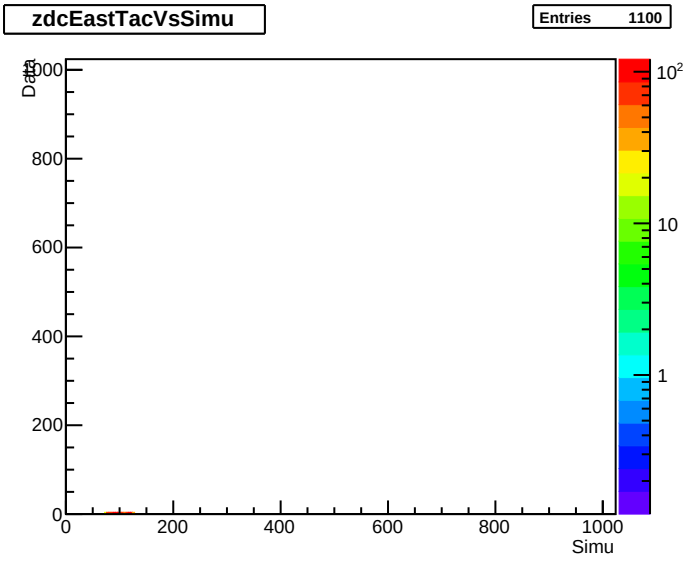

vpdWestAdcSum
Entries 337769

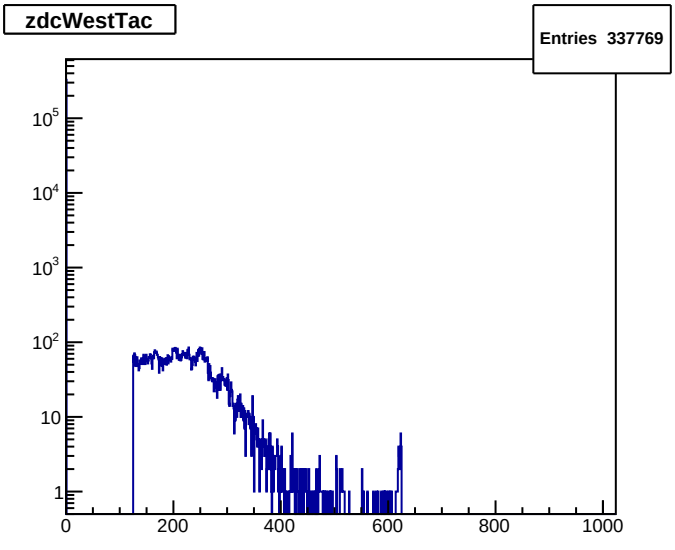

vpdWestAdcSumVsSimu
Entries 258551
Data
Simu

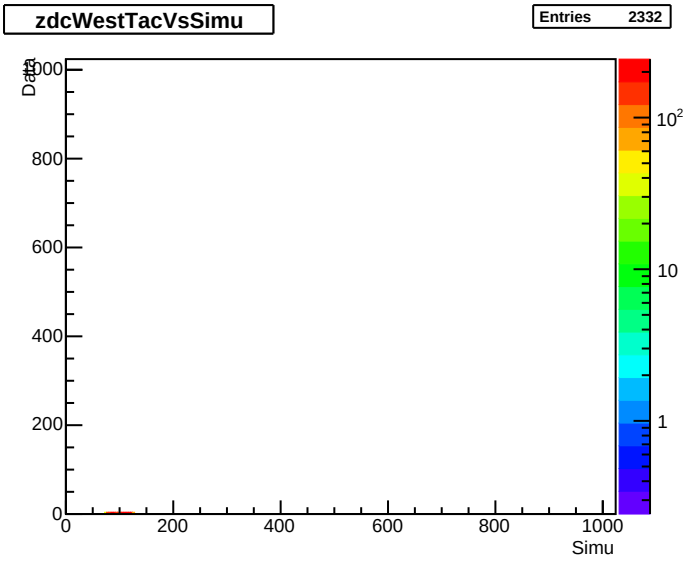

vpdWestTacMax
Entries 337769

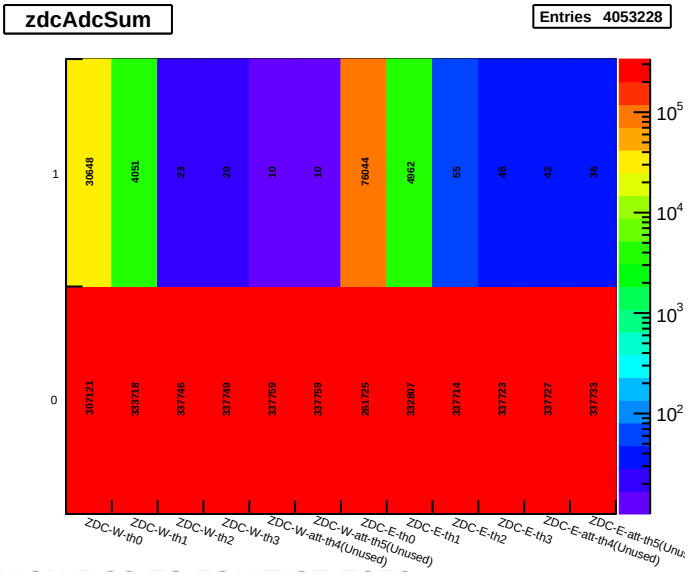

vpdWestTacMaxVsSimu
Entries 258551
Data
Simu

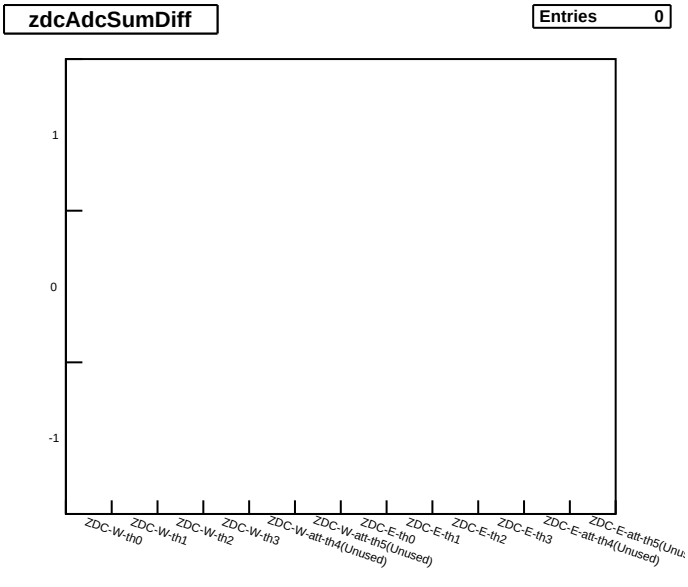

zdcEastTac
Entries 337769

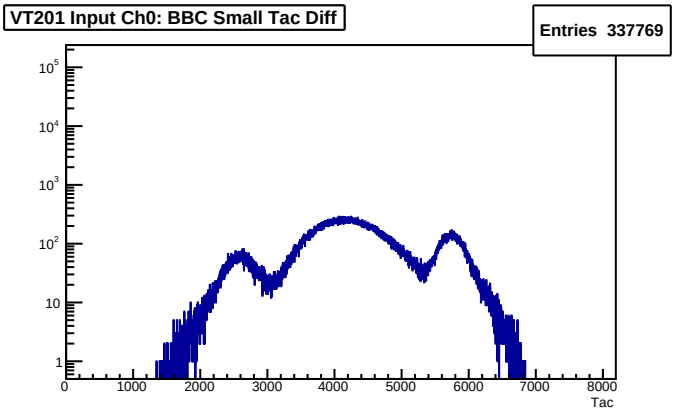

zdcEastTacVsSimu
Entries 1100
Data
Simu

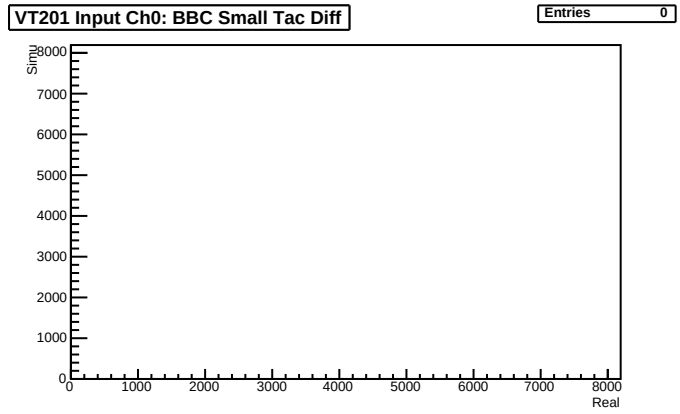

zdcWestTac
Entries 337769

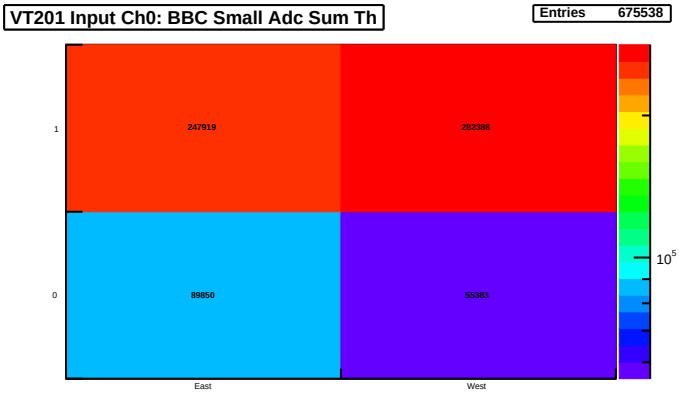

zdcWestTacVsSimu
Entries 2332
Data
Simu

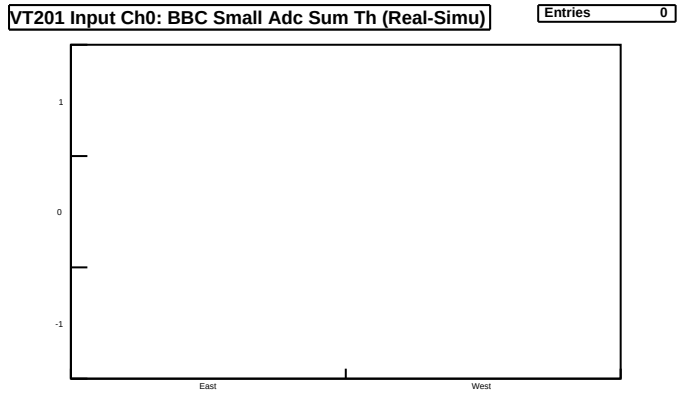

zdcAdcSum
Entries 4053228
30648
4051
23
20
10
10
76044
4962
55
46
42
36
307121
333718
337746
337749
337759
337759
261725
332807
337714
337723
337727
337733
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

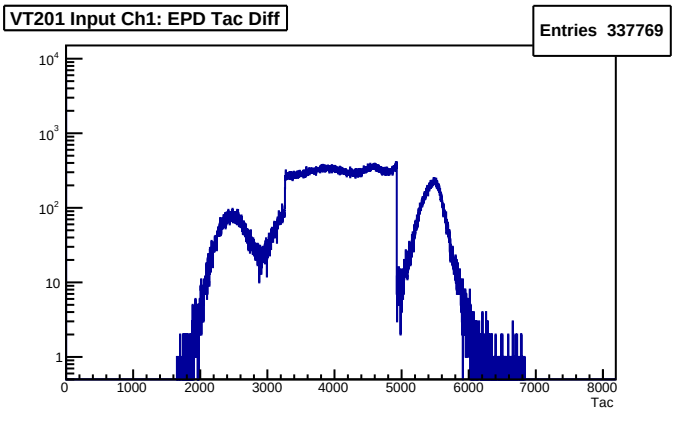

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

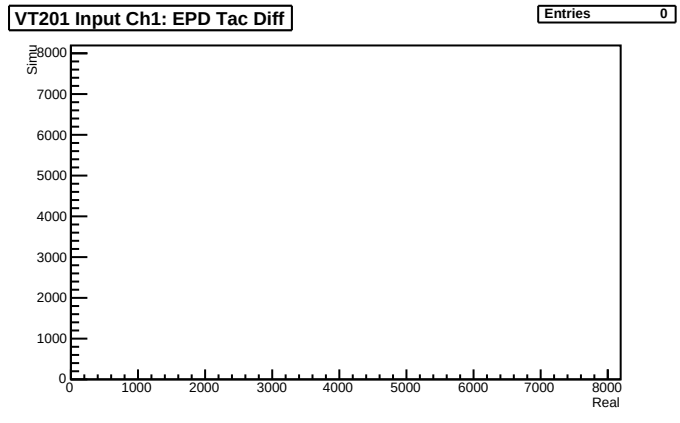

VT201 Input Ch0: BBC Small Tac Diff
Entries 337769
Tac

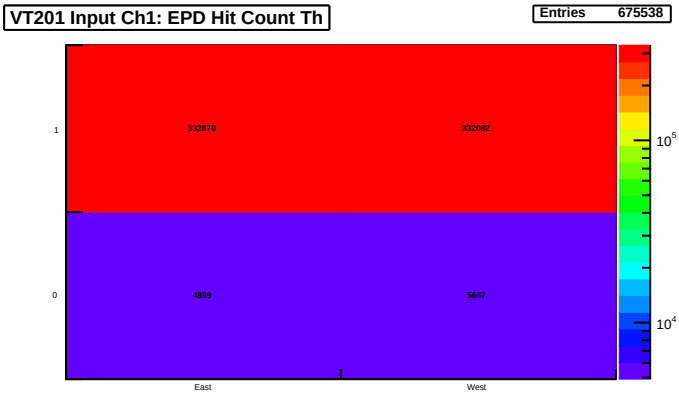

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

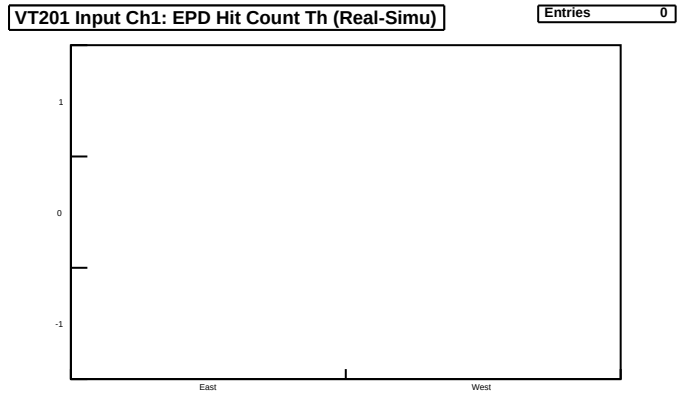

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 675538
247919
282386
89850
55383
East
West

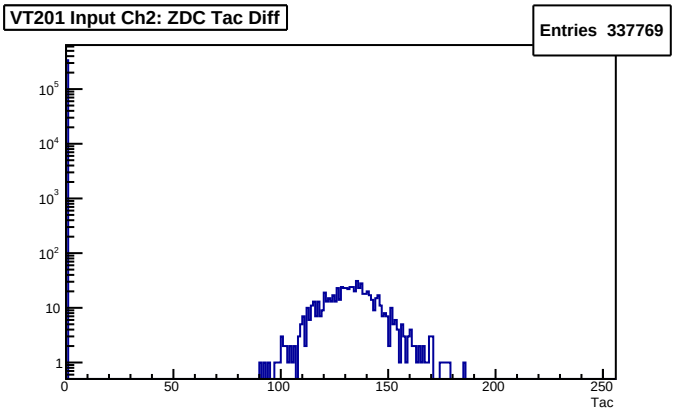

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

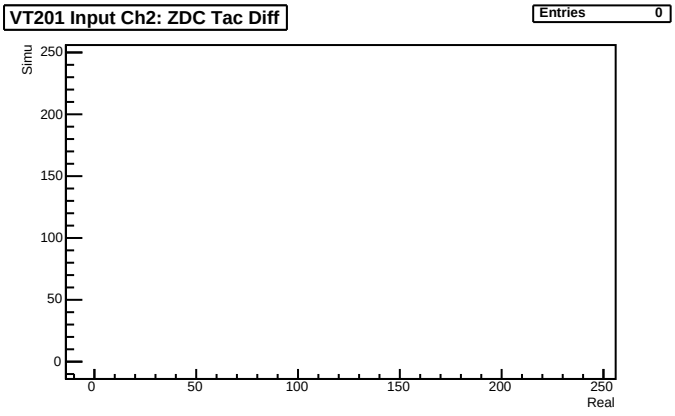

VT201 Input Ch1: EPD Tac Diff
Entries 337769
Tac

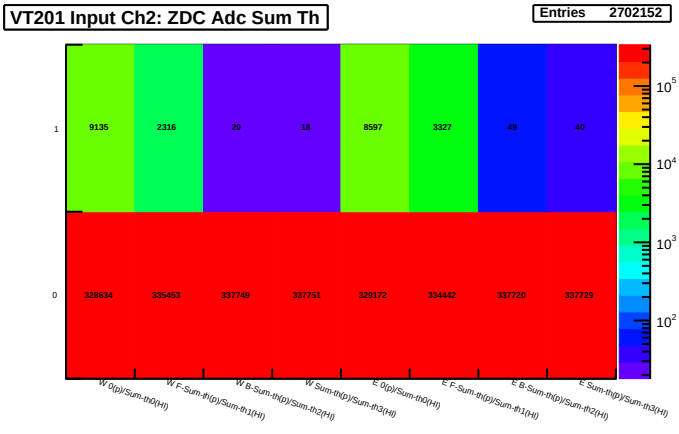

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

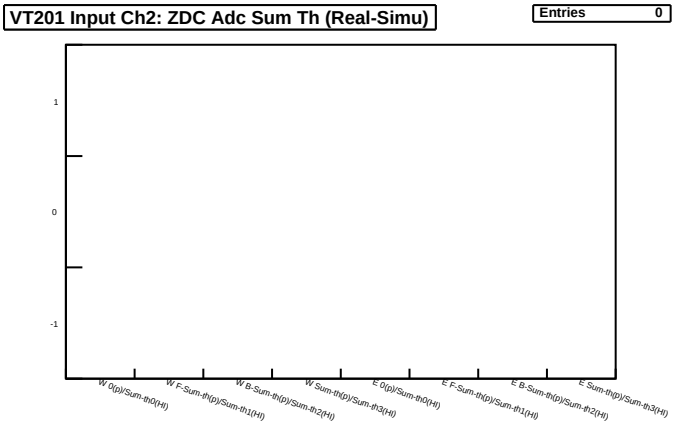

VT201 Input Ch1: EPD Hit Count Th
Entries 675538
332870
332082
4899
5687
East
West

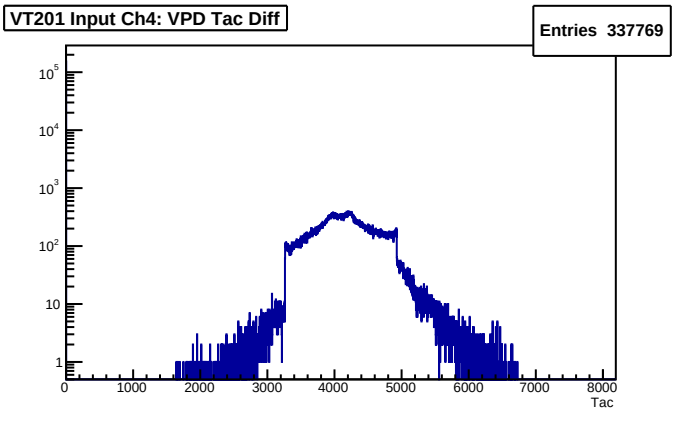

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

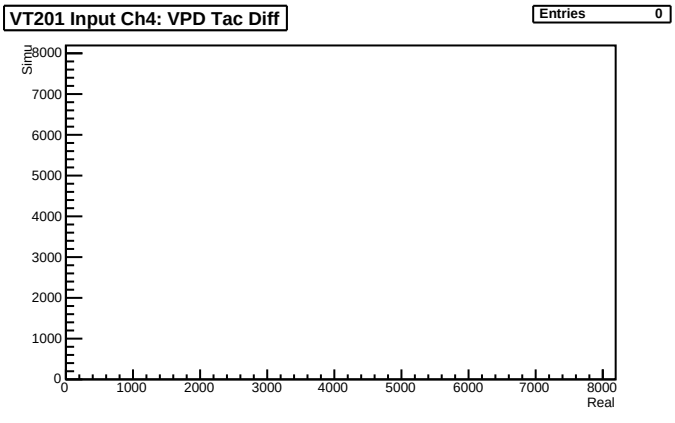

VT201 Input Ch2: ZDC Tac Diff
Entries 337769
Tac

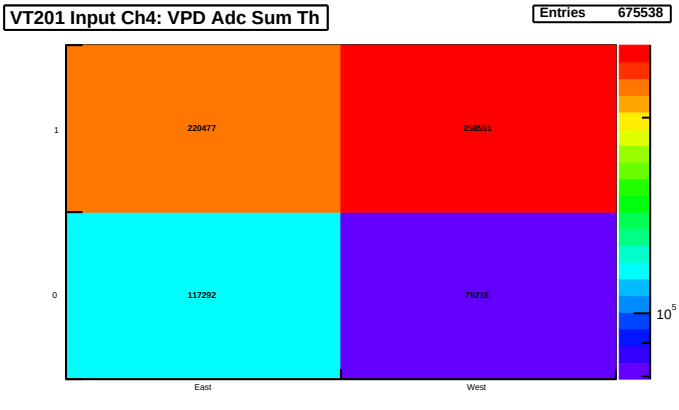

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

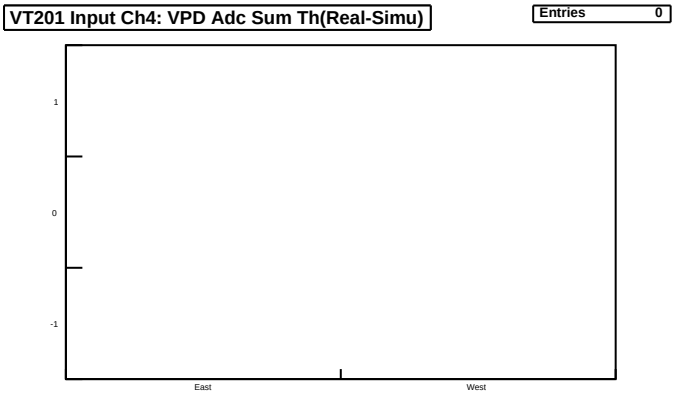

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2702152
9135
2316
20
18
8597
3327
49
40
328634
335453
337749
337751
329172
334442
337720
337729
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

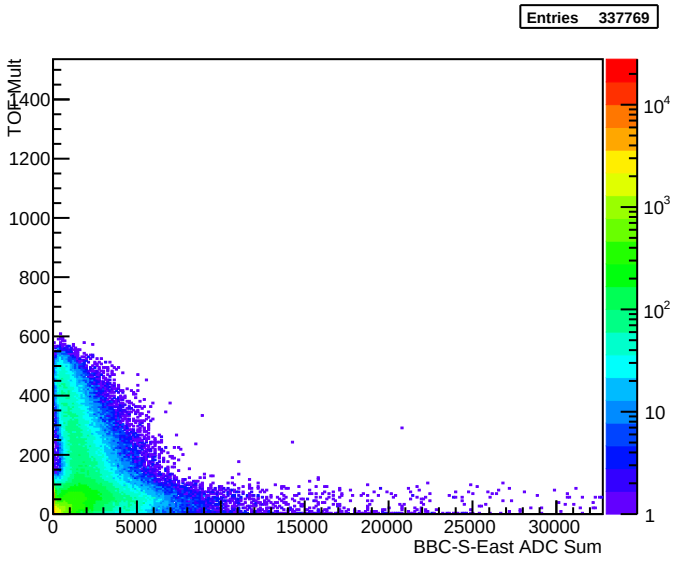

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

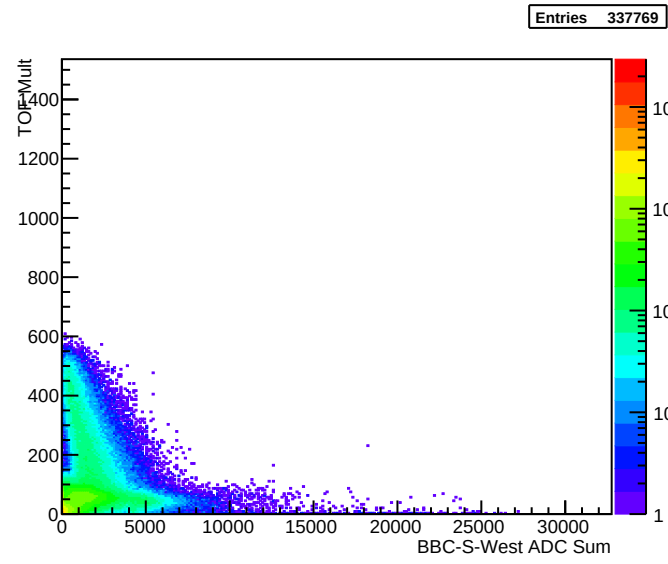

VT201 Input Ch4: VPD Tac Diff
Entries 337769
Tac

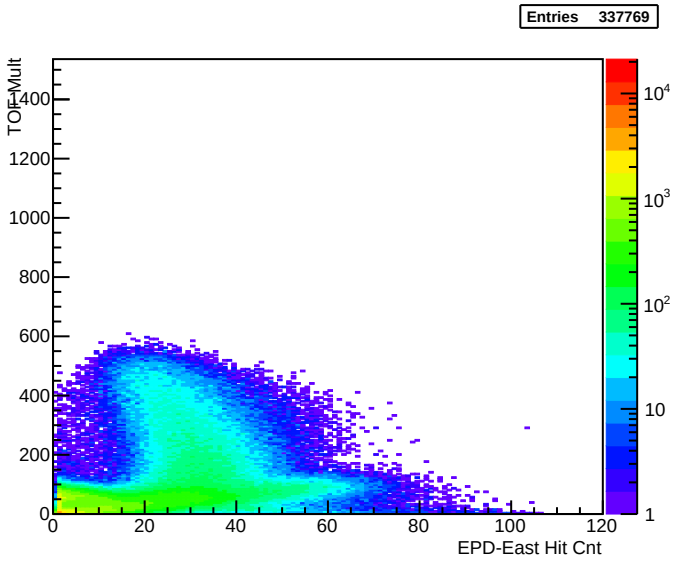

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

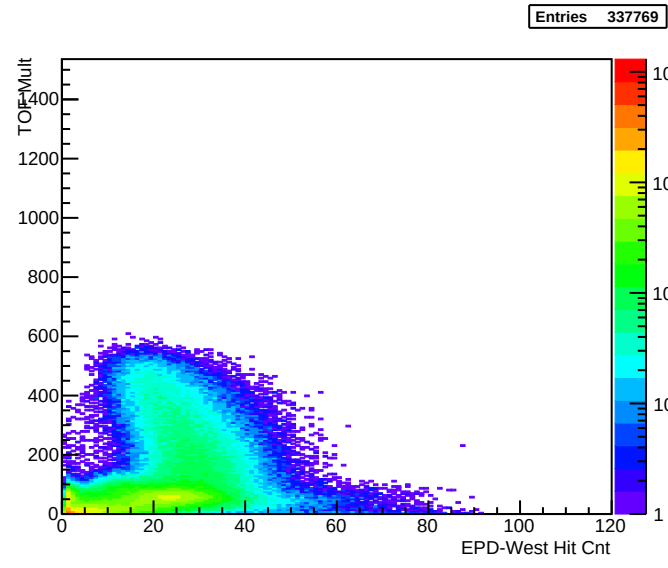

VT201 Input Ch4: VPD Adc Sum Th
Entries 675538
220477
258551
117292
79218
East
West

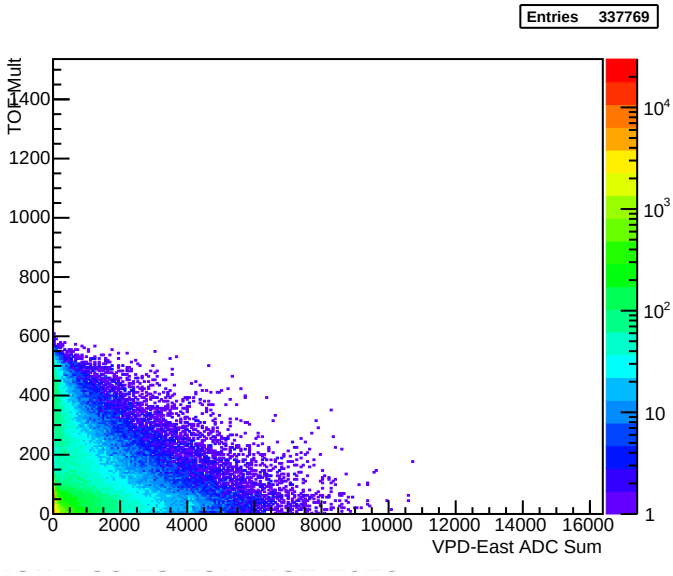

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

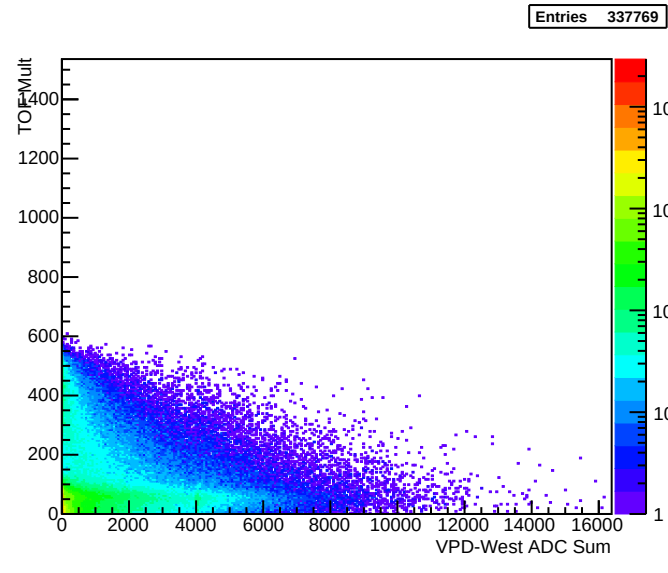

Entries 337769
TOF-Mult
BBC-S-East ADC Sum

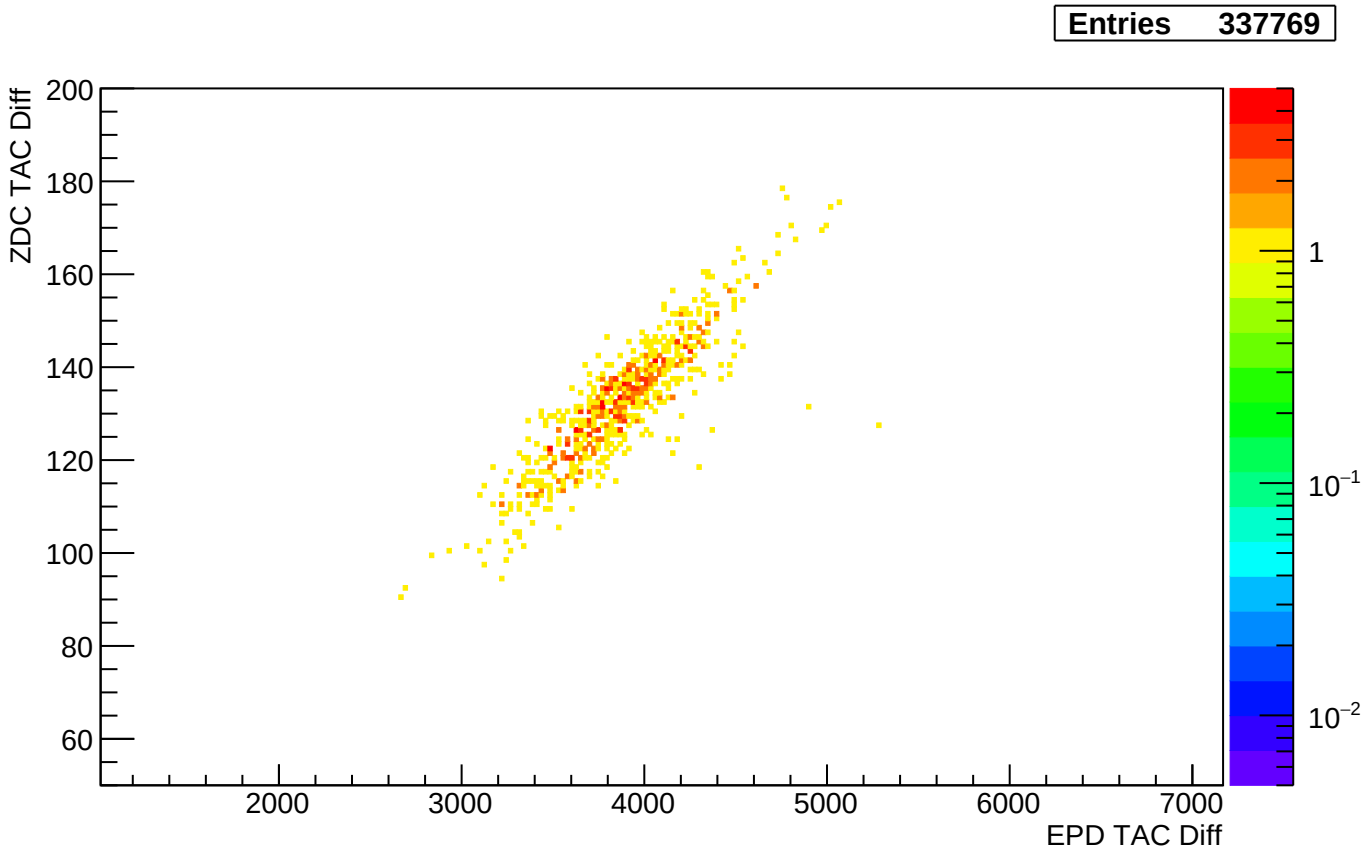

Entries 337769
TOF-Mult
BBC-S-West ADC Sum

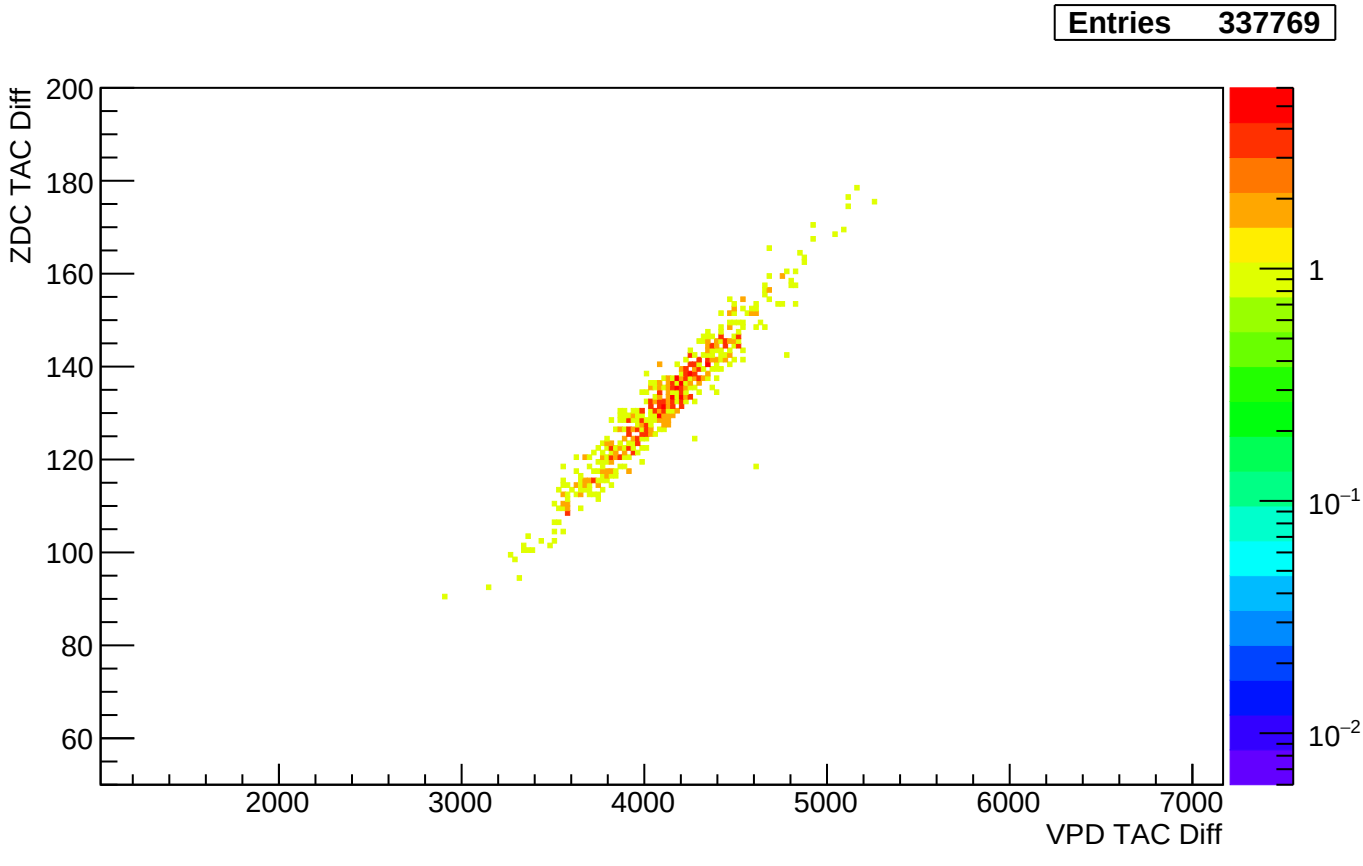

Entries 337769
TOF-Mult
EPD-East Hit Cnt

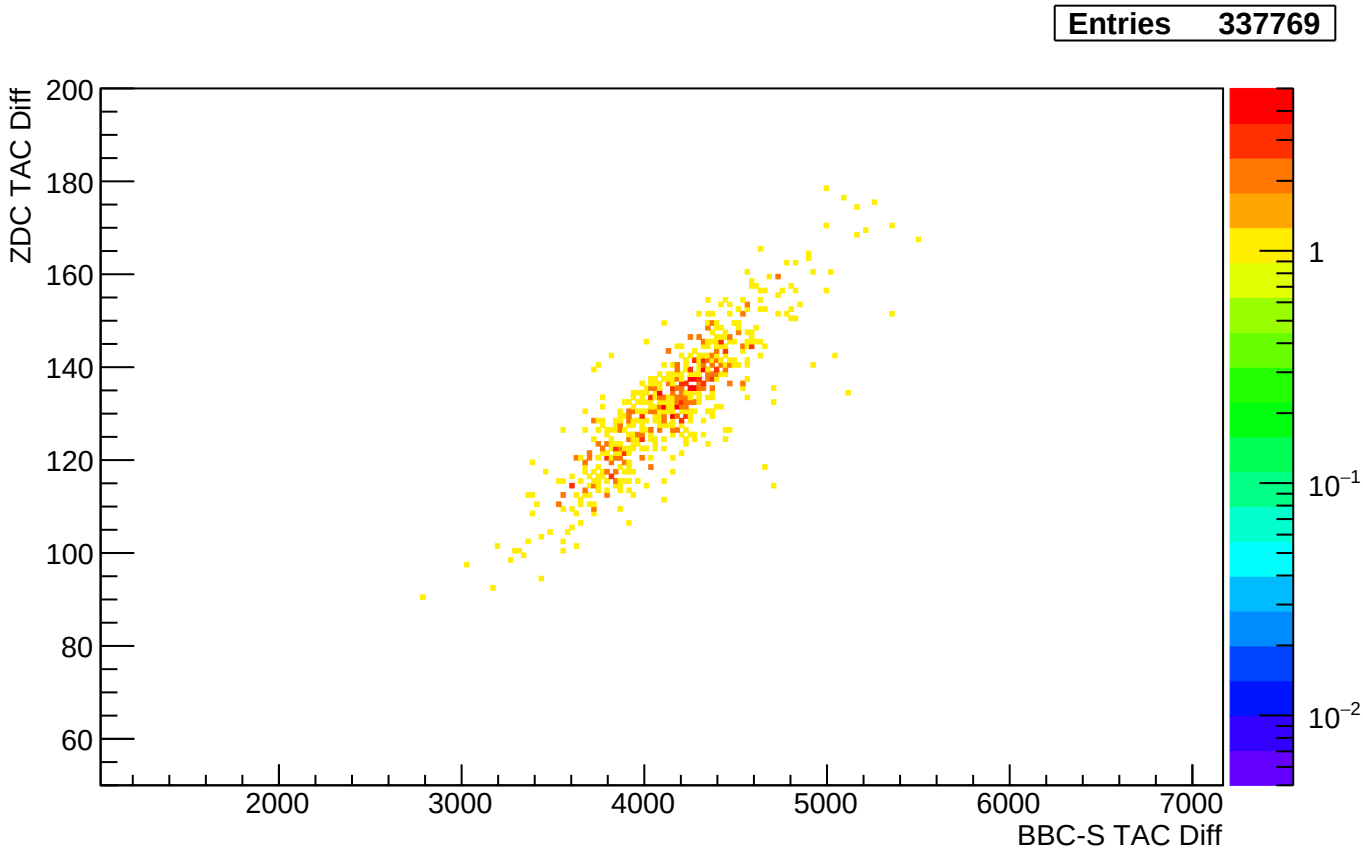

Entries 337769
TOF-Mult
EPD-West Hit Cnt

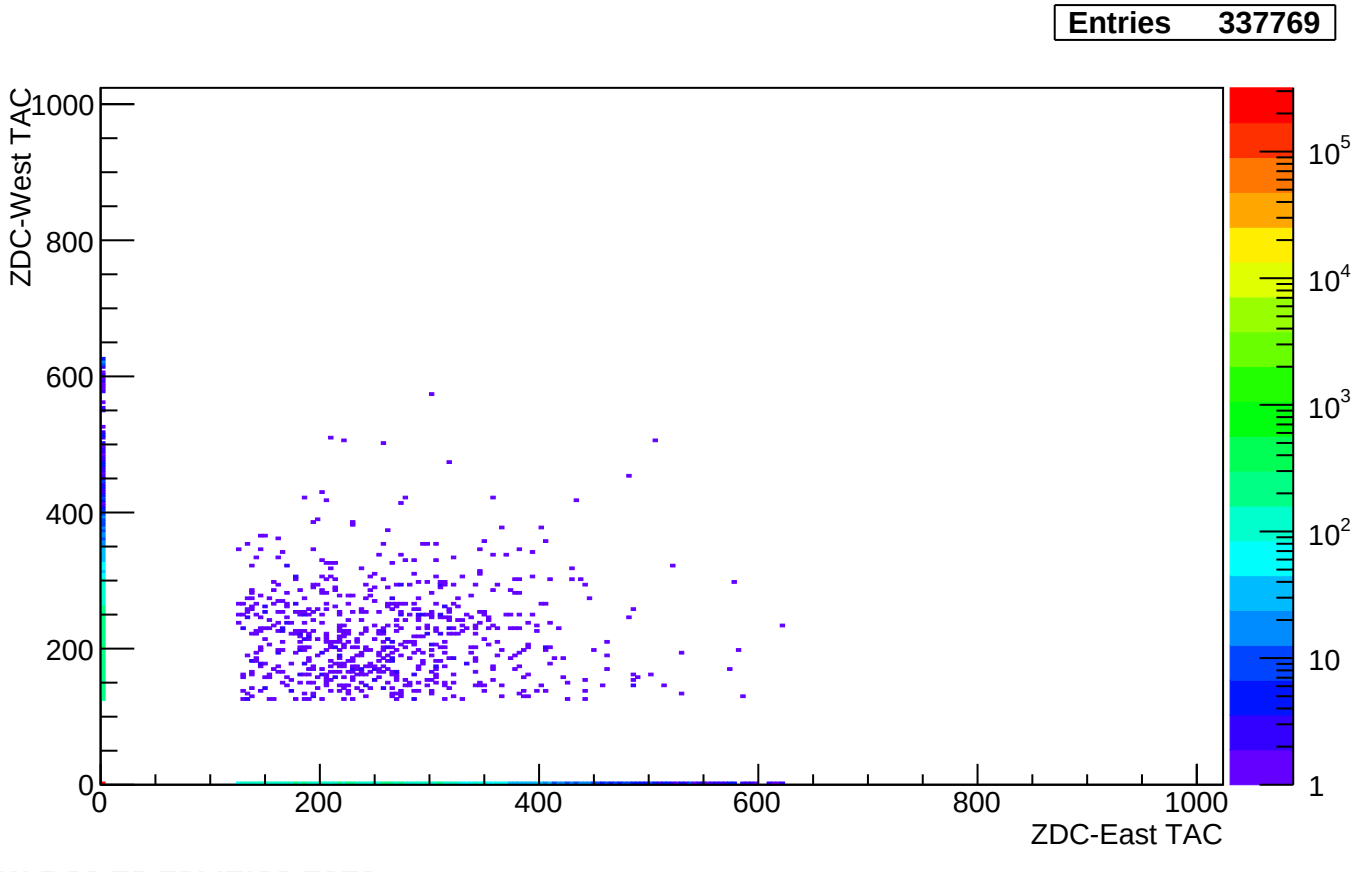

Entries 337769
TOF-Mult
VPD-East ADC Sum

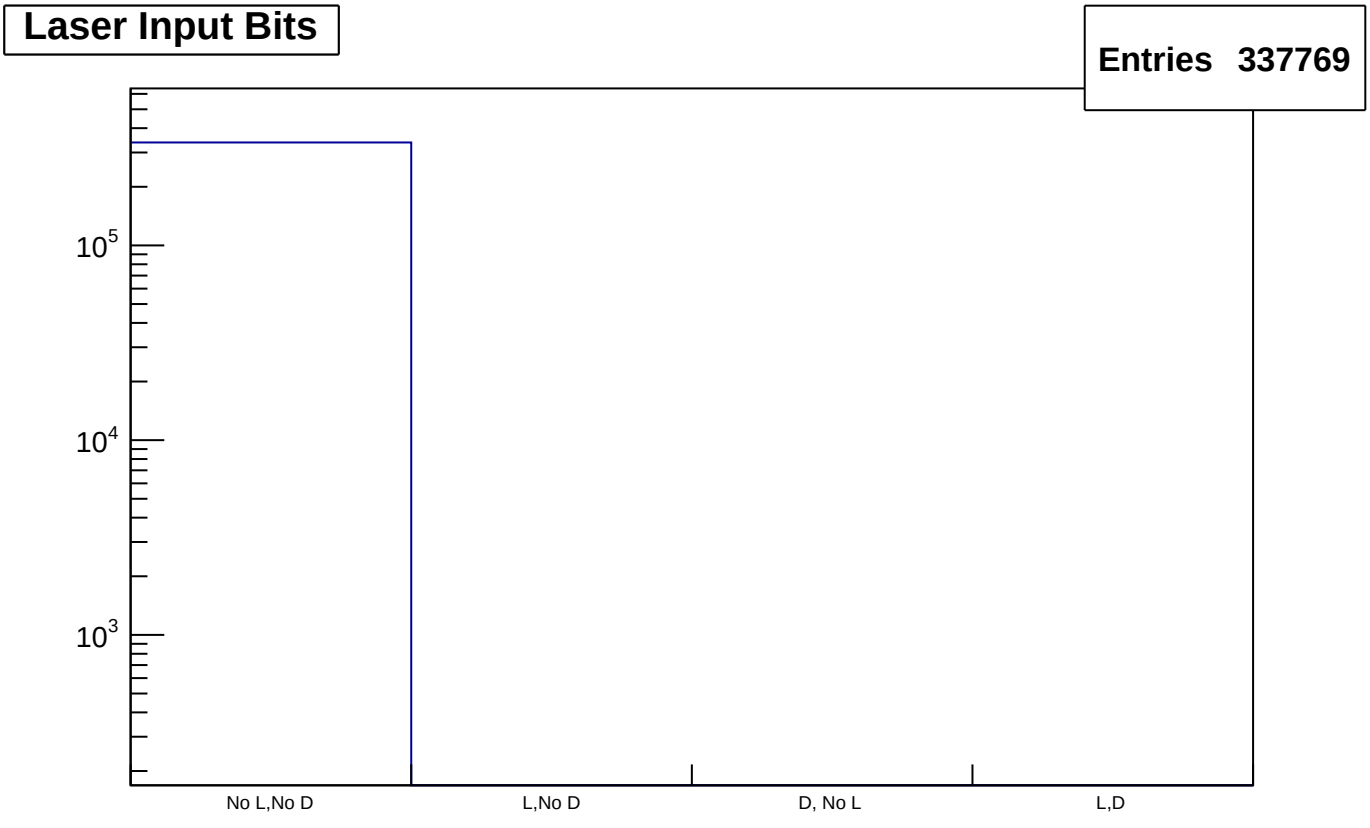

Entries 337769
TOF-Mult
VPD-West ADC Sum

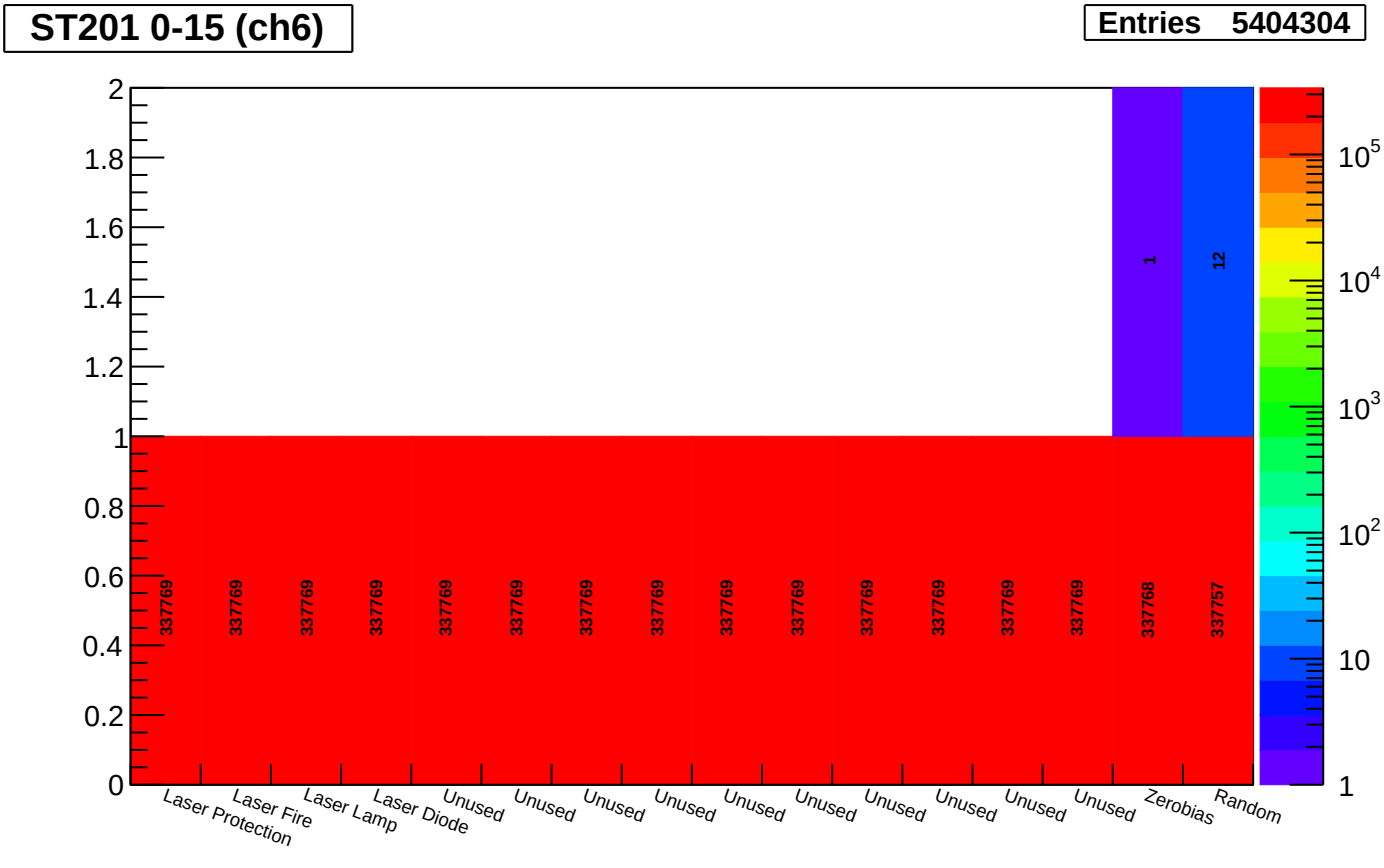

Entries 337769
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

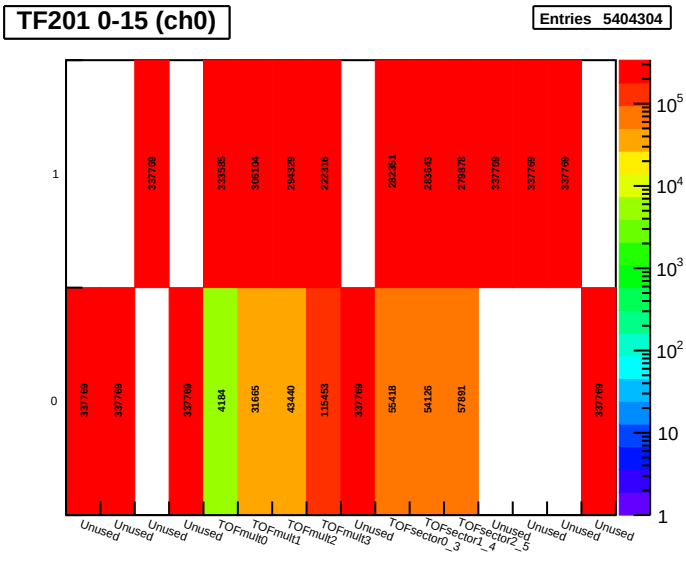

Entries 337769
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

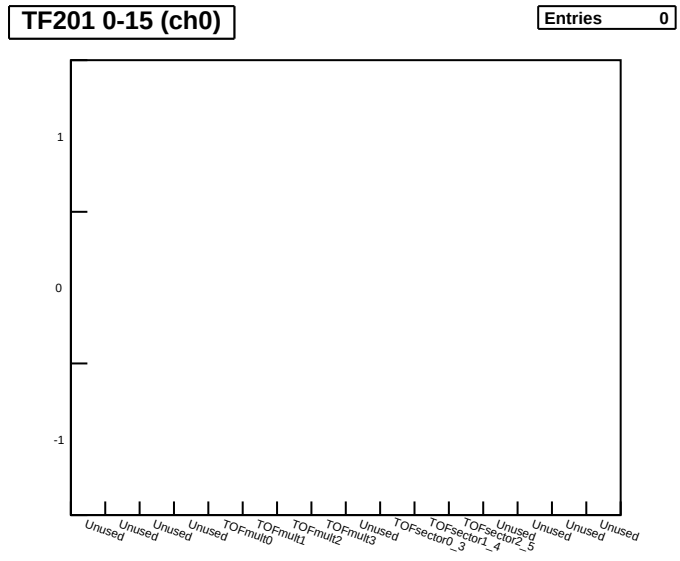

Entries 337769
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

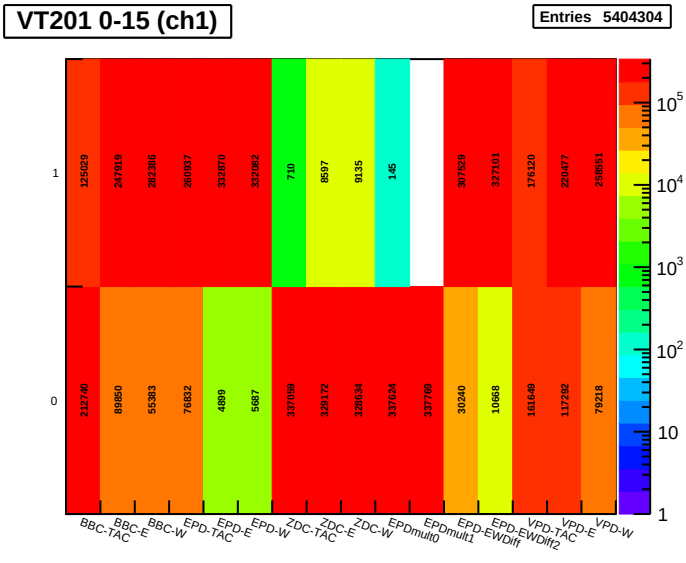

Entries 337769
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

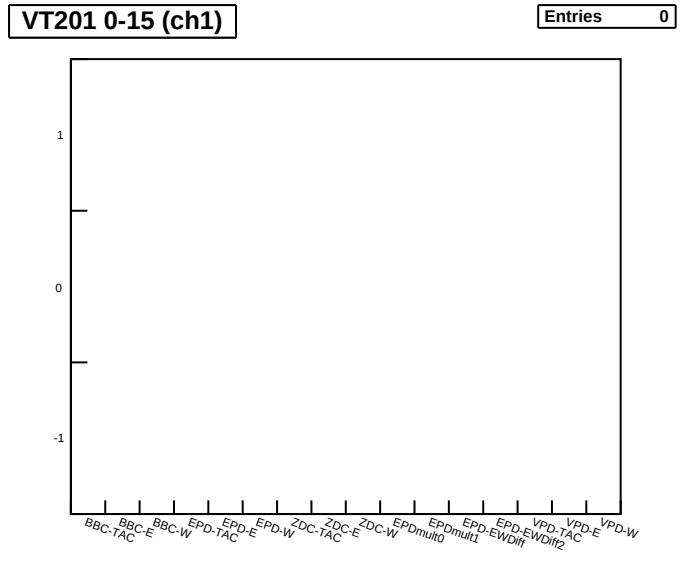

Laser Input Bits
Entries 337769
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

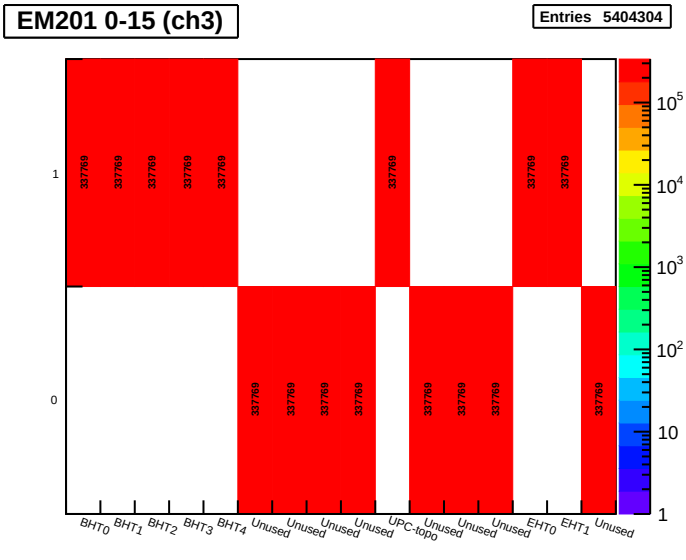

ST201 0-15 (ch6)
Entries 5404304
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337768
337757
1
12
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

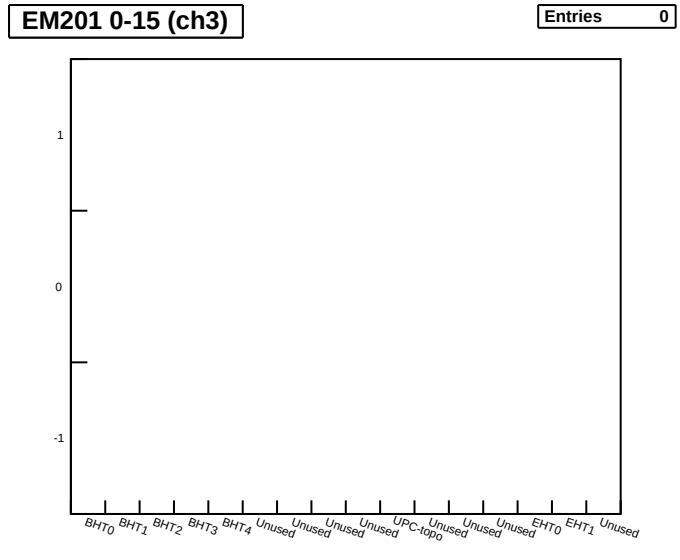

TF201 0-15 (ch0)
Entries 5404304
1
0
337769
333585
306104
294329
222316
282351
283643
279878
337769
337769
337769
337769
337769
4184
31665
43440
115453
337769
55418
54126
57891
337769
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5404304
1
0
125029
247919
282386
260937
332870
332082
710
8597
9135
145
307529
327101
176120
220477
258551
212740
89850
55383
76832
4899
5687
337059
329172
328634
337624
337769
30240
10668
161649
117292
79218
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 5404304
1
0
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
337769
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