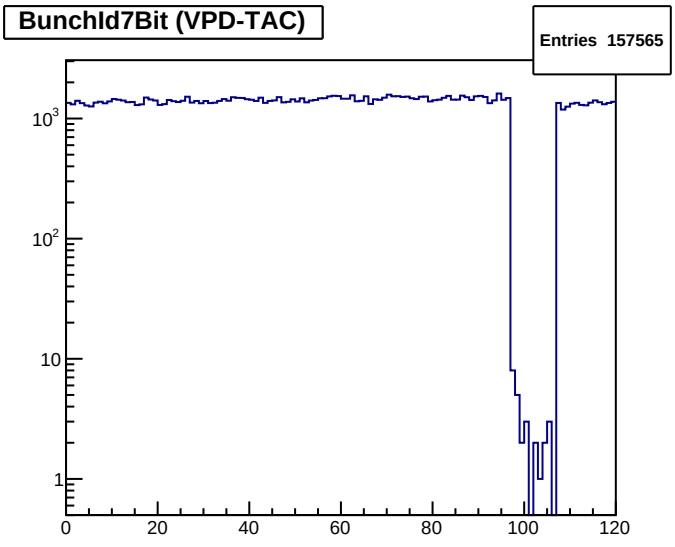
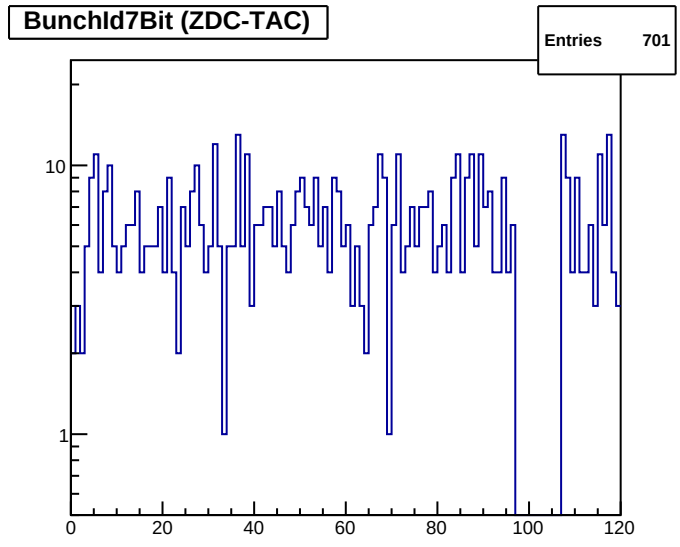
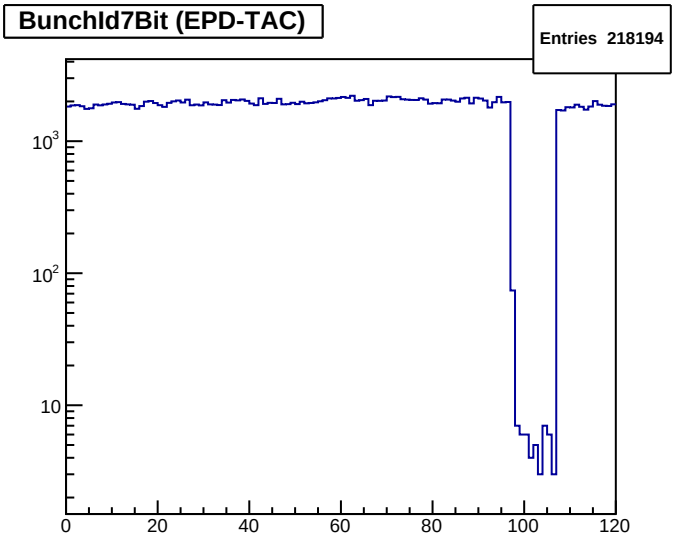
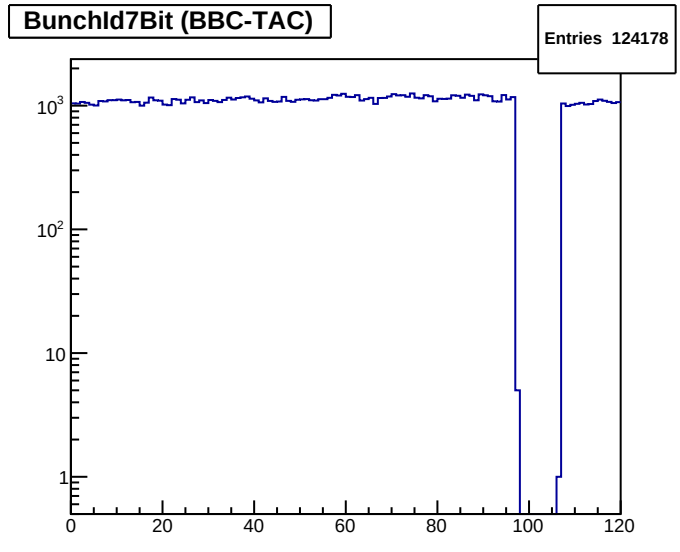
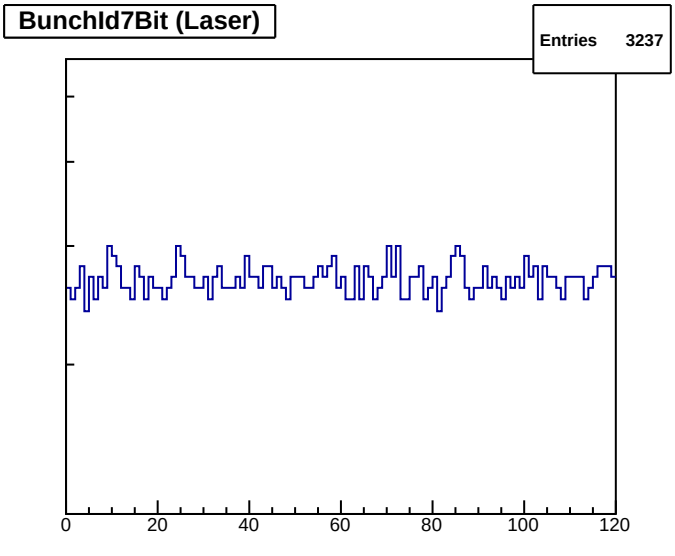
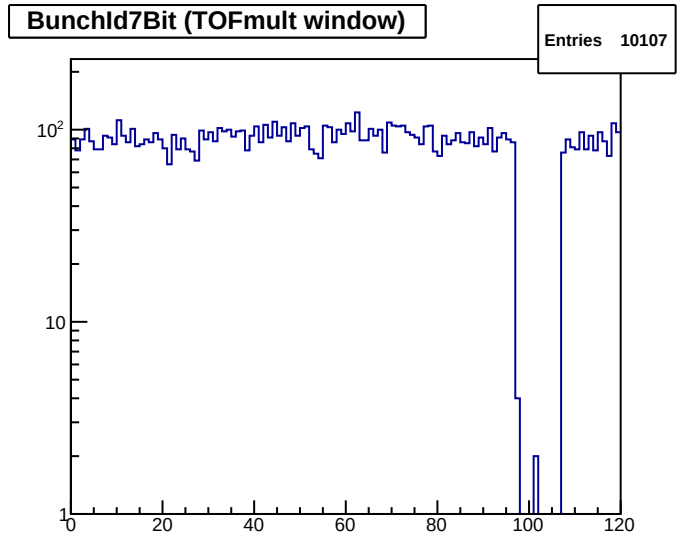

BunchId7Bit (VPD-TAC)
Entries 157565

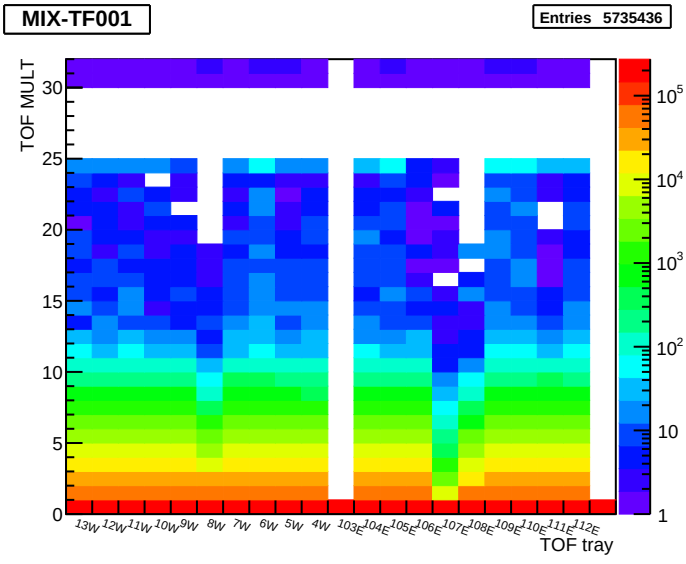

BunchId7Bit (ZDC-TAC)
Entries 701

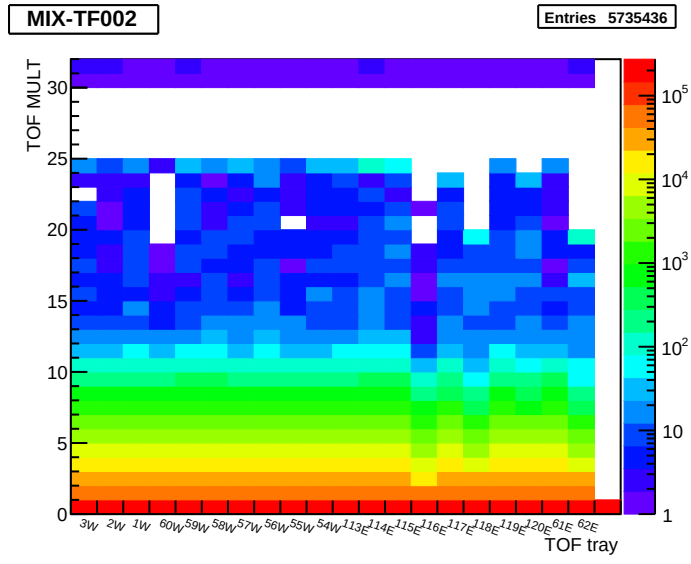

BunchId7Bit (EPD-TAC)
Entries 218194

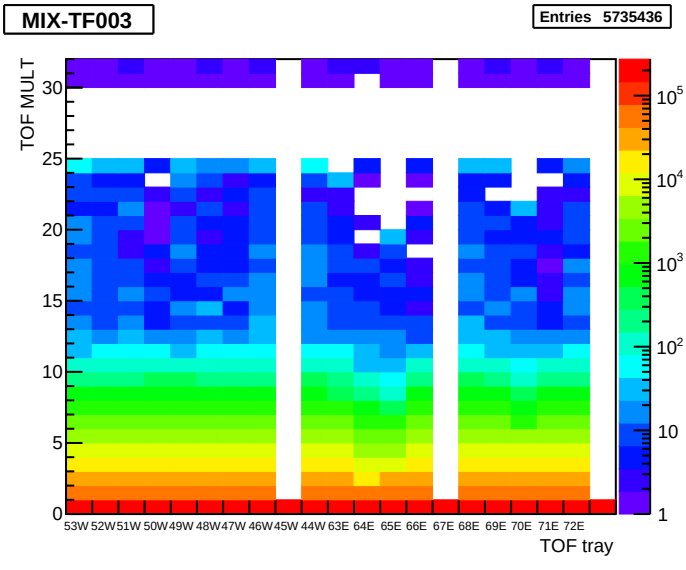

BunchId7Bit (BBC-TAC)
Entries 124178

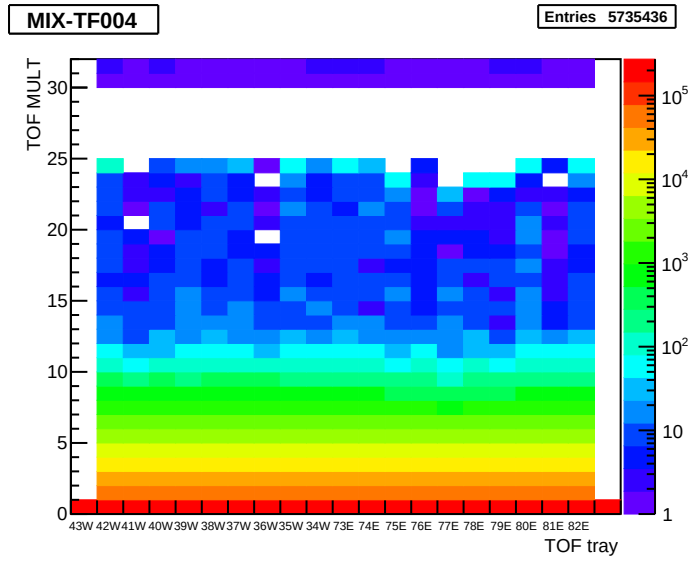

BunchId7Bit (Laser)
Entries 3237

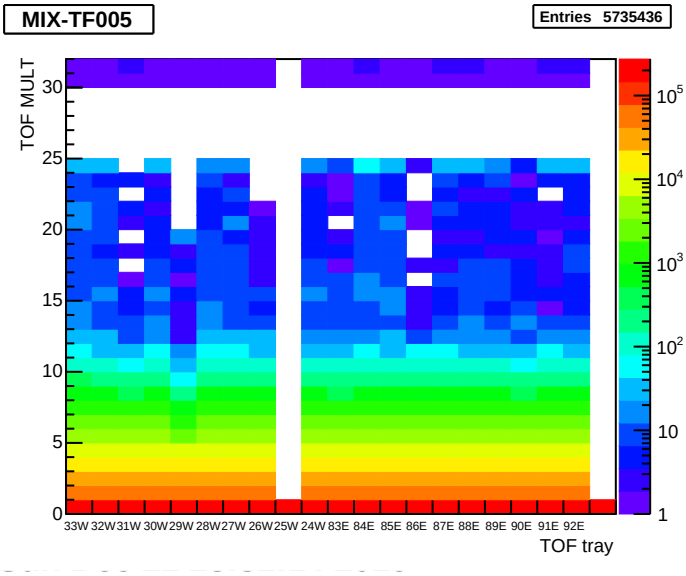

BunchId7Bit (TOFmult window)
Entries 10107

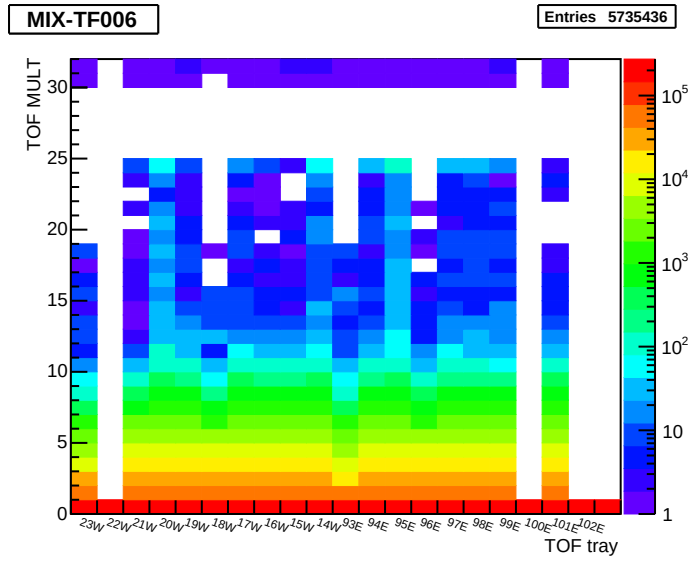

MIX-TF001
Entries 5735436
TOF MULT
TOF tray

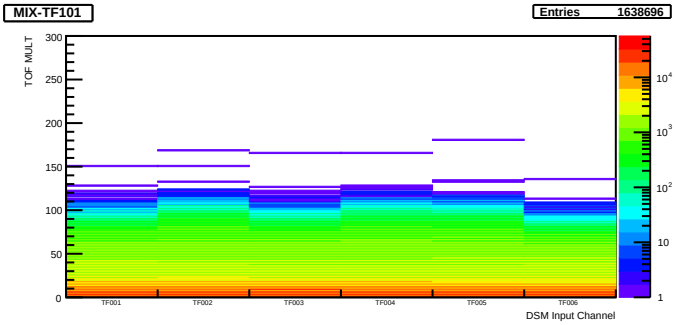

MIX-TF002
Entries 5735436
TOF MULT
TOF tray

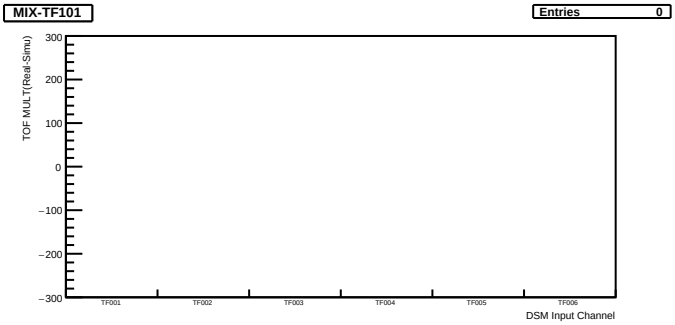

MIX-TF003
Entries 5735436
TOF MULT
TOF tray

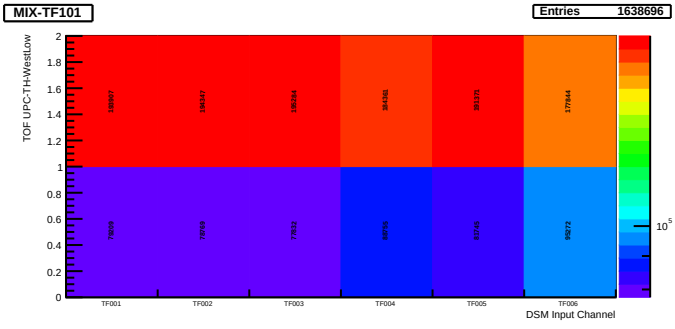

MIX-TF004
Entries 5735436
TOF MULT
TOF tray

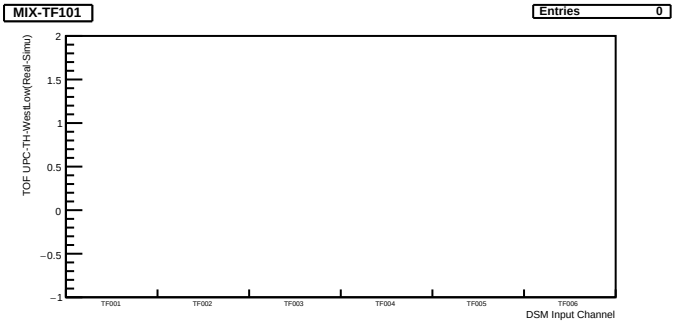

MIX-TF005
Entries 5735436
TOF MULT
TOF tray

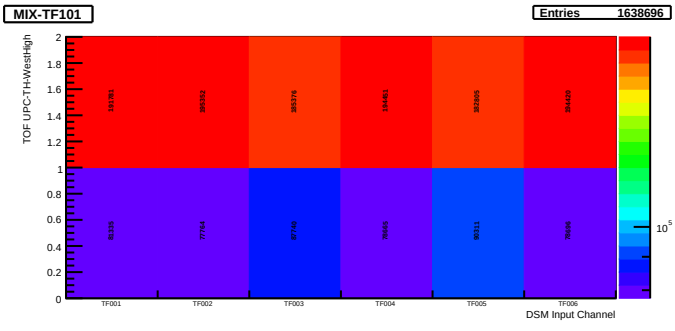

MIX-TF006
Entries 5735436
TOF MULT
TOF tray

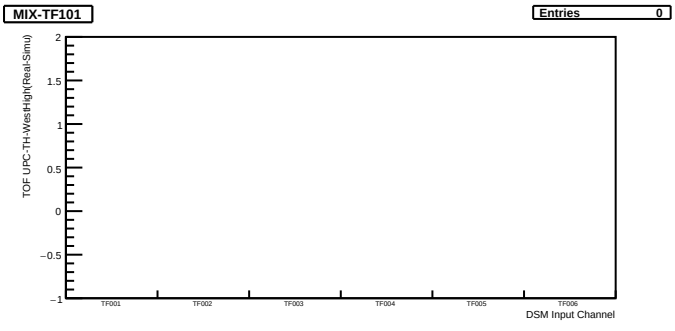

MIX-TF101
Entries 1638696
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

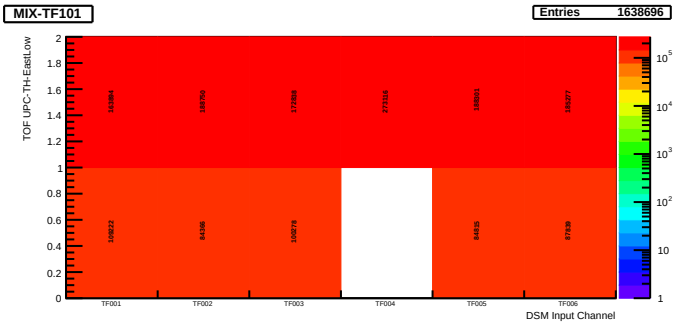

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

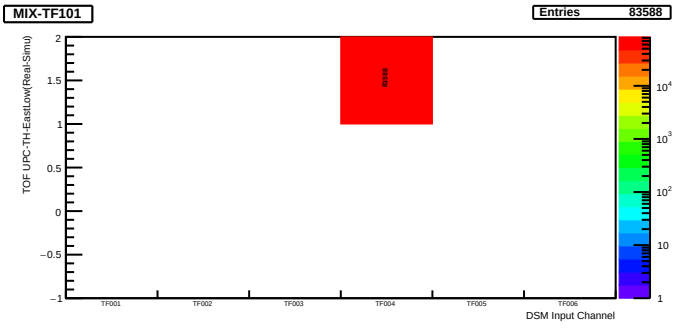

MIX-TF101
Entries 1638696
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

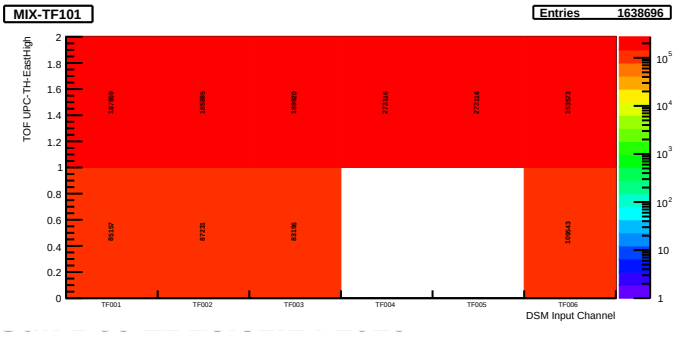

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

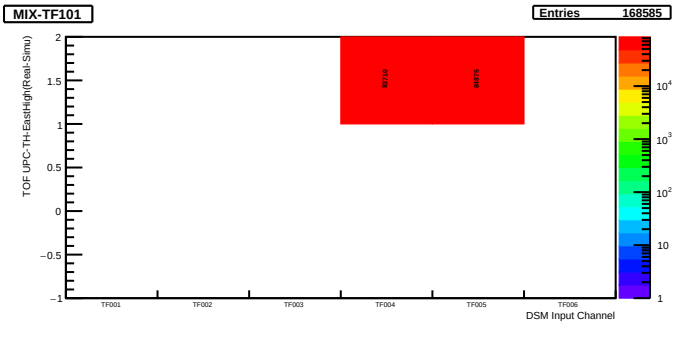

MIX-TF101
Entries 1638696
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

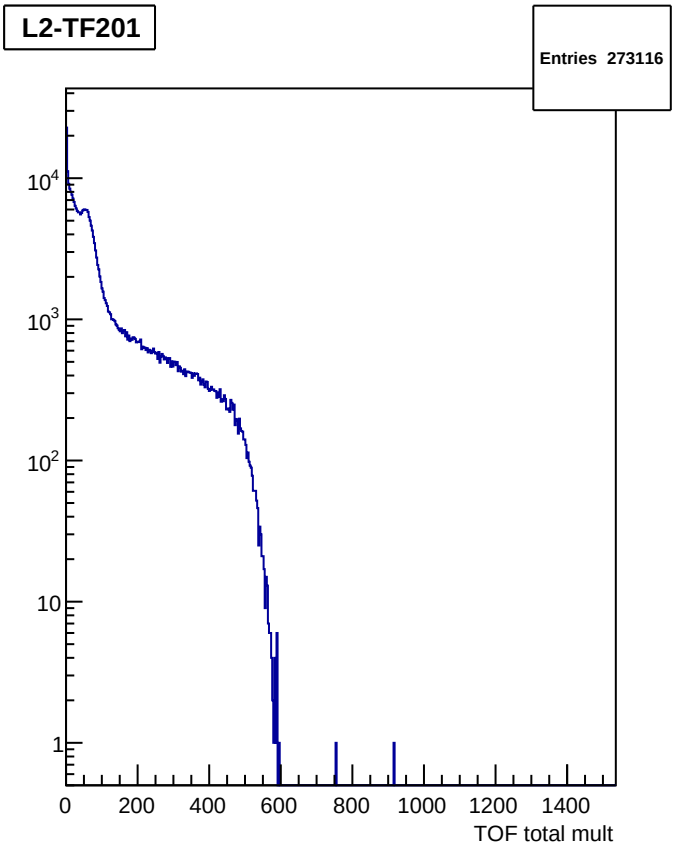

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

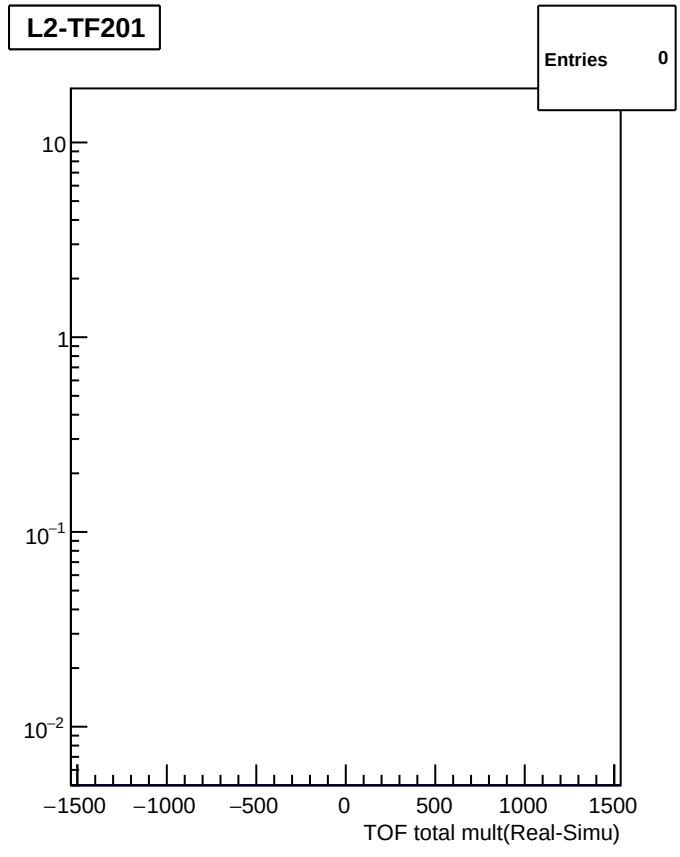

MIX-TF101
Entries 1638696
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

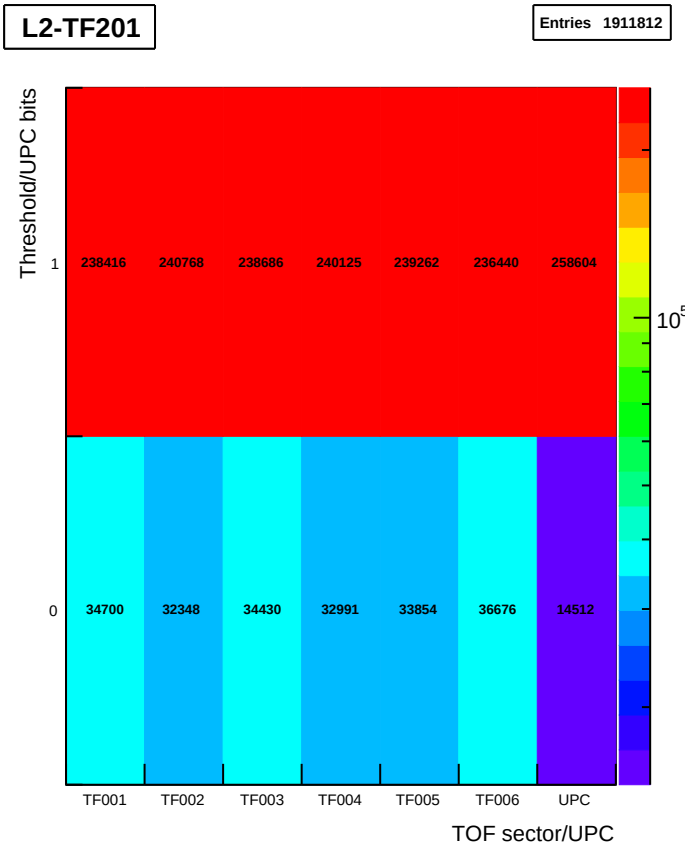

MIX-TF101
Entries 83588
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

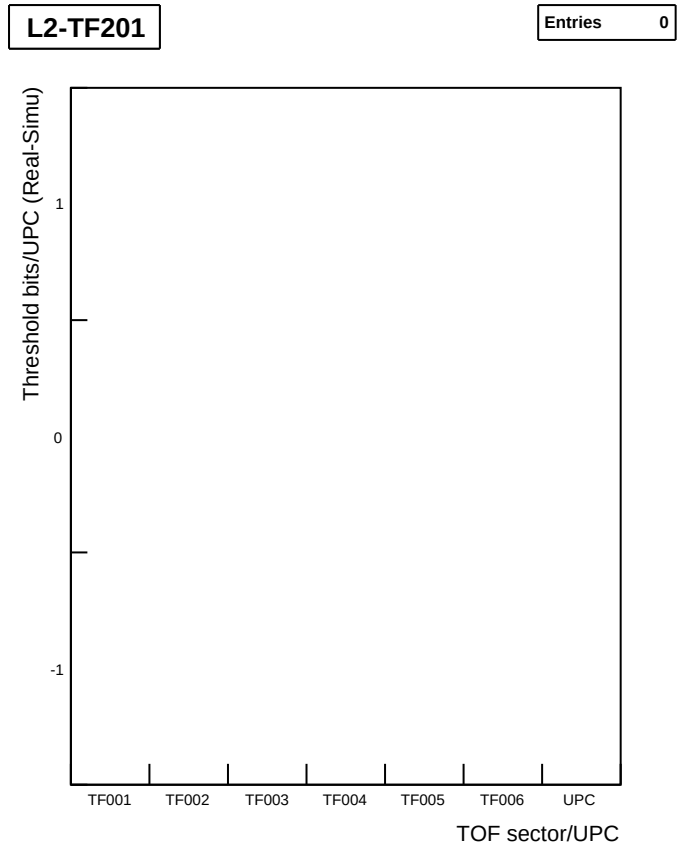

MIX-TF101
Entries 1638696
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

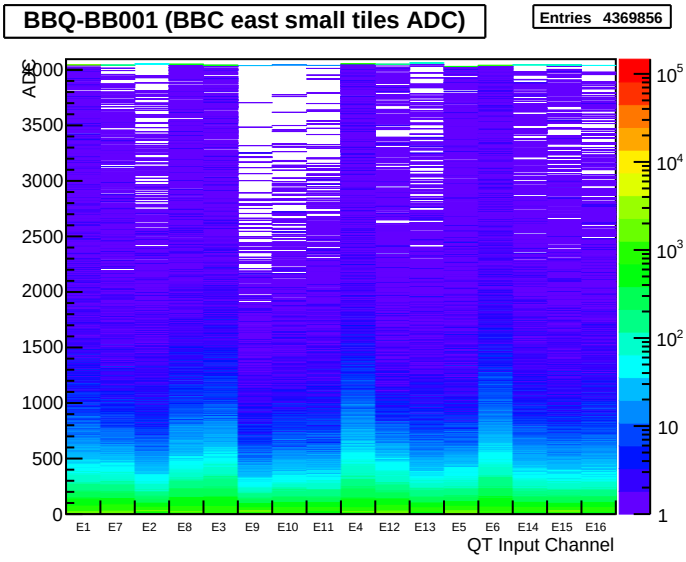

MIX-TF101
Entries 168585
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

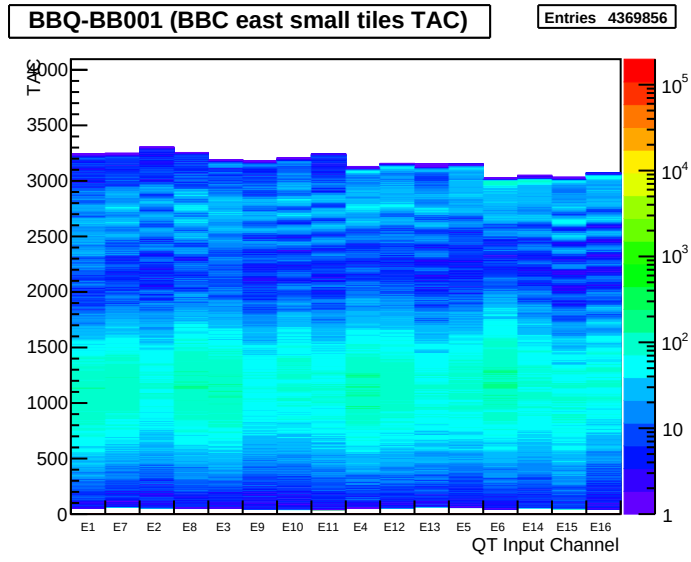

L2-TF201
Entries 273116
TOF total mult

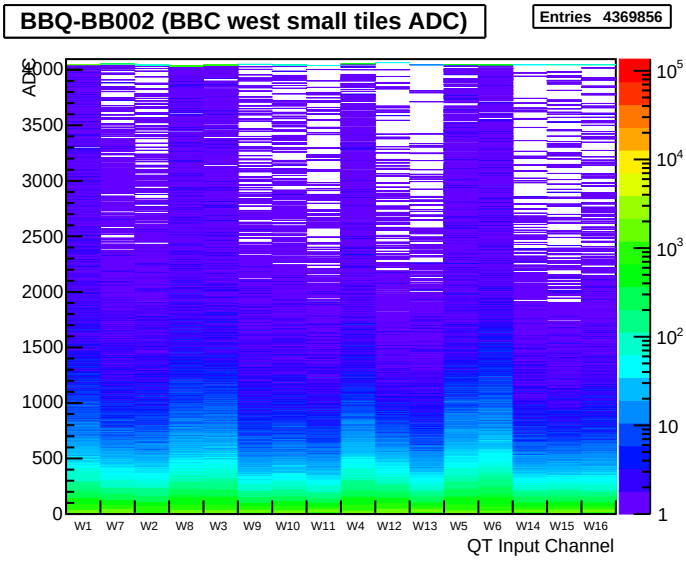

L2-TF201
Entries 0
TOF total mult(Real-Simu)

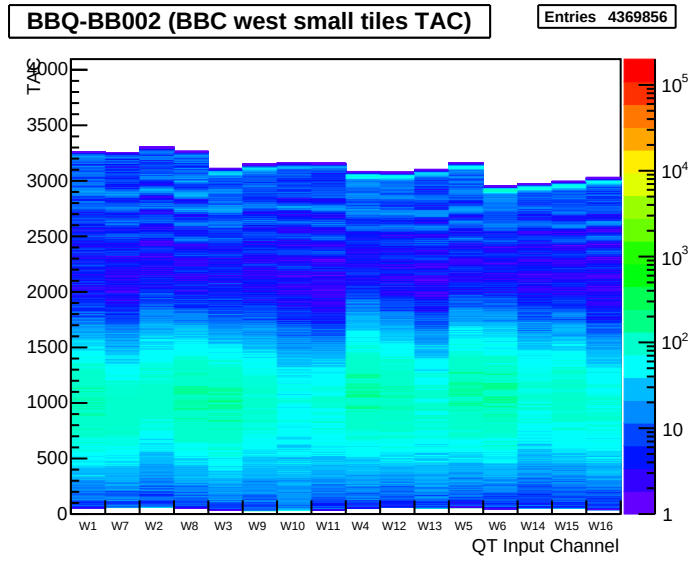

L2-TF201
Entries 1911812
Threshold/UPC bits
238416
240768
238686
240125
239262
236440
258604
34700
32348
34430
32991
33854
36676
14512
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

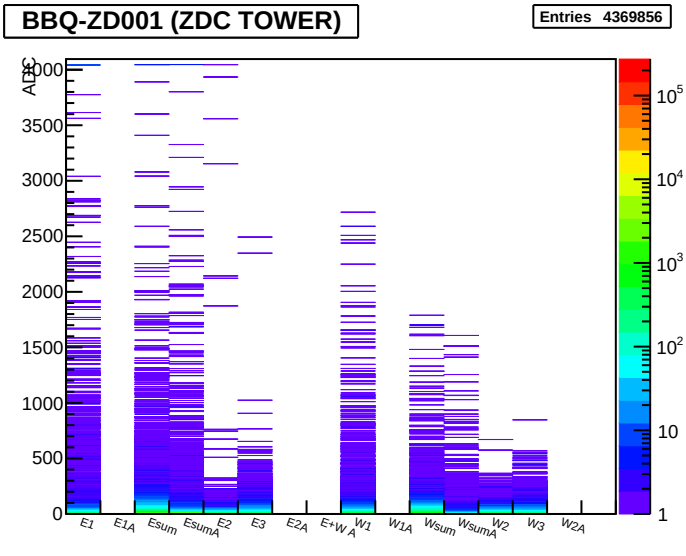

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

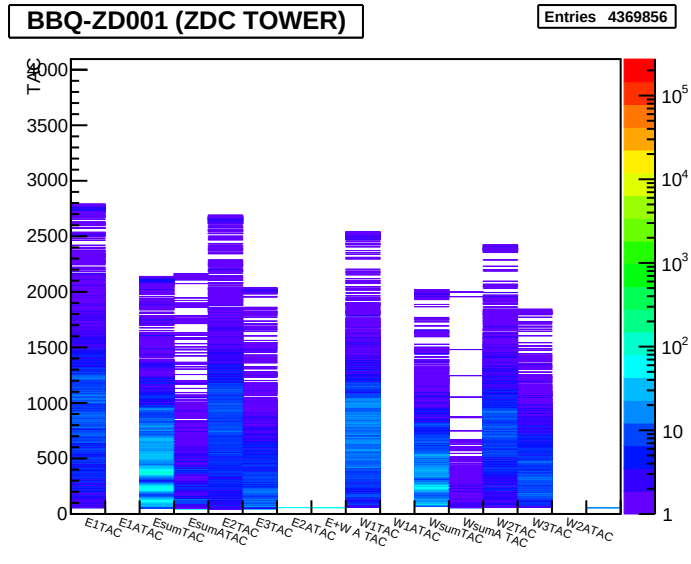

BBQ-BB001 (BBC east small tiles ADC)
Entries 4369856
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

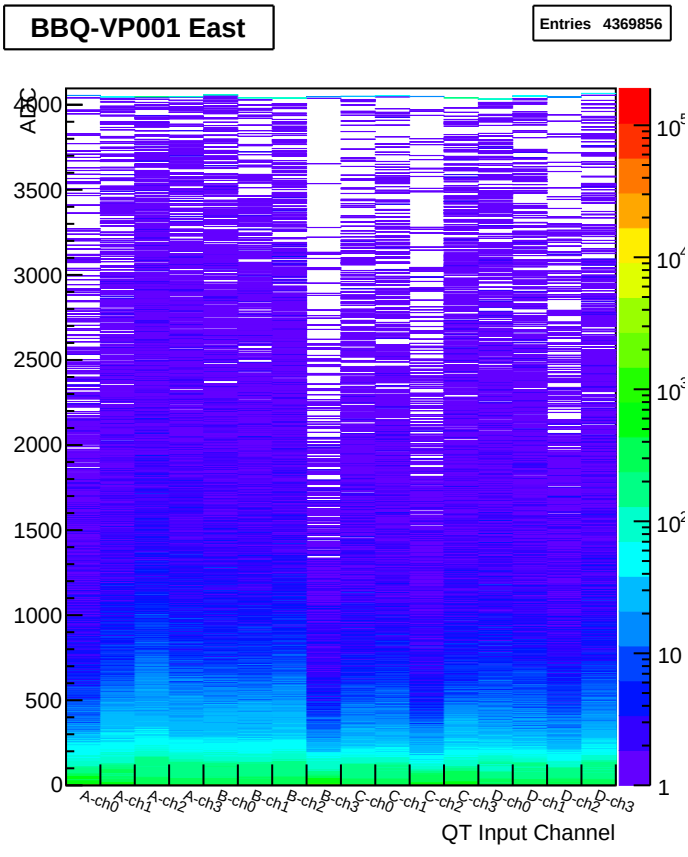

BBQ-BB001 (BBC east small tiles TAC)
Entries 4369856
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

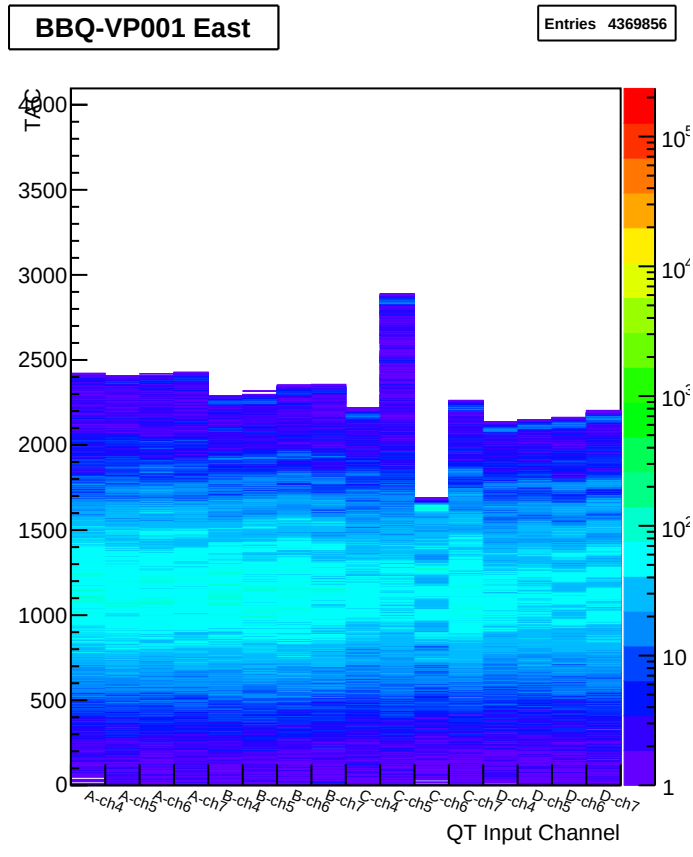

BBQ-BB002 (BBC west small tiles ADC)
Entries 4369856
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

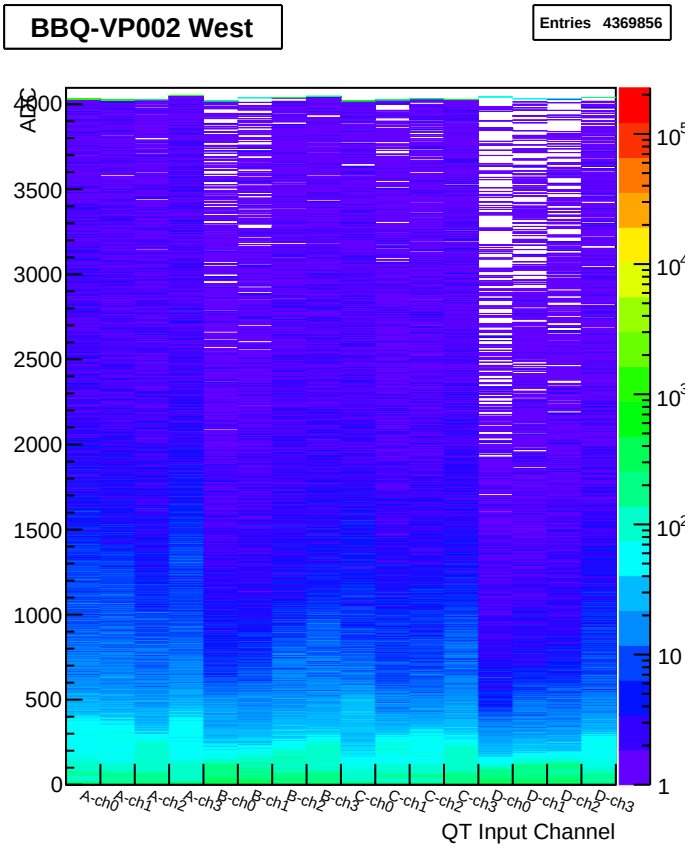

BBQ-BB002 (BBC west small tiles TAC)
Entries 4369856
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

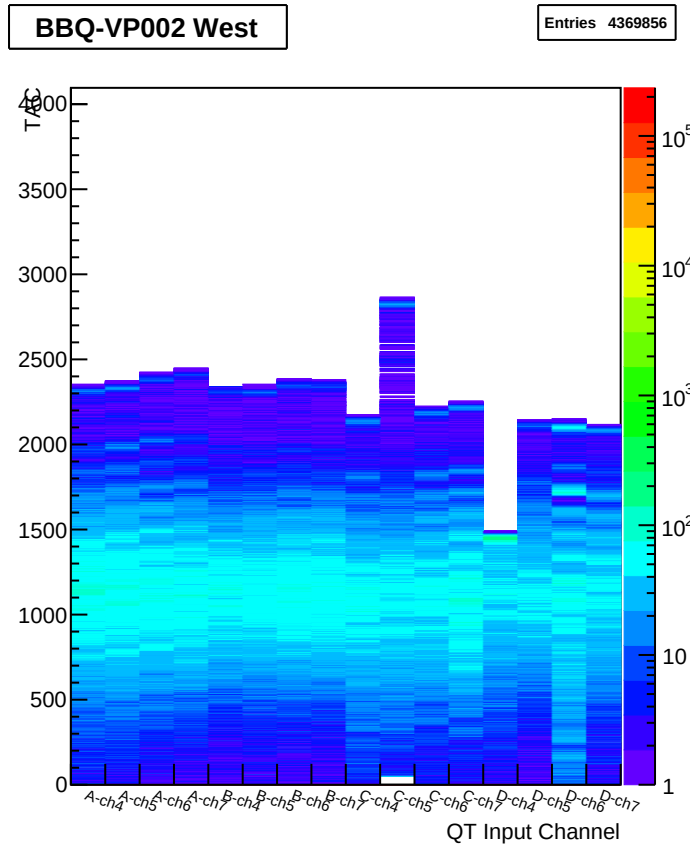

BBQ-ZD001 (ZDC TOWER)
Entries 4369856
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

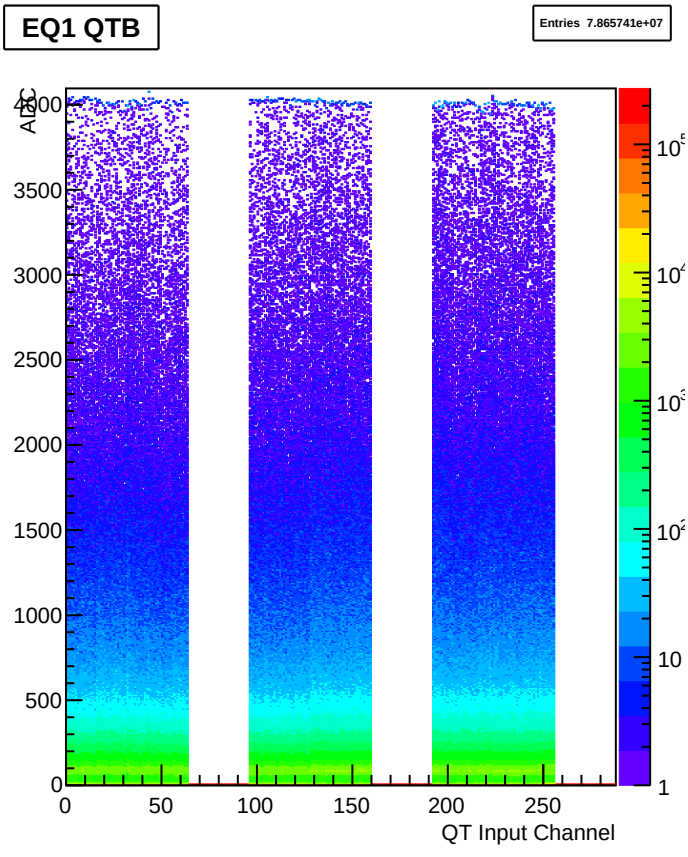

BBQ-ZD001 (ZDC TOWER)
Entries 4369856
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

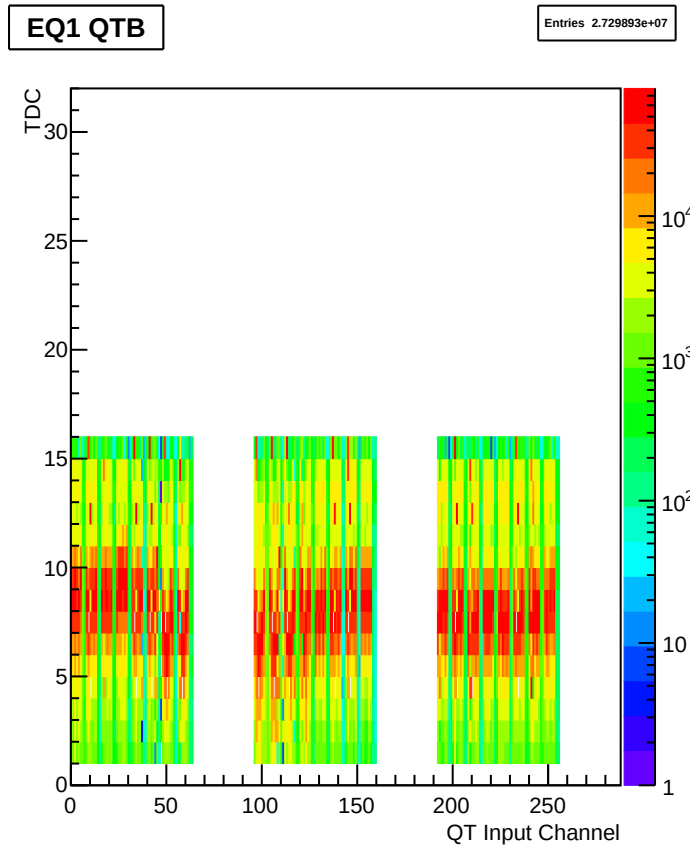

BBQ-VP001 East
Entries 4369856
ADC
QT Input Channel

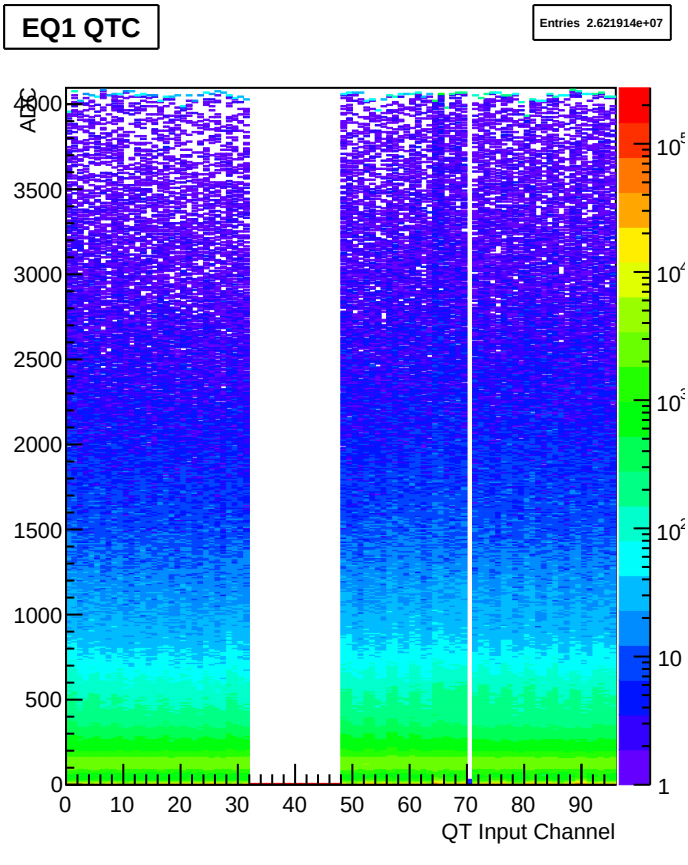

BBQ-VP001 East
Entries 4369856
TADC
QT Input Channel

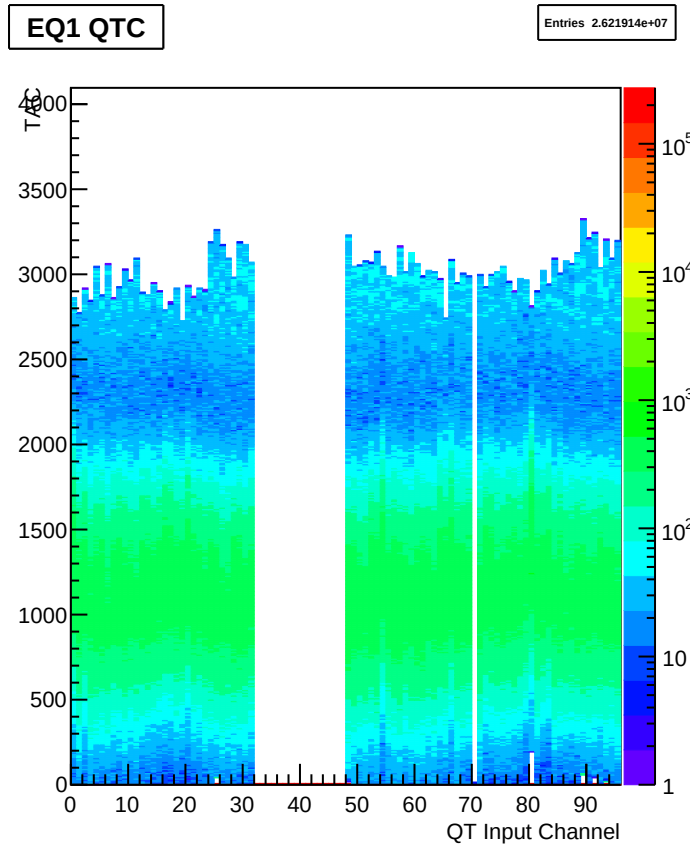

BBQ-VP002 West
Entries 4369856
ADC
QT Input Channel

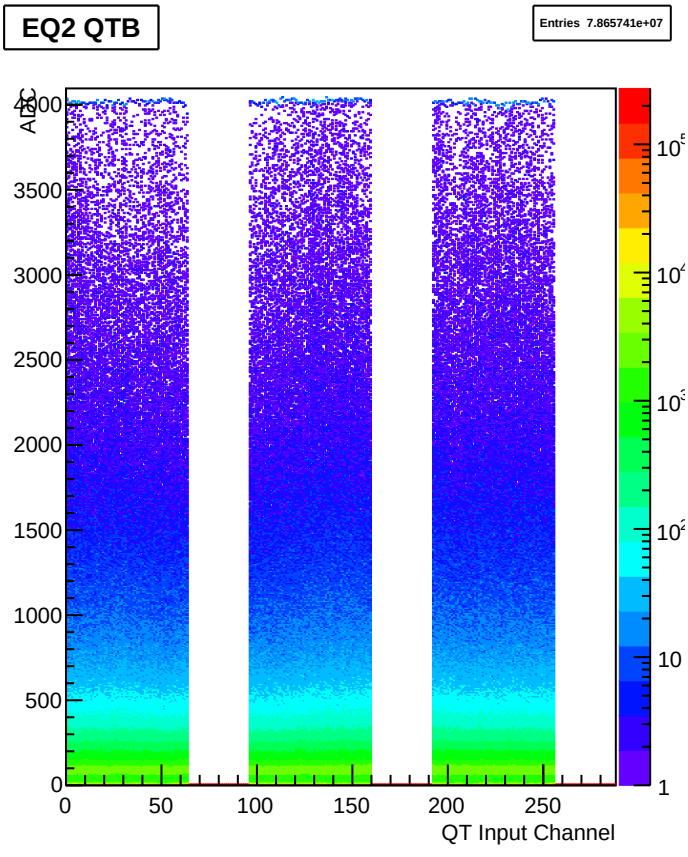

BBQ-VP002 West
Entries 4369856
TADC
QT Input Channel

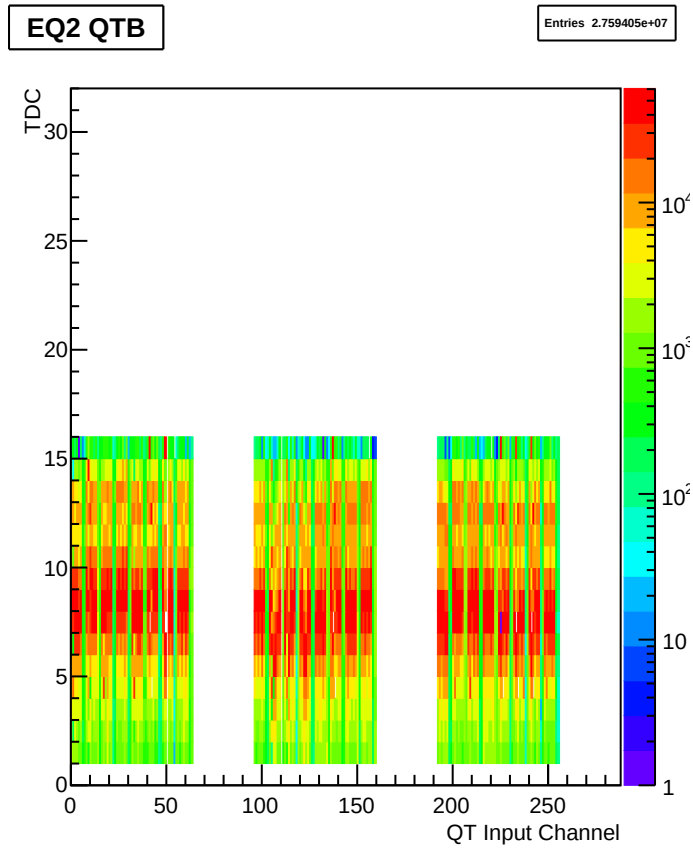

EQ1 QTB
Entries 7.865741e+07
ADC
QT Input Channel

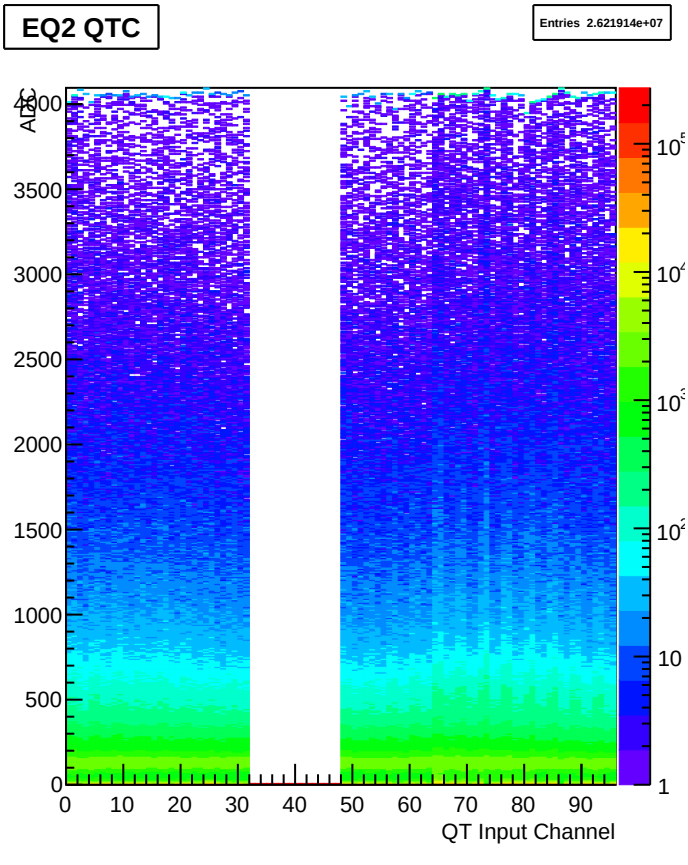

EQ1 QTB
Entries 2.729893e+07
TDC
QT Input Channel

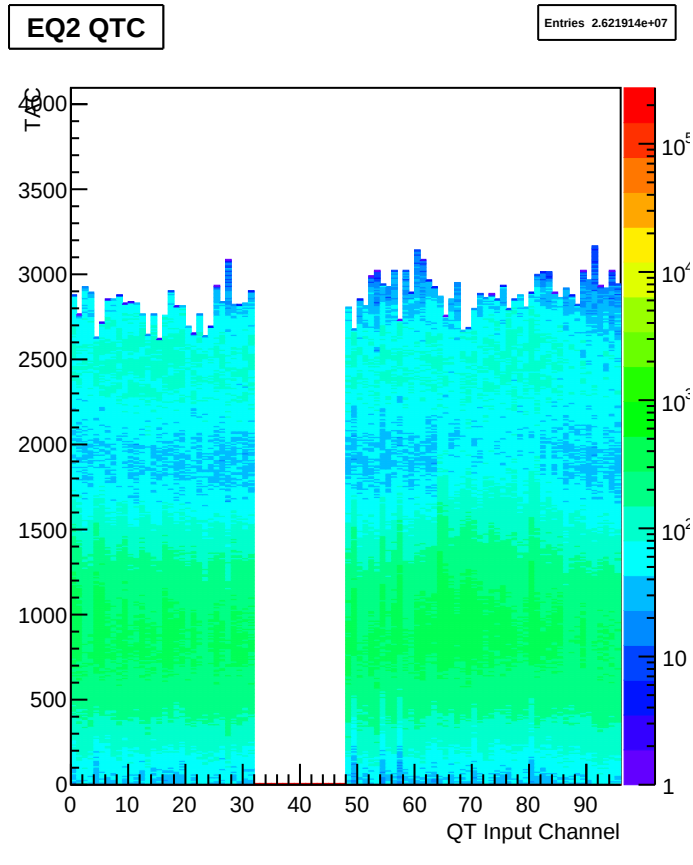

EQ1 QTC
Entries 2.621914e+07
ADC
QT Input Channel

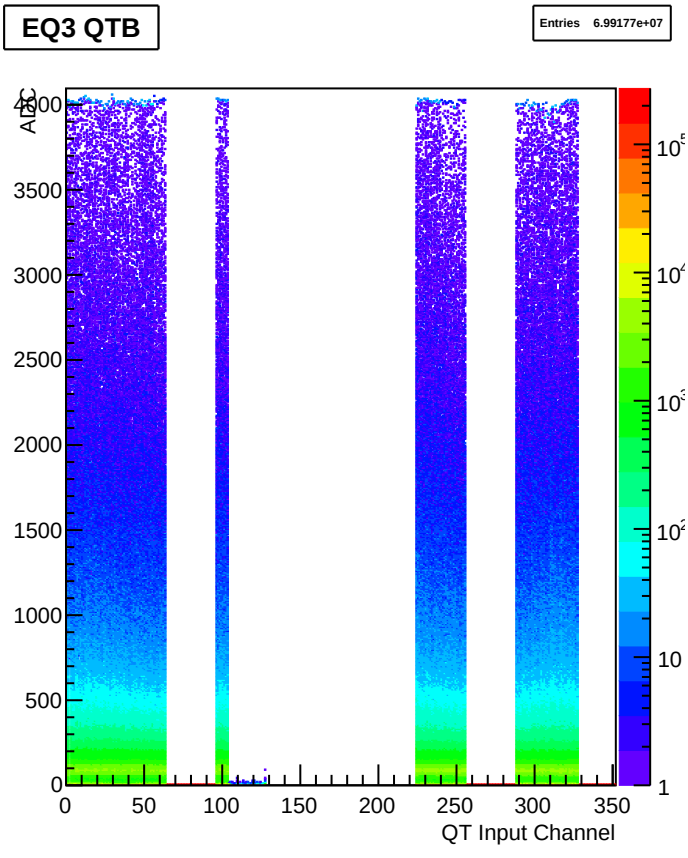

EQ1 QTC
Entries 2.621914e+07
TADC
QT Input Channel

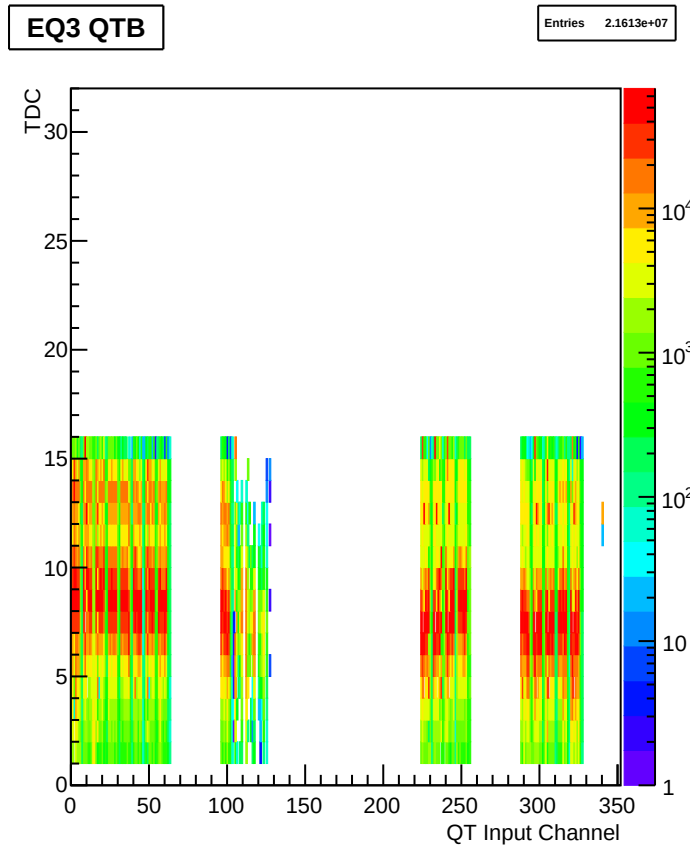

EQ2 QTB
Entries 7.865741e+07
ADC
QT Input Channel

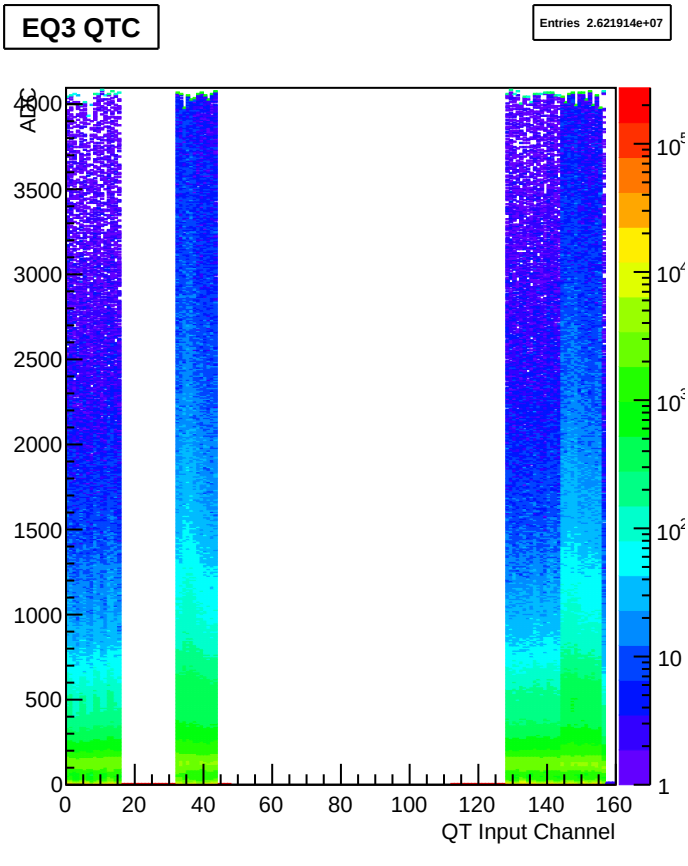

EQ2 QTB
Entries 2.759405e+07
TDC
QT Input Channel

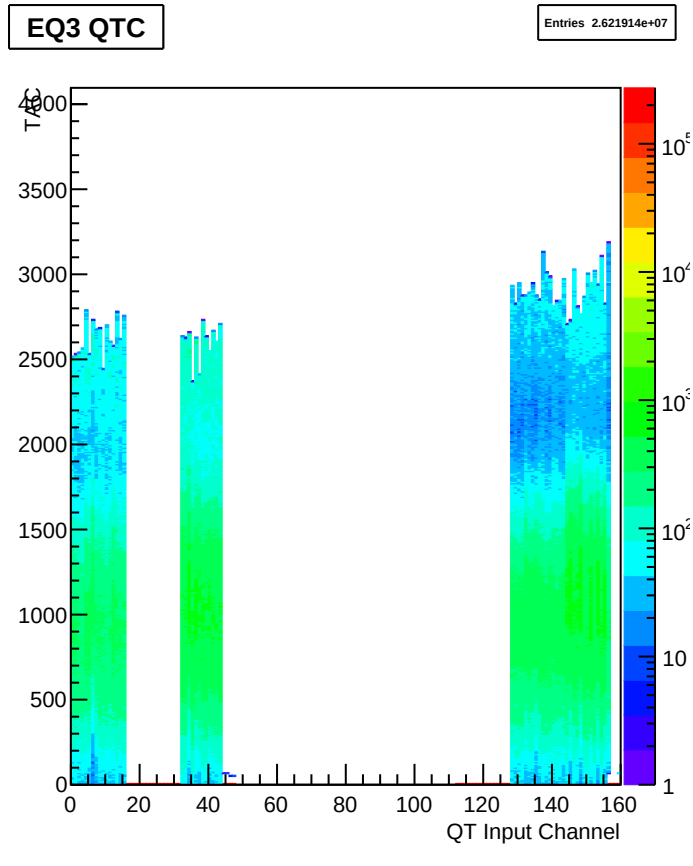

EQ2 QTC
Entries 2.621914e+07
ADC
QT Input Channel

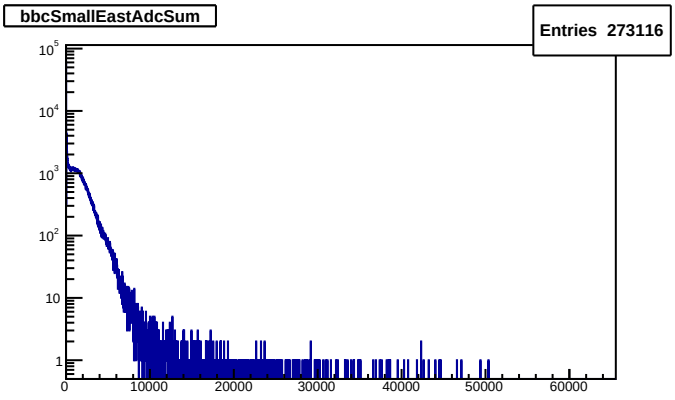

EQ2 QTC
Entries 2.621914e+07
TADC
QT Input Channel

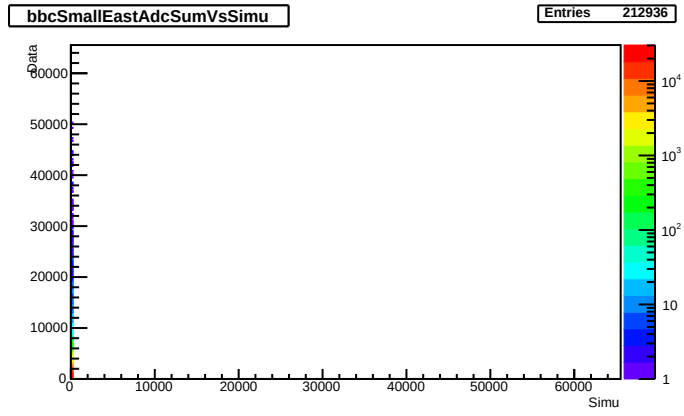

EQ3 QTB
Entries 6.99177e+07
ADC
QT Input Channel

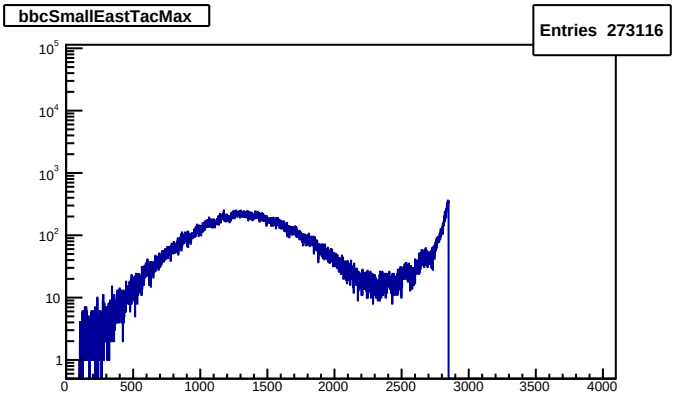

EQ3 QTB
Entries 2.1613e+07
TDC
QT Input Channel

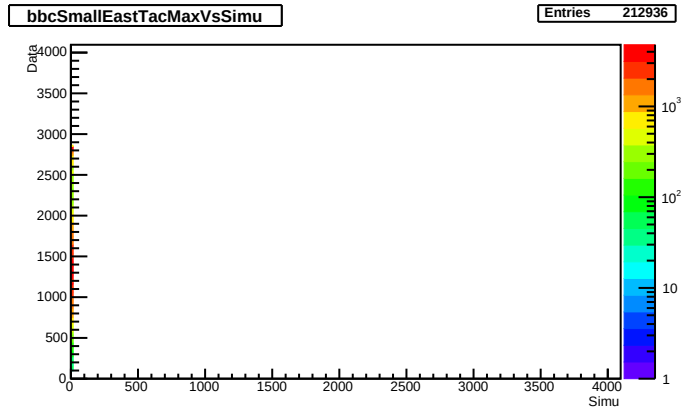

EQ3 QTC
Entries 2.621914e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.621914e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 273116


bbcSmallEastAdcSumVsSimu
Entries 212936
Data
Simu


bbcSmallEastTacMax
Entries 273116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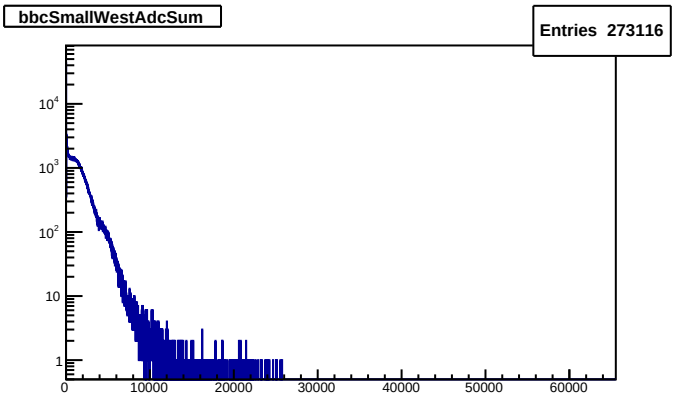
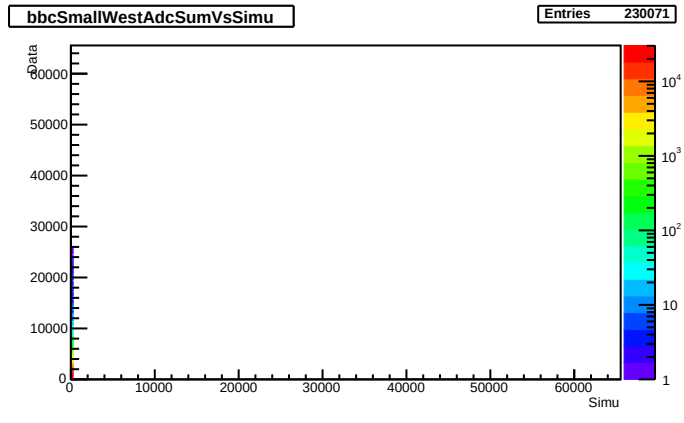
Entries 212936
Data
Simu


bbcSmallWestAdcSum
Entries 273116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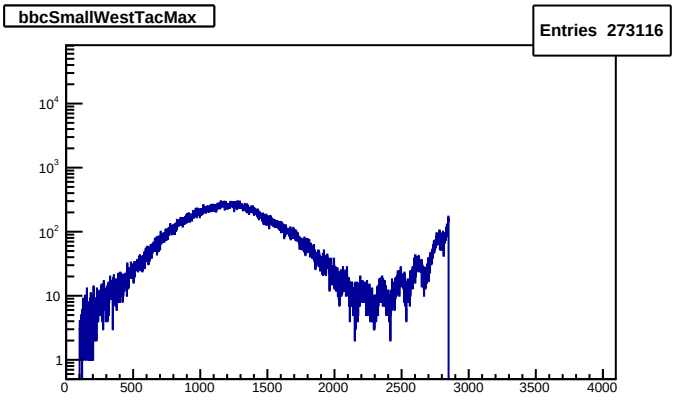
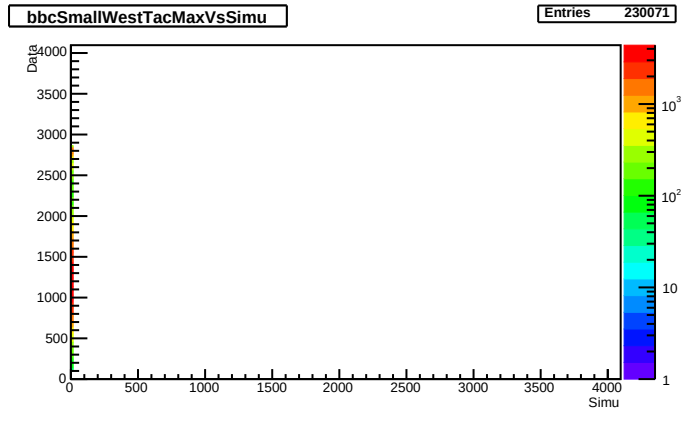
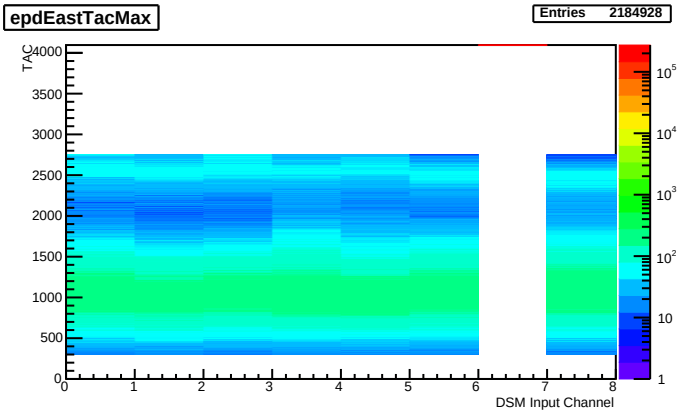
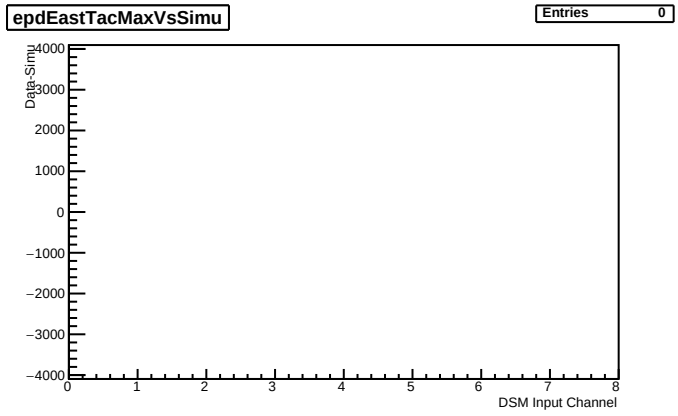
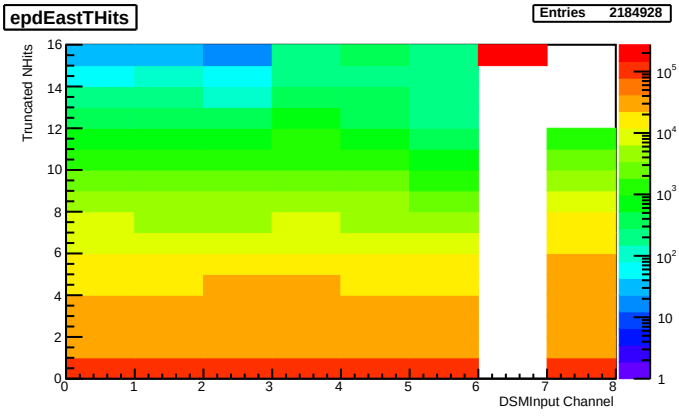
Entries 230071
Data
Simu

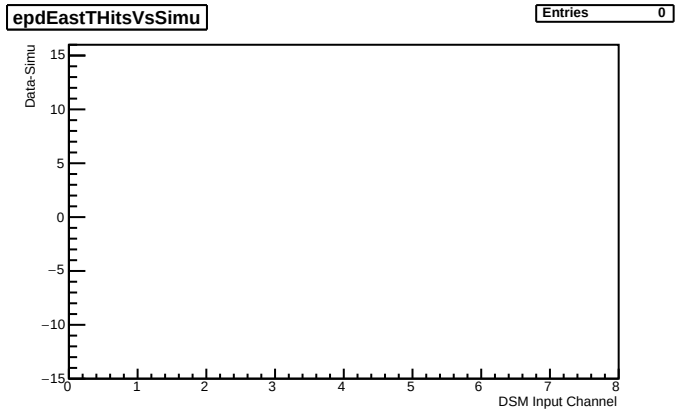

bbcSmallWestTacMax
Entries 273116


bbcSmallWestTacMaxVsSimu
Entries 230071
Data
Simu


epdEastTacMax
Entries 2184928
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2184928
Truncated NHits
DSMInput Channel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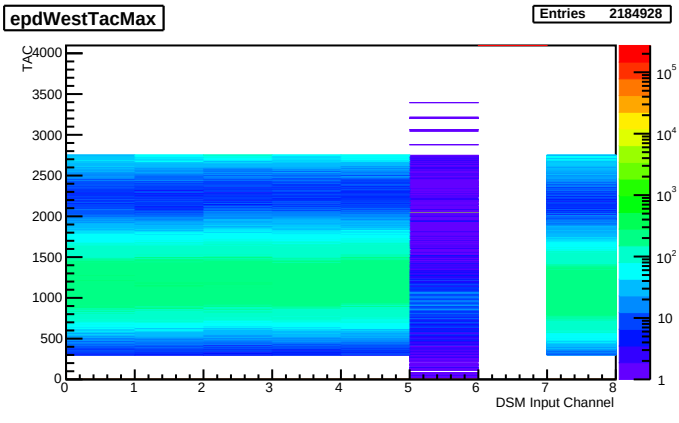
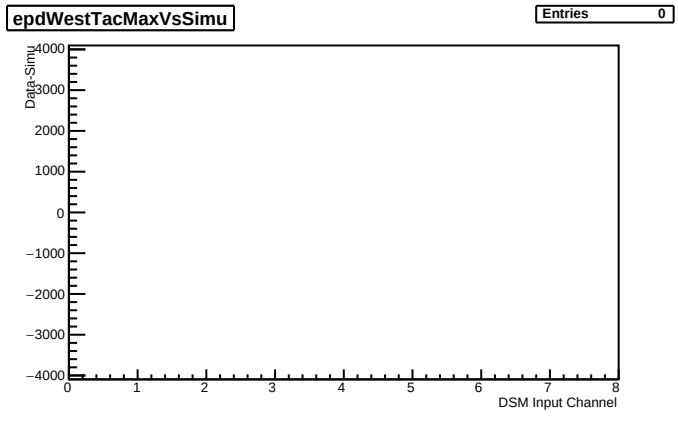
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2184928
TAC
DSM Input Channel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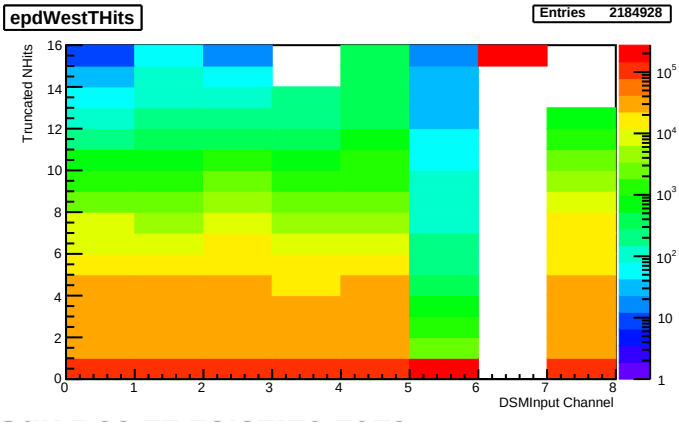
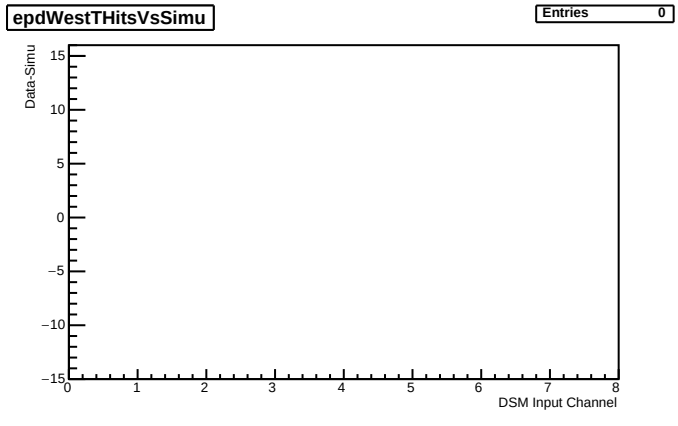
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2184928
Truncated NHits
DSMInput Channel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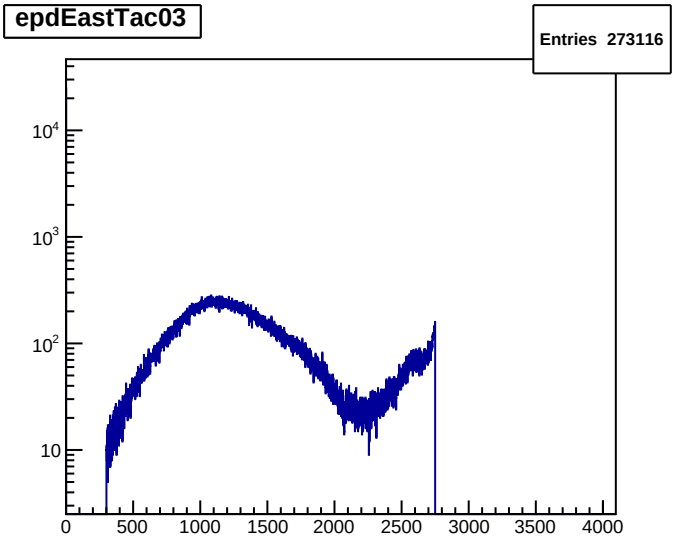
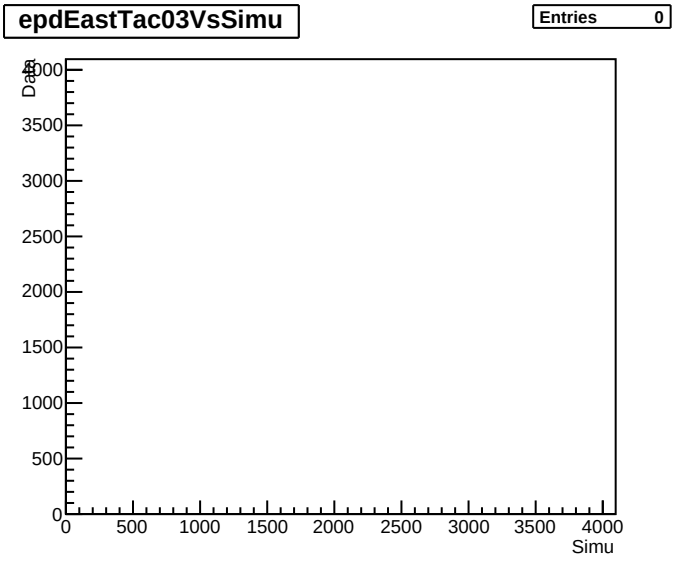
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 273116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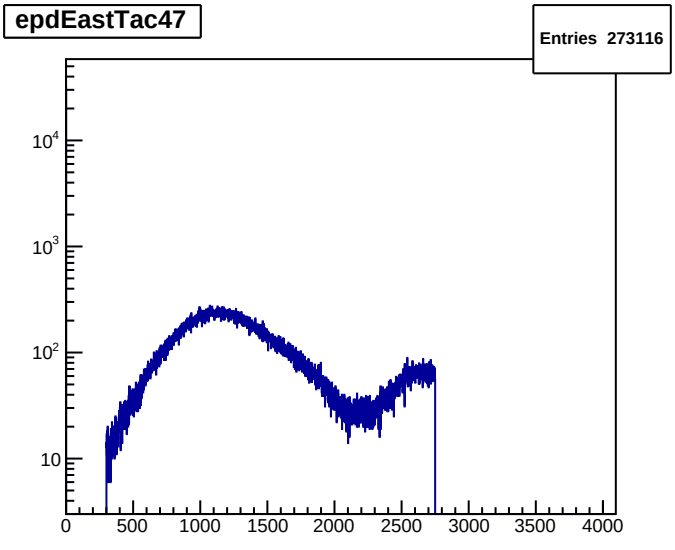
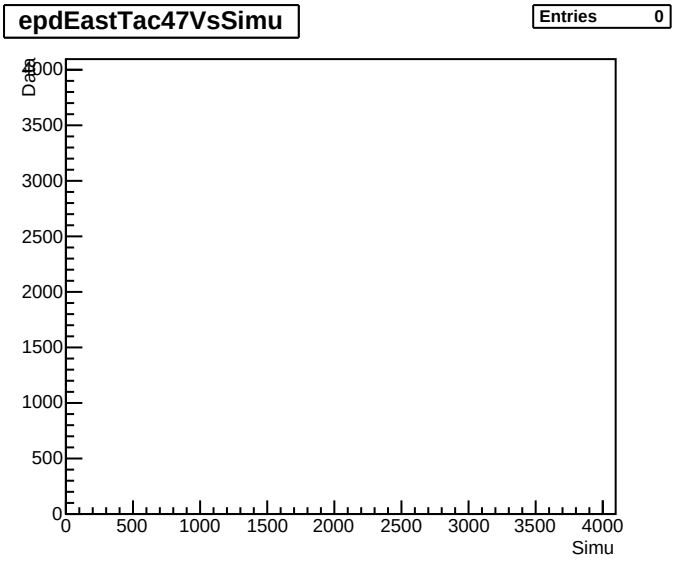
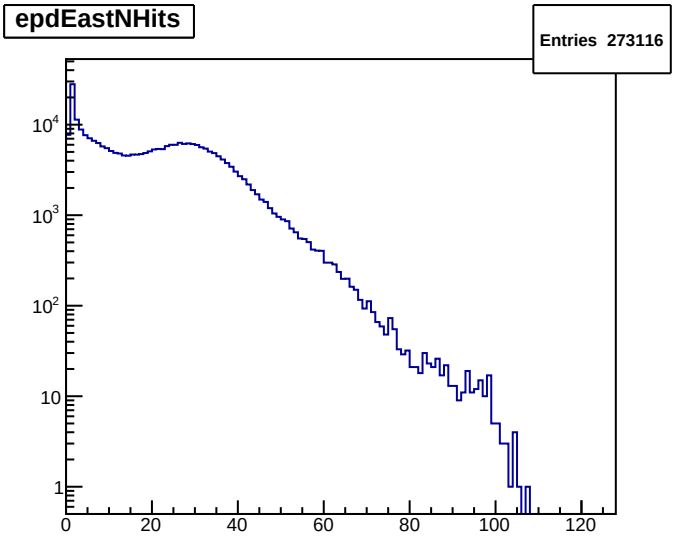
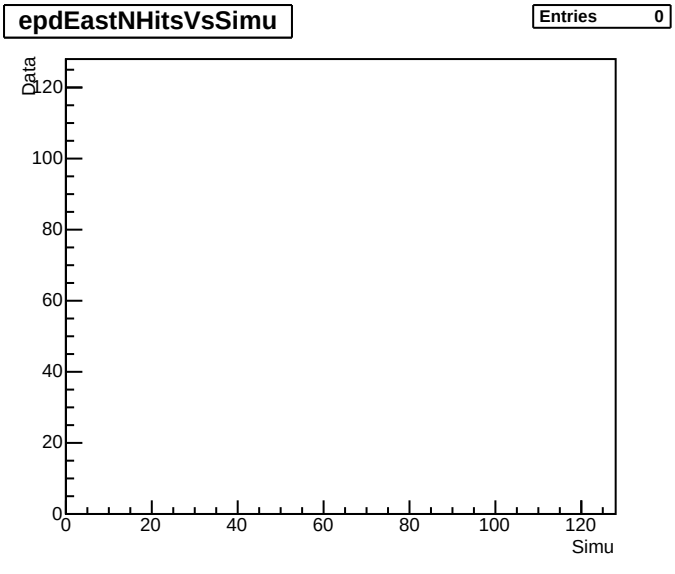
Entries 0
Data
Simu


epdEastTac47
Entries 273116


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 273116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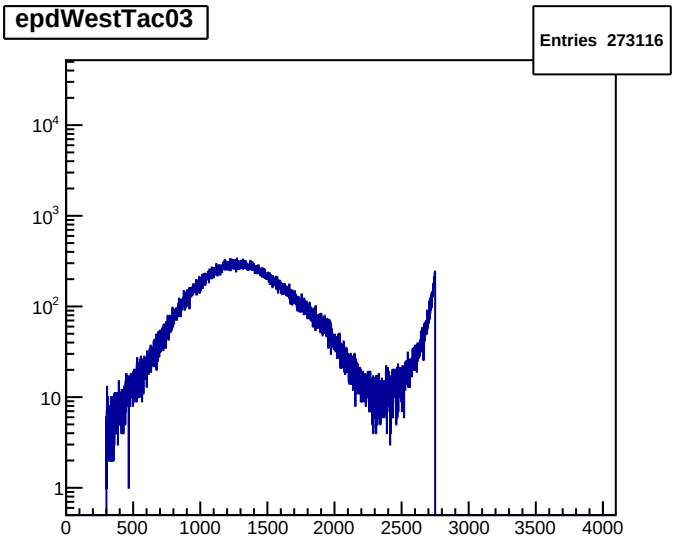
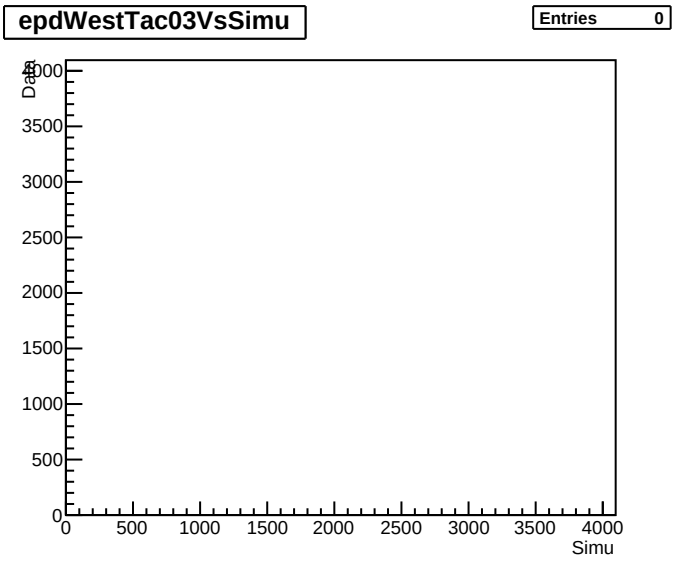
Entries 0
Data
Simu


epdWestTac03
Entries 273116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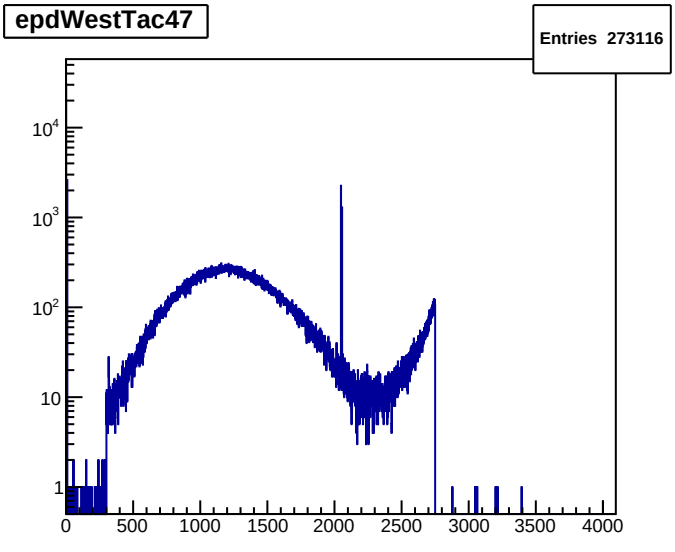
Entries 0
Data
Simu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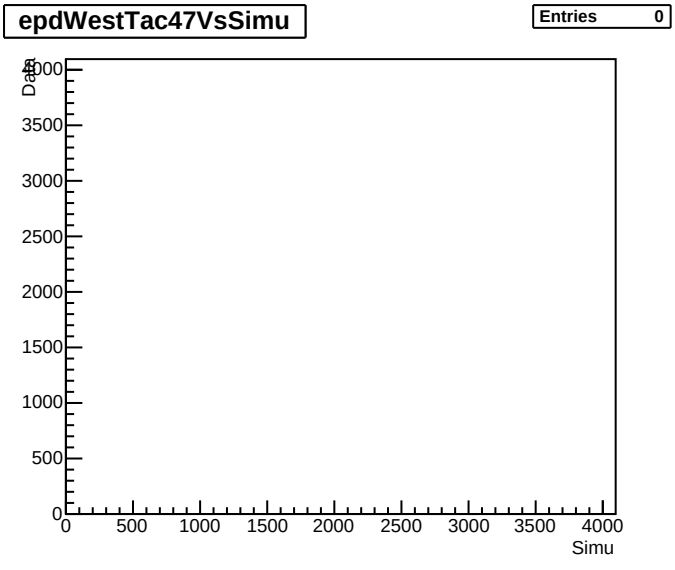
Entries 273116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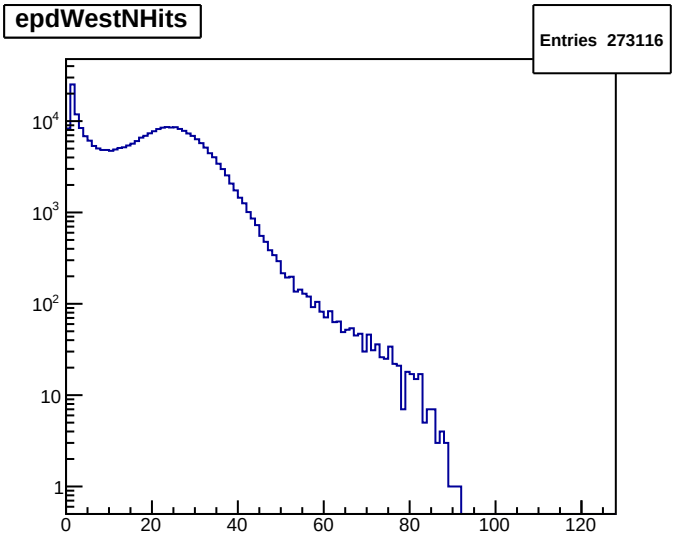
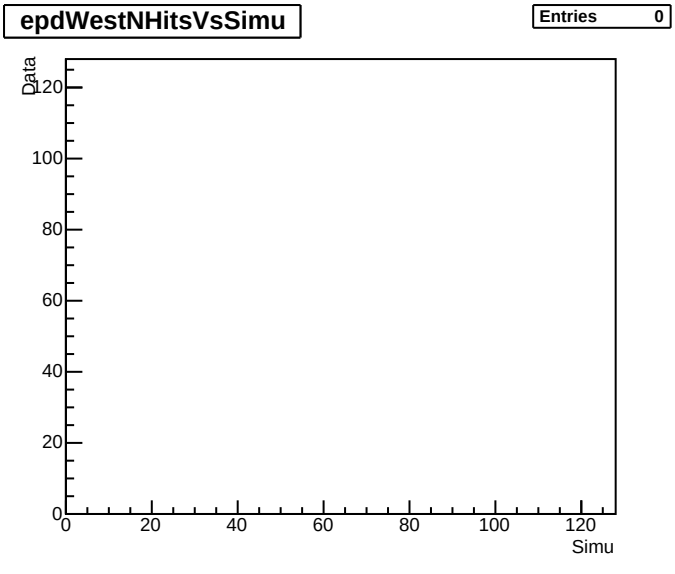
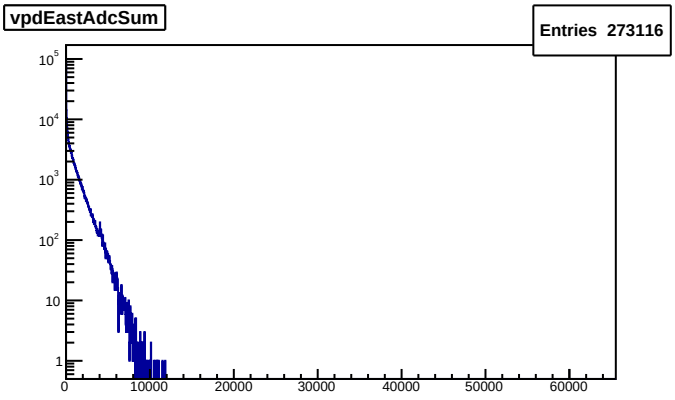
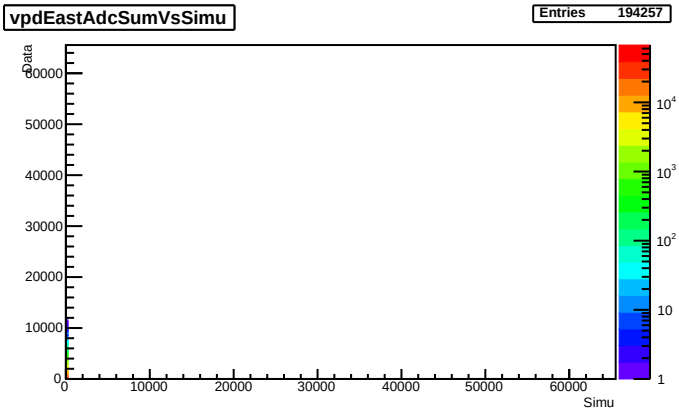
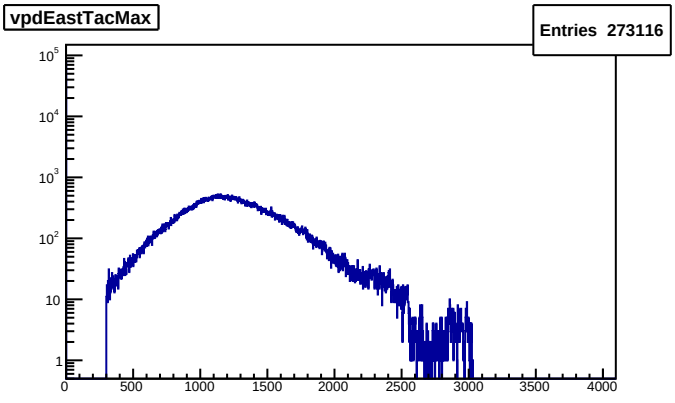
Entries 0
Data
Simu

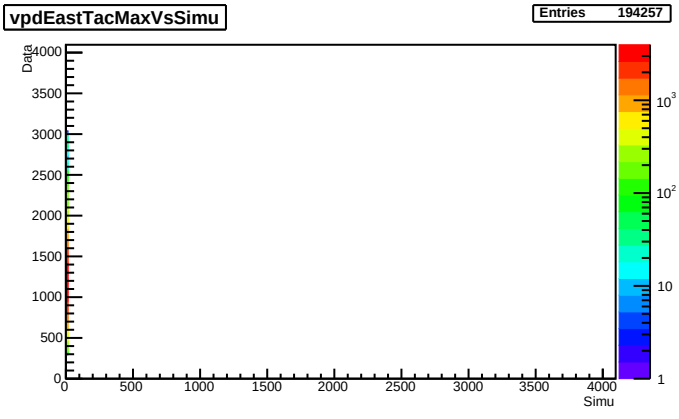

epdWestNHits
Entries 273116

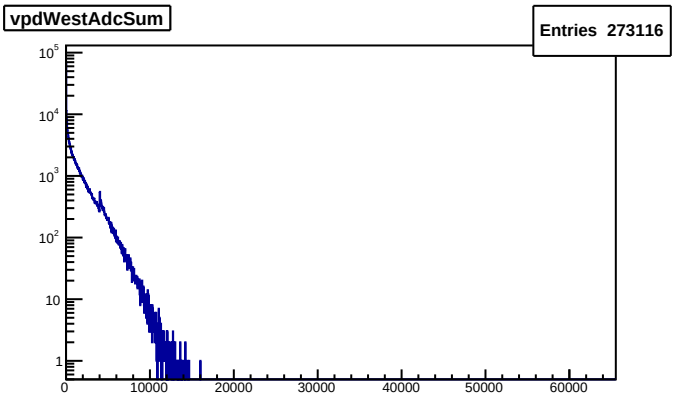

epdWestNHitsVsSimu
Entries 0
Data
Simu

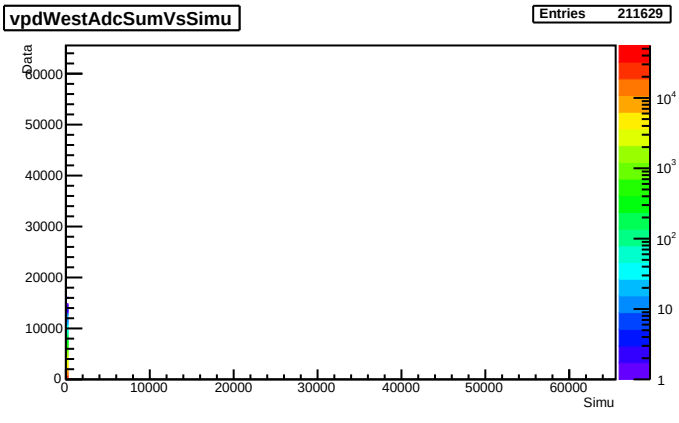

vpdEastAdcSum
Entries 273116

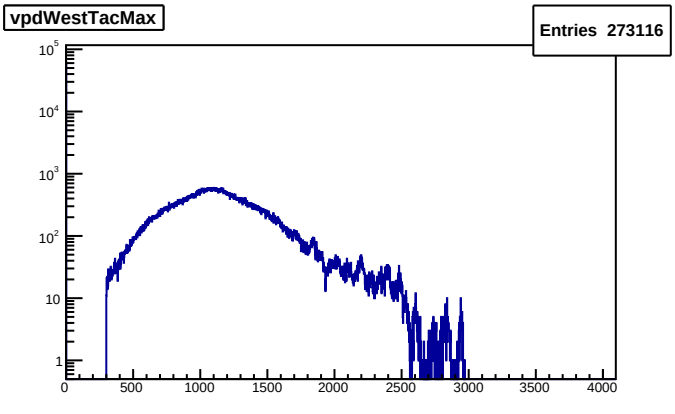

vpdEastAdcSumVsSimu
Entries 194257
Data
Simu

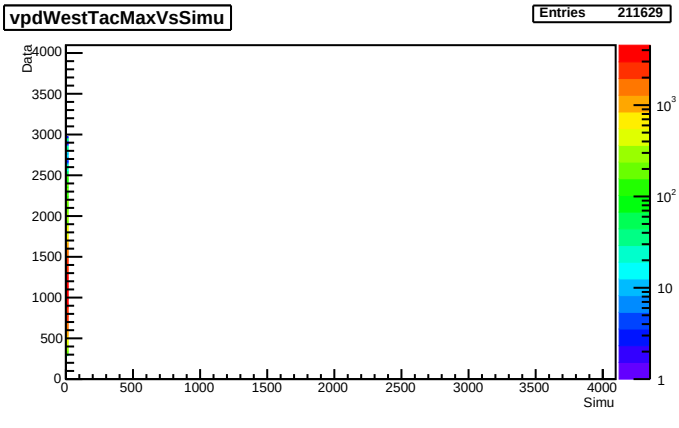

vpdEastTacMax
Entries 273116

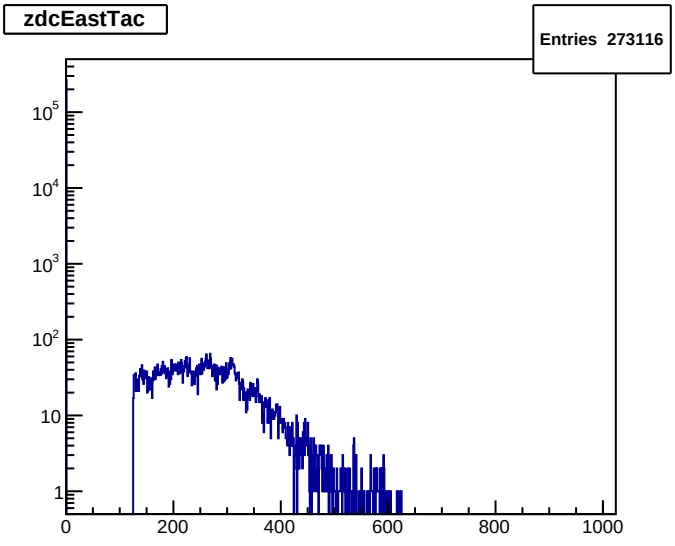

vpdEastTacMaxVsSimu
Entries 194257
Data
Simu

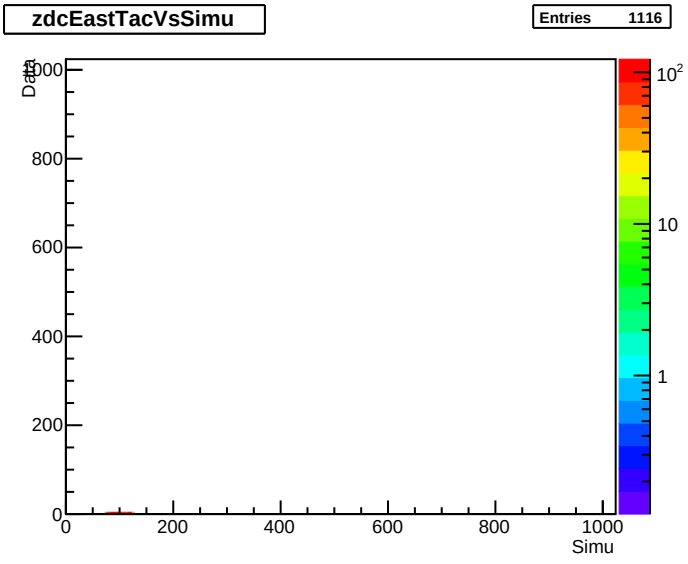

vpdWestAdcSum
Entries 273116

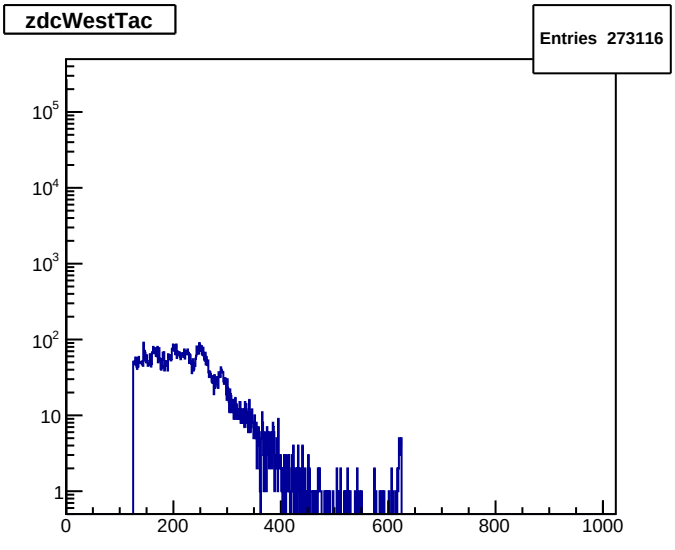

vpdWestAdcSumVsSimu
Entries 211629
Data
Simu

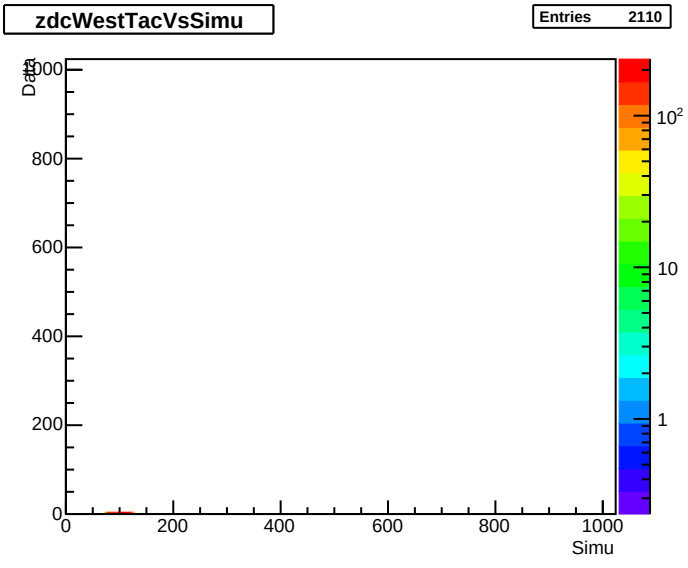

vpdWestTacMax
Entries 273116

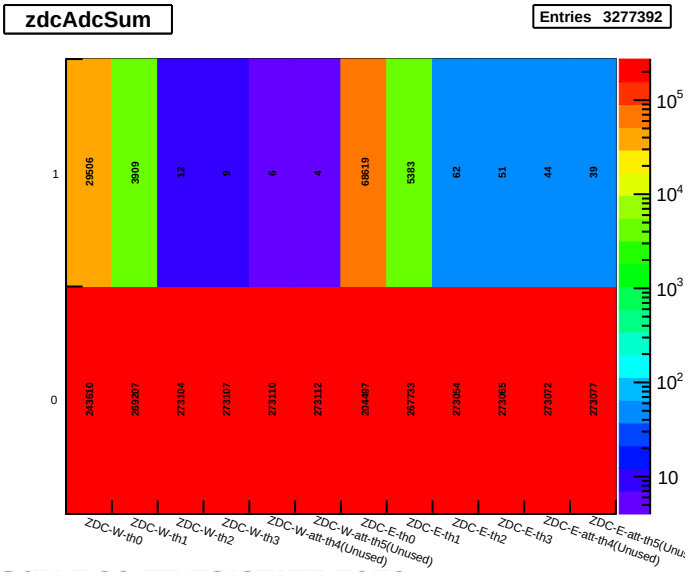

vpdWestTacMaxVsSimu
Entries 211629
Data
Simu

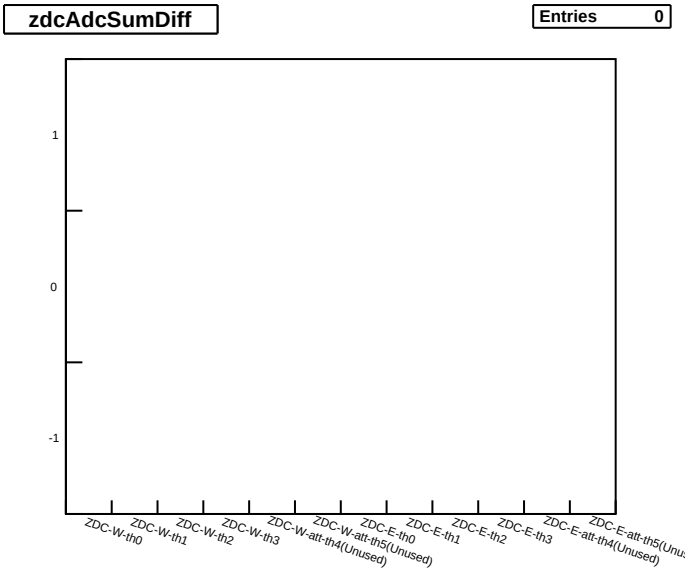

zdcEastTac
Entries 273116

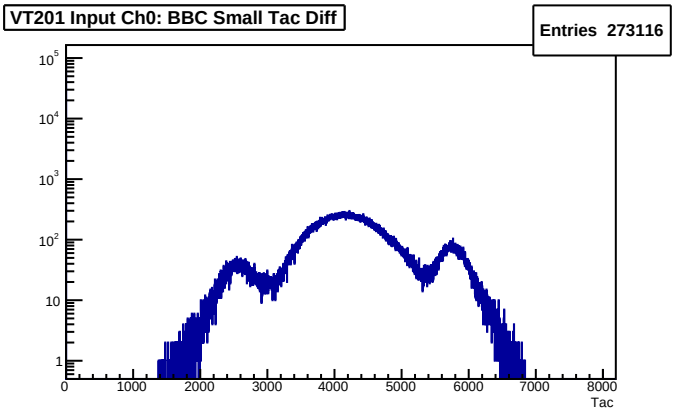

zdcEastTacVsSimu
Entries 1116
Data
Simu

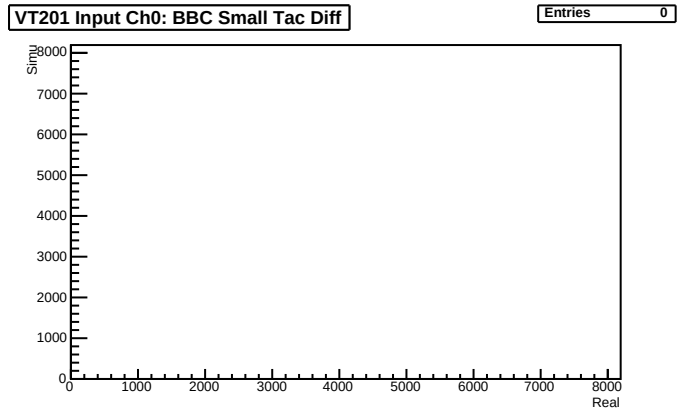

zdcWestTac
Entries 273116

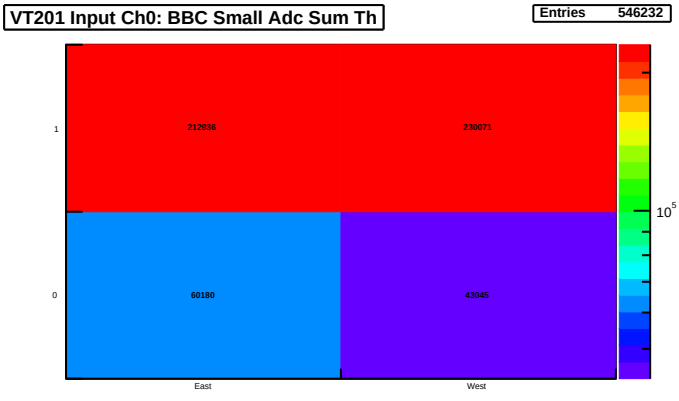

zdcWestTacVsSimu
Entries 2110
Data
Simu

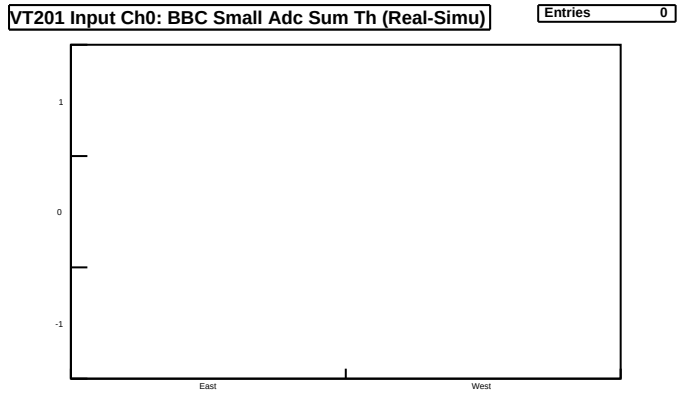

zdcAdcSum
Entries 3277392
29506
3909
12
9
6
4
68619
5383
62
51
44
39
243610
269207
273104
273107
273110
273112
204497
267733
273054
273065
273072
273077
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

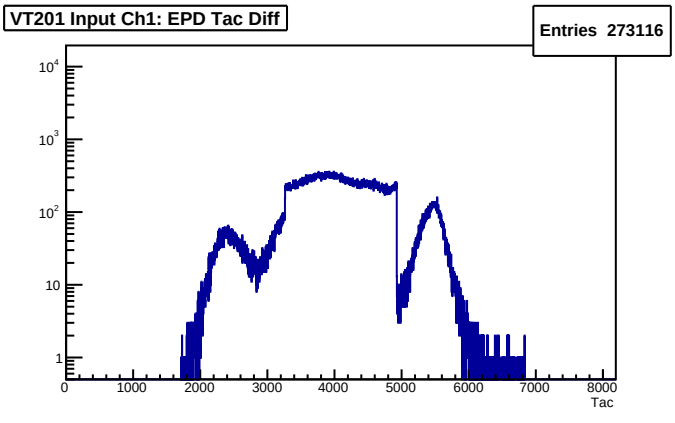

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

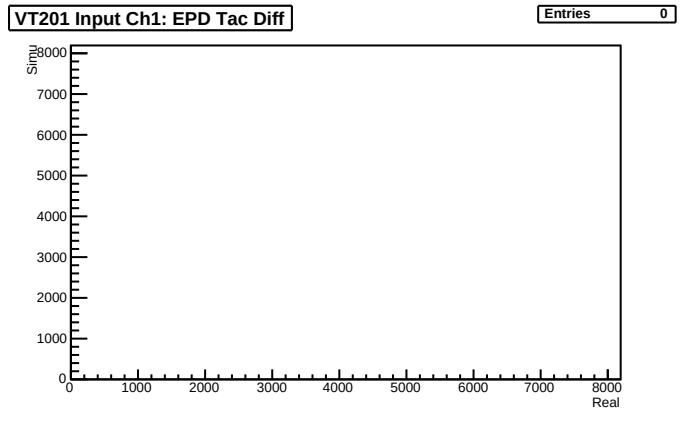

VT201 Input Ch0: BBC Small Tac Diff
Entries 273116
Tac

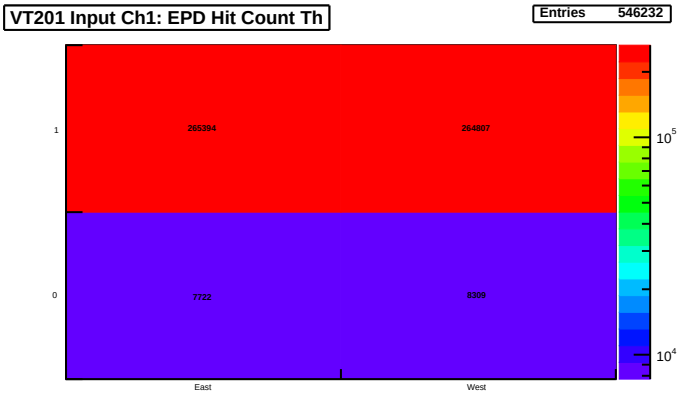

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

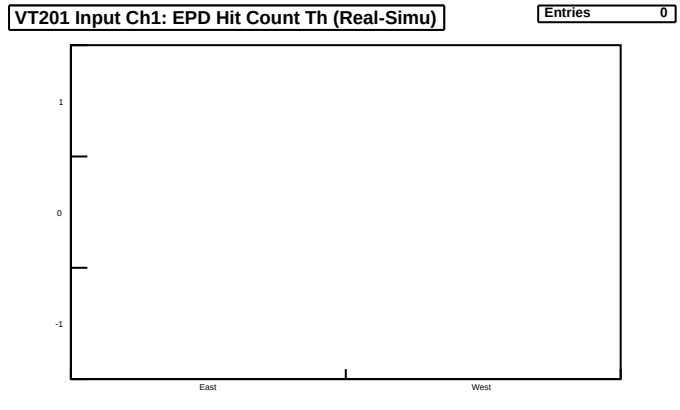

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 546232
212936
230071
60180
43045
East
West

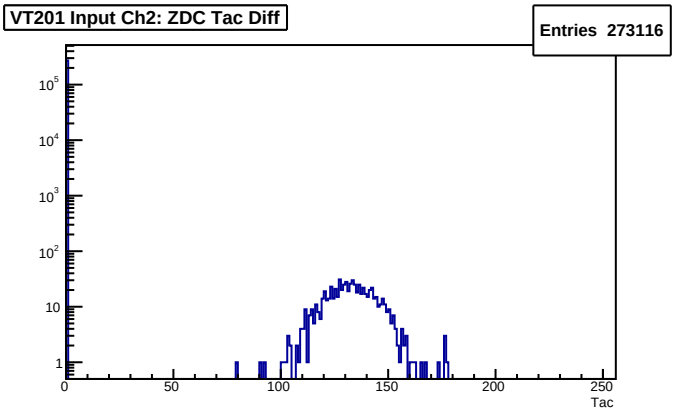

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

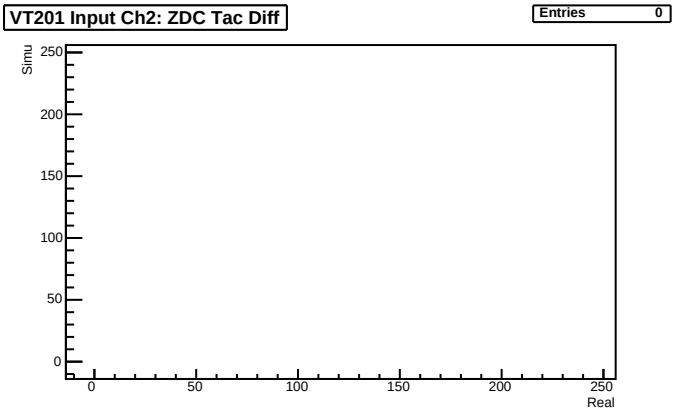

VT201 Input Ch1: EPD Tac Diff
Entries 273116
Tac

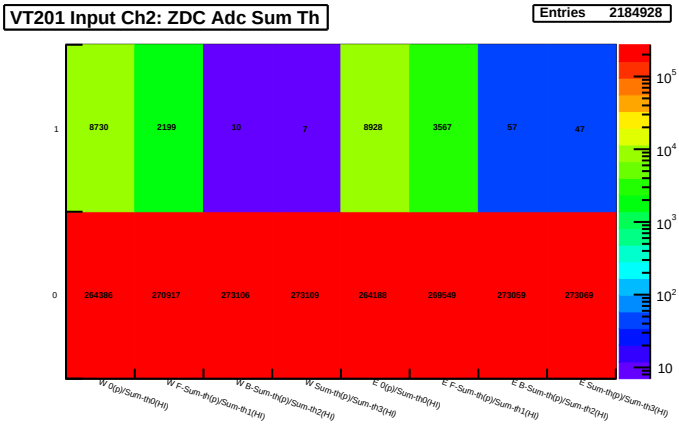

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

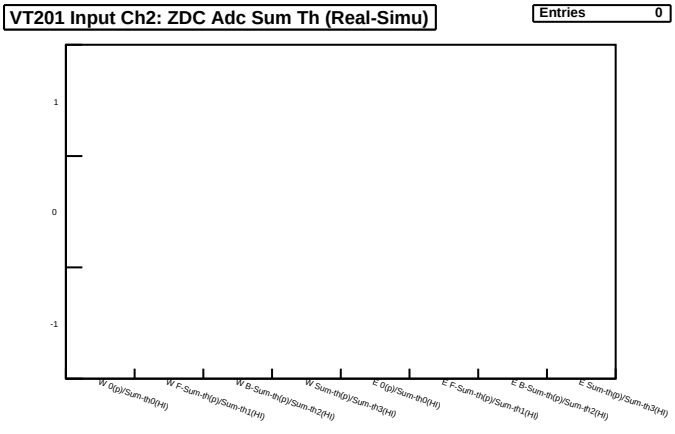

VT201 Input Ch1: EPD Hit Count Th
Entries 546232
265394
264807
7722
8309
East
West

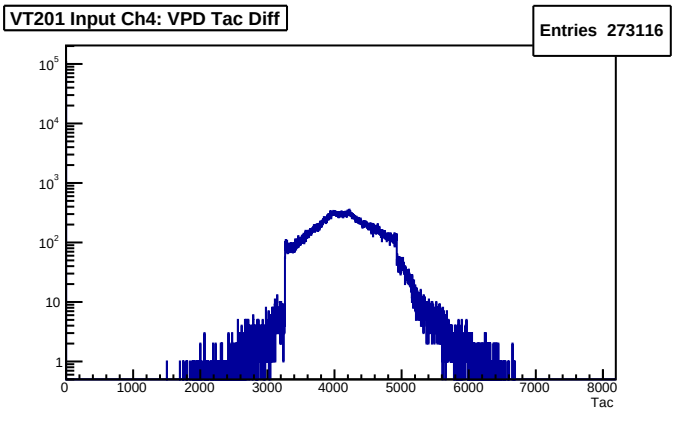

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

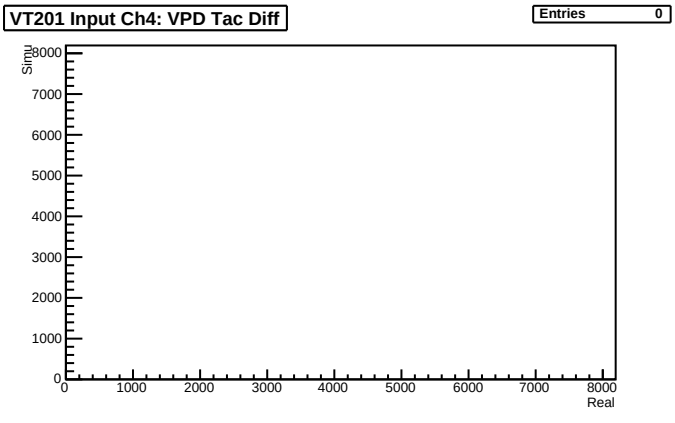

VT201 Input Ch2: ZDC Tac Diff
Entries 273116
Tac

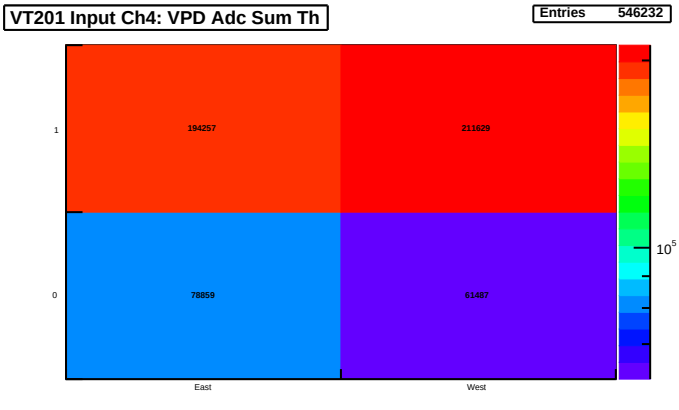

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

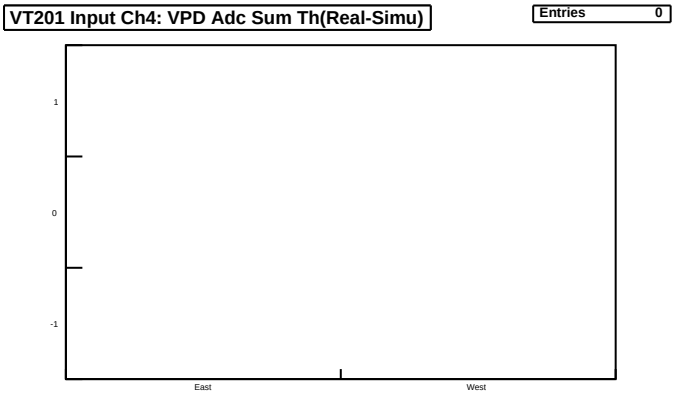

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2184928
8730
2199
10
7
8928
3567
57
47
264386
270917
273106
273109
264188
269549
273059
273069
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

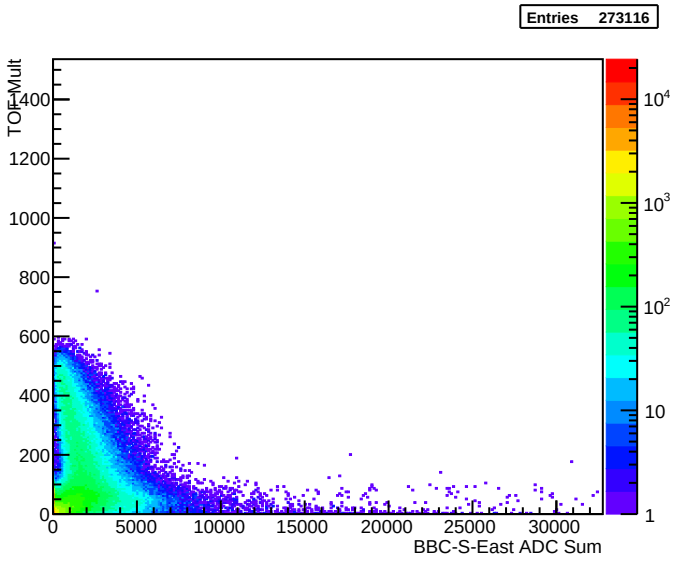

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

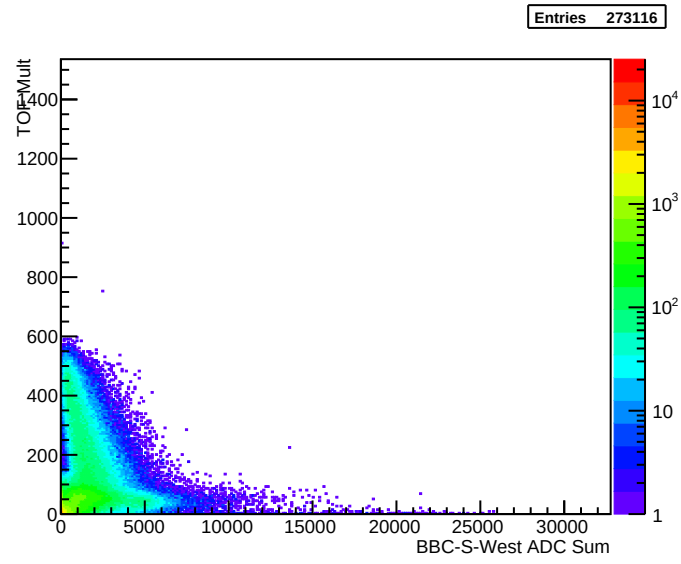

VT201 Input Ch4: VPD Tac Diff
Entries 273116
Tac

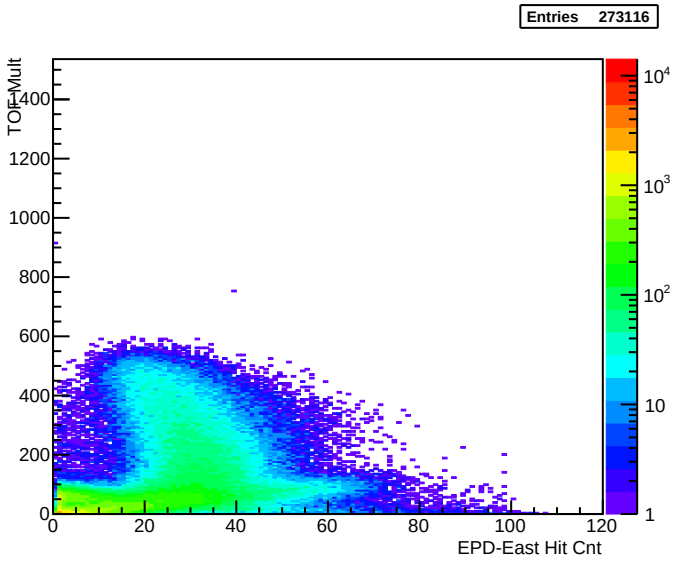

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

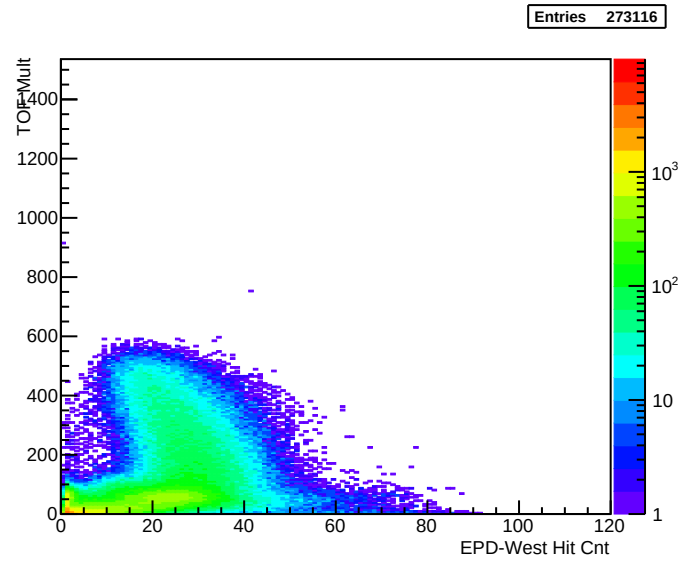

VT201 Input Ch4: VPD Adc Sum Th
Entries 546232
194257
211629
78859
61487
East
West

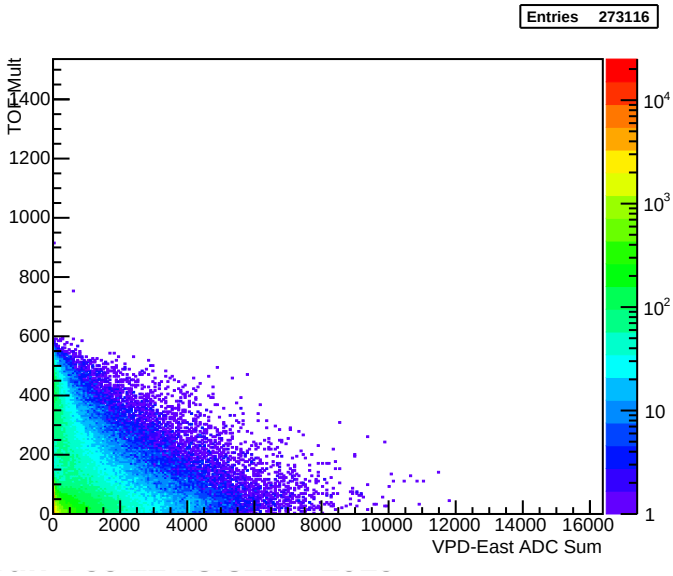

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

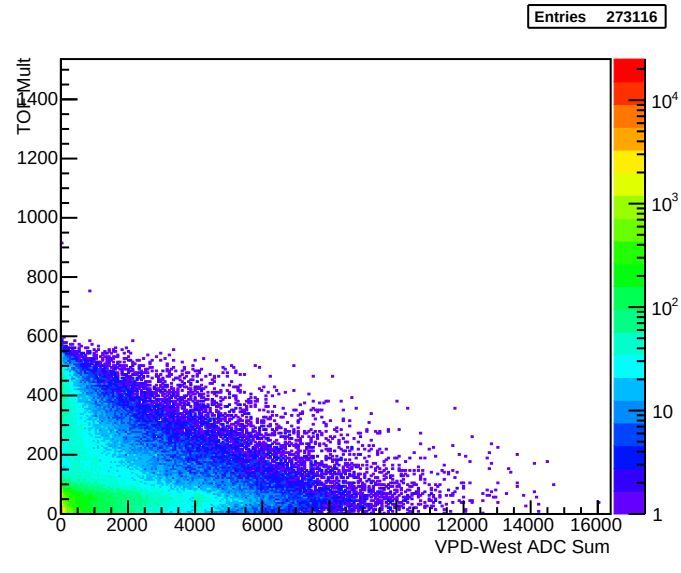

Entries 273116
TOF-Mult
BBC-S-East ADC Sum

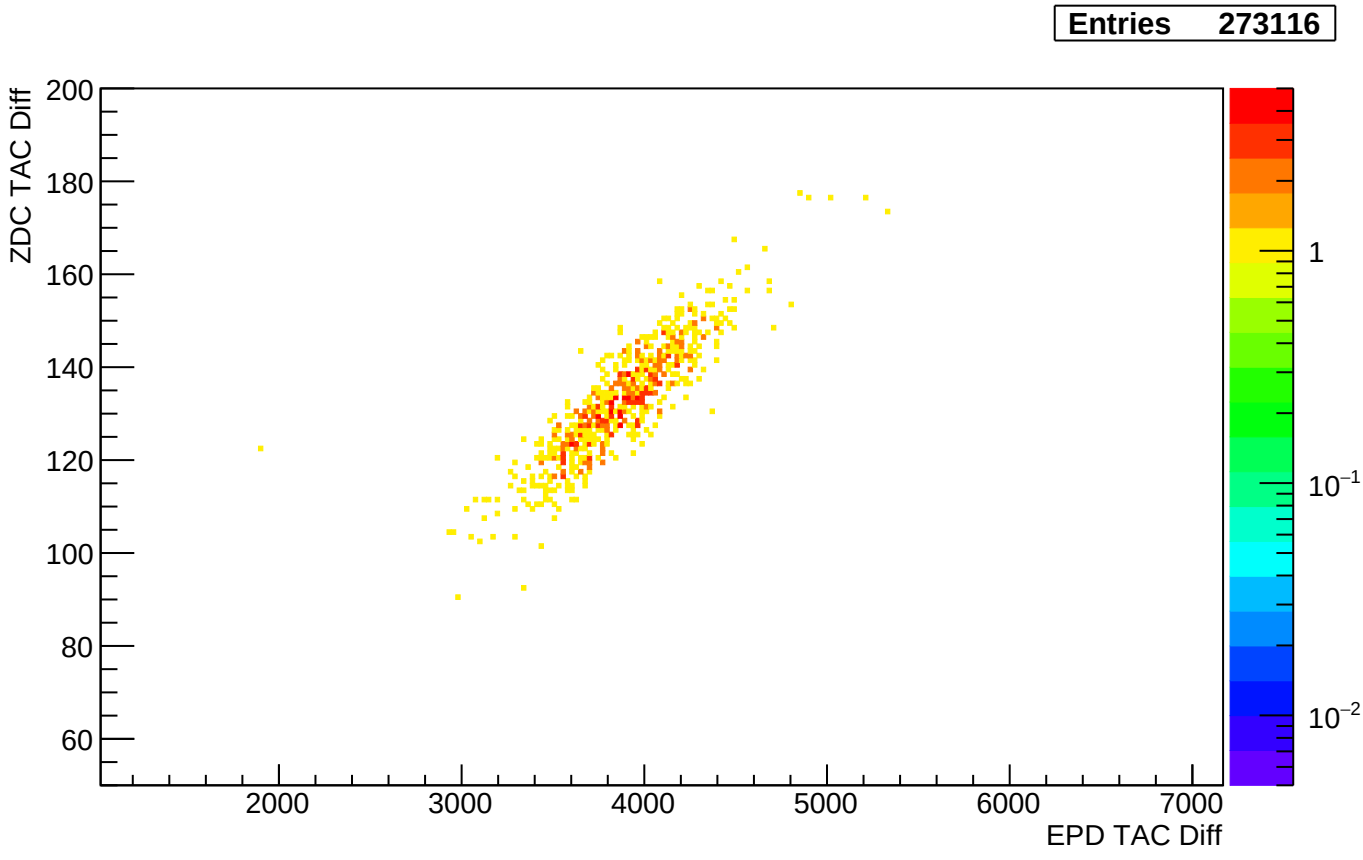

Entries 273116
TOF-Mult
BBC-S-West ADC Sum

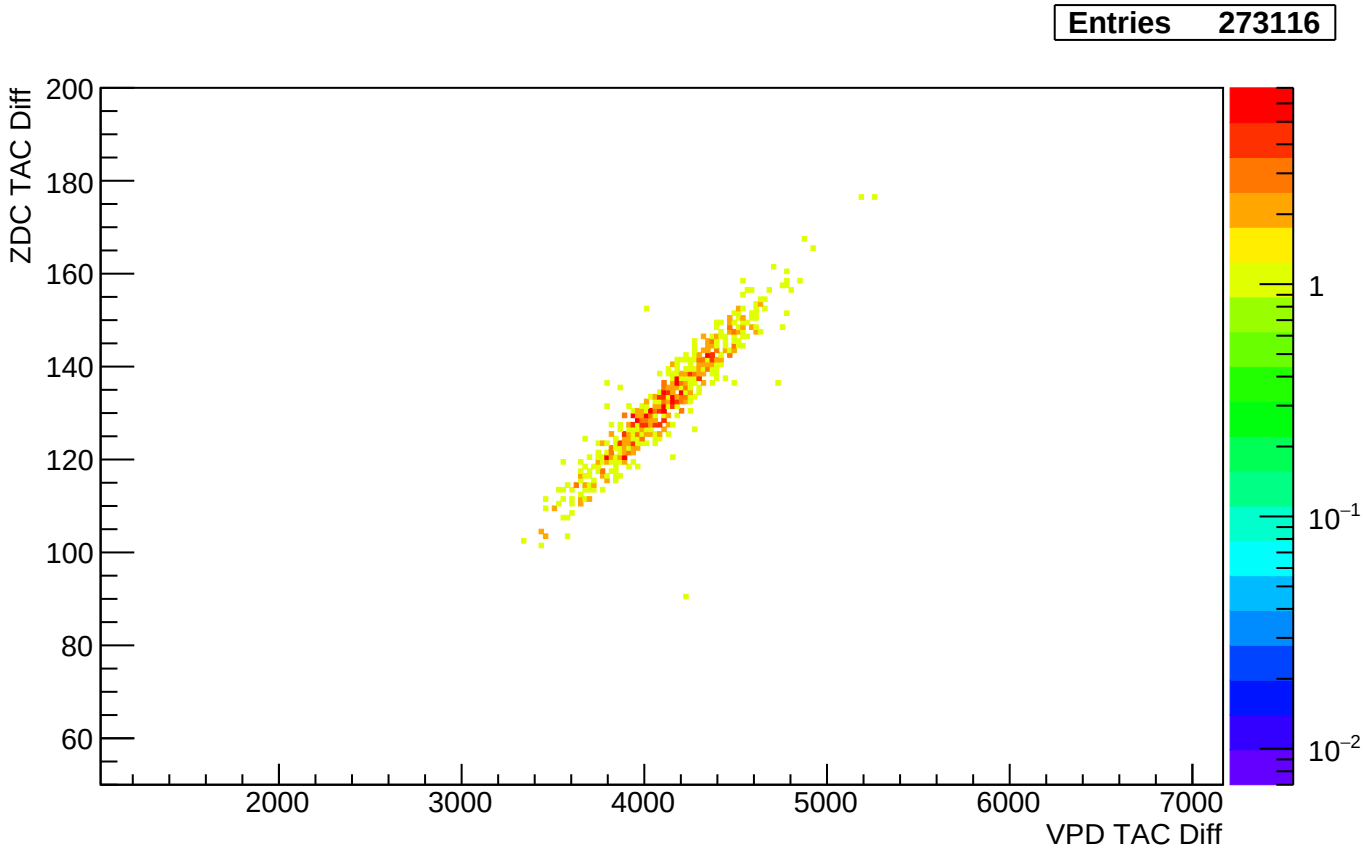

Entries 273116
TOF-Mult
EPD-East Hit Cnt

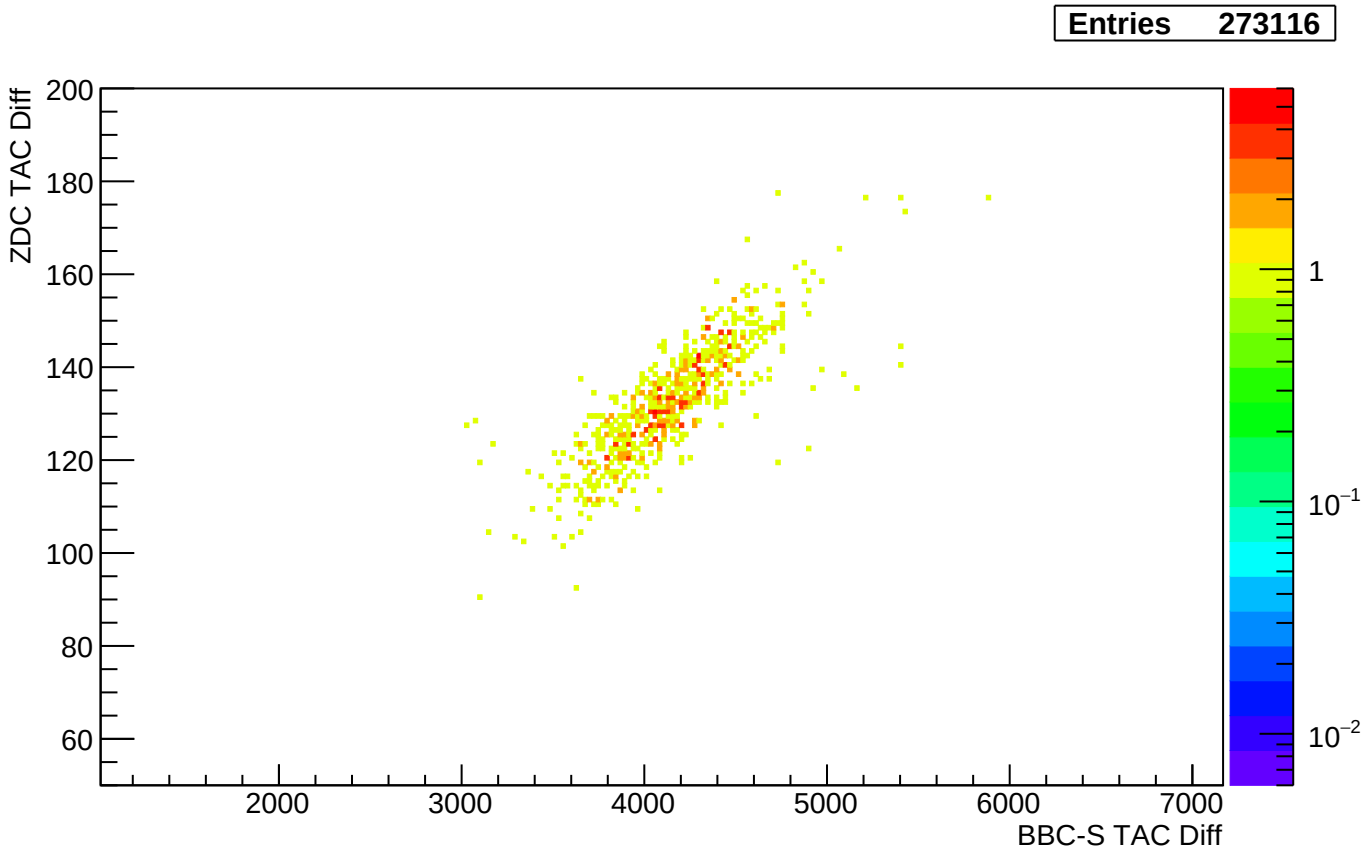

Entries 273116
TOF-Mult
EPD-West Hit Cnt

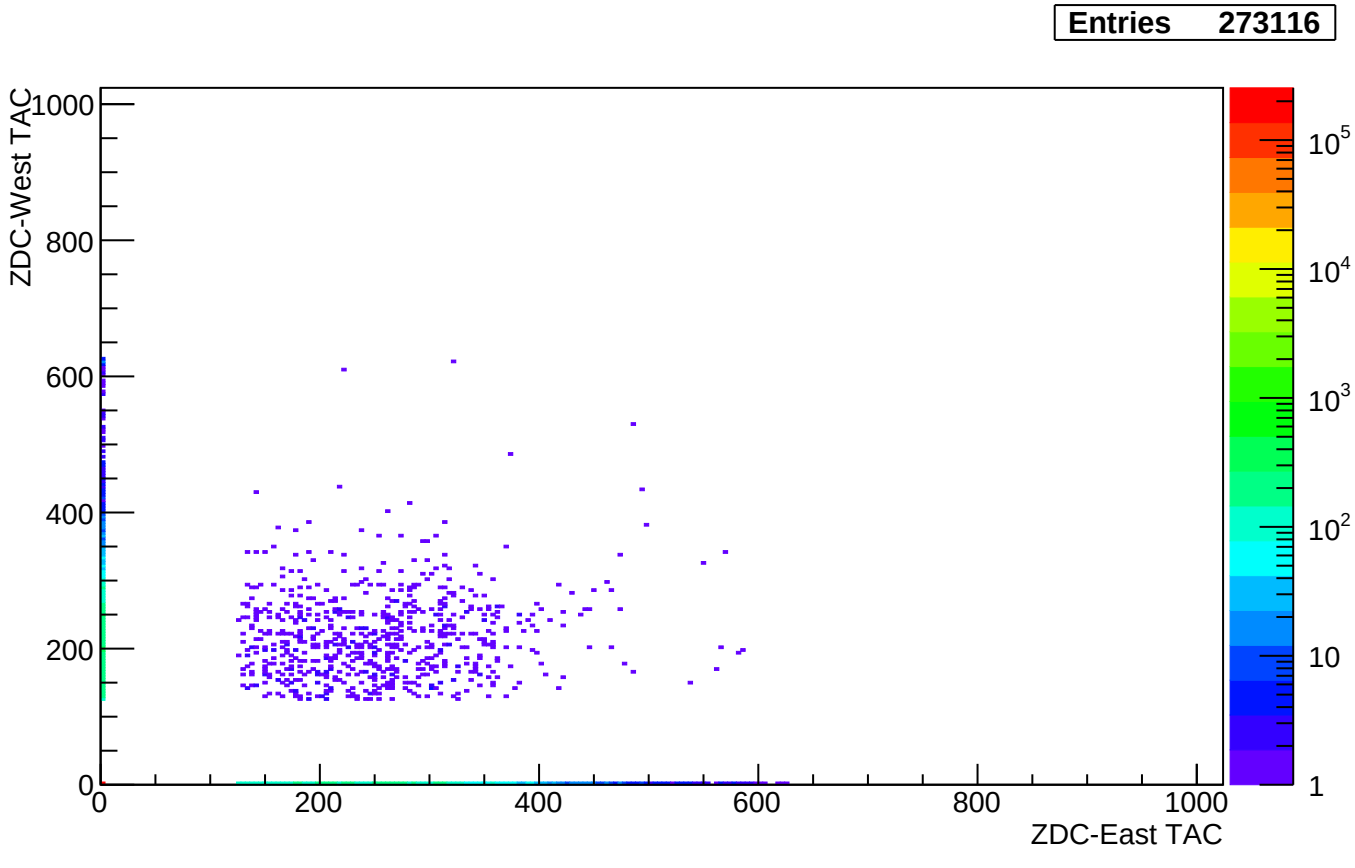

Entries 273116
TOF-Mult
VPD-East ADC Sum

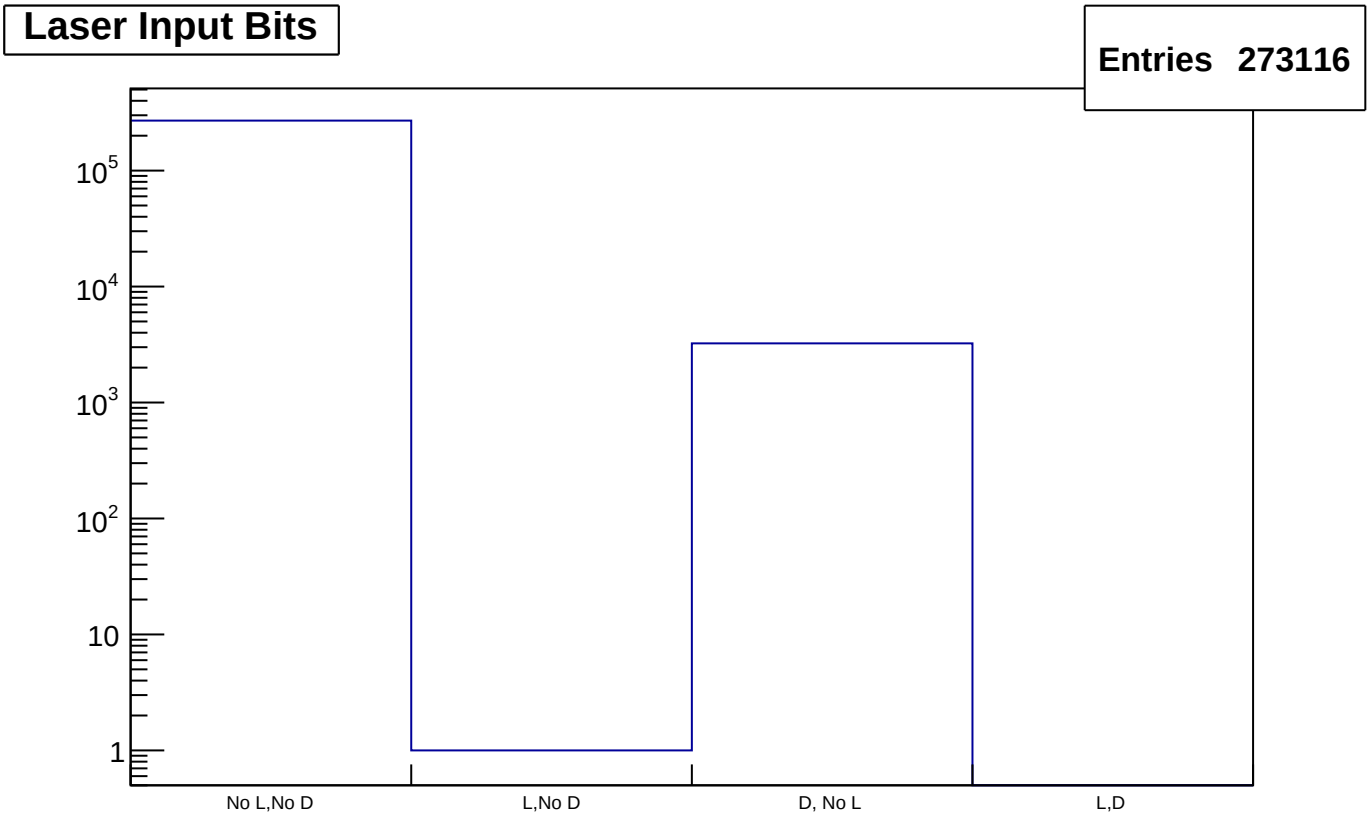

Entries 273116
TOF-Mult
VPD-West ADC Sum

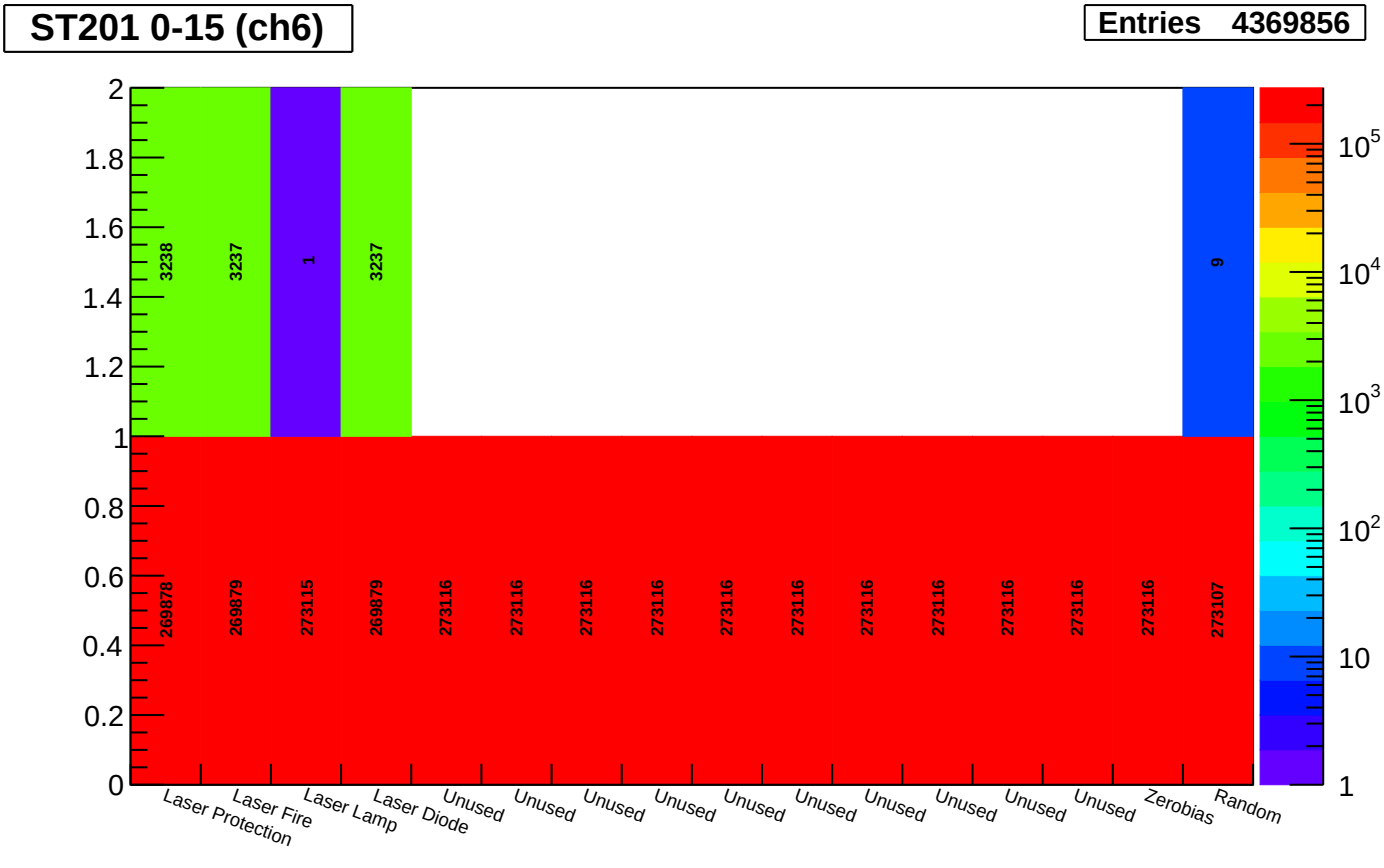

Entries 273116
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

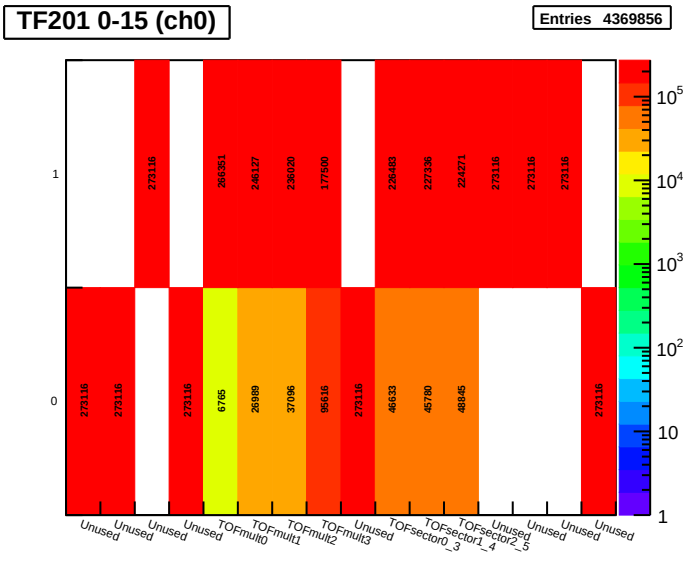

Entries 273116
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

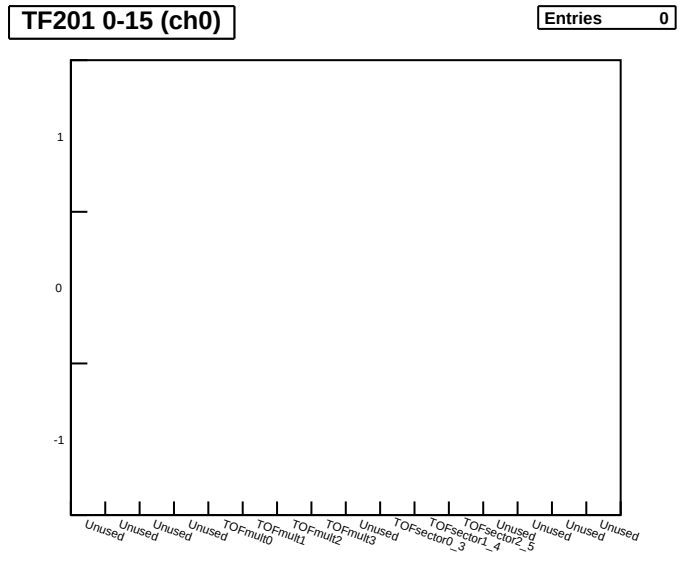

Entries 273116
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

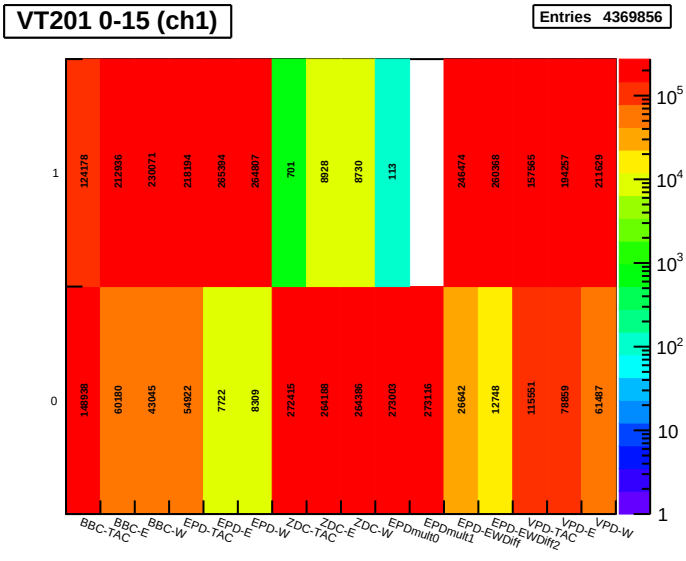

Entries 273116
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

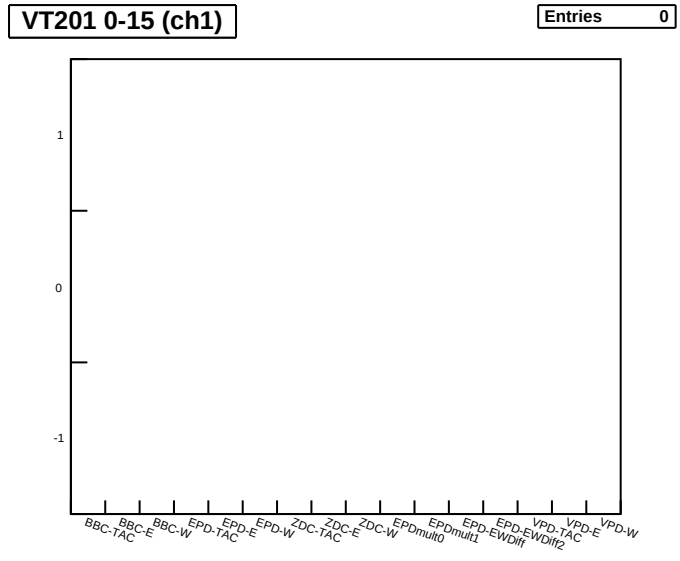

Laser Input Bits
Entries 273116
10^5
10^4
10^3
10^2
10
1
No L,No D
L,No D
D, No L
L,D

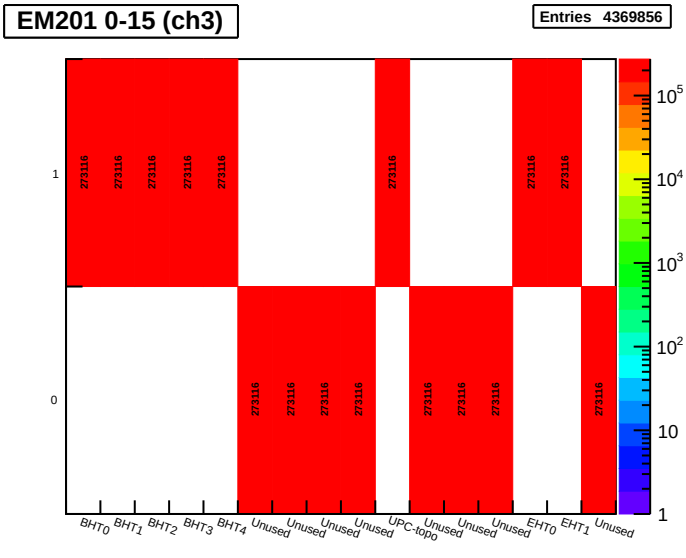

ST201 0-15 (ch6)
Entries 4369856
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
3238
3237
1
3237
9
269878
269879
273115
269879
273116
273116
273116
273116
273116
273116
273116
273116
273116
273116
273116
273107
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

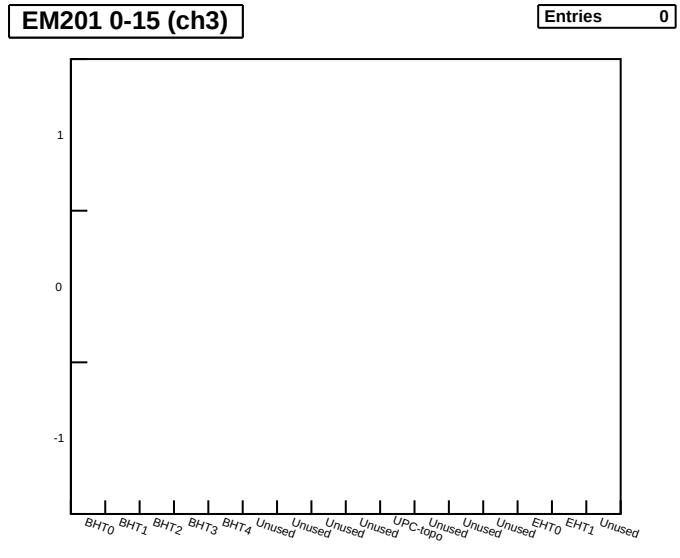

TF201 0-15 (ch0)
Entries 4369856
1
0
273116
266351
246127
236020
177500
226483
227336
224271
273116
273116
273116
273116
273116
6765
26989
37096
95616
273116
46633
45780
48845
273116
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 4369856
1
0
124178
212936
230071
218194
265394
264807
701
8928
8730
113
246474
260368
157565
194257
211629
148938
60180
43045
54922
7722
8309
272415
264188
264386
273003
273116
26642
12748
115551
78859
61487
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 4369856
1
0
273116
273116
273116
273116
273116
273116
273116
273116
273116
273116
273116
273116
273116
273116
273116
273116
273116
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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