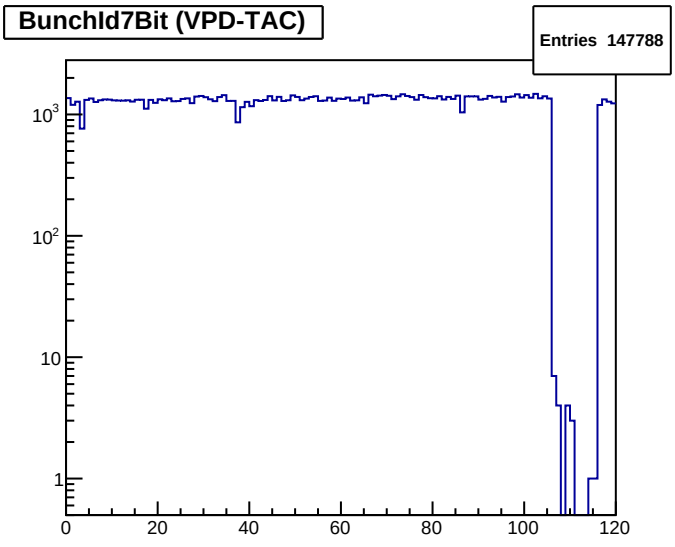
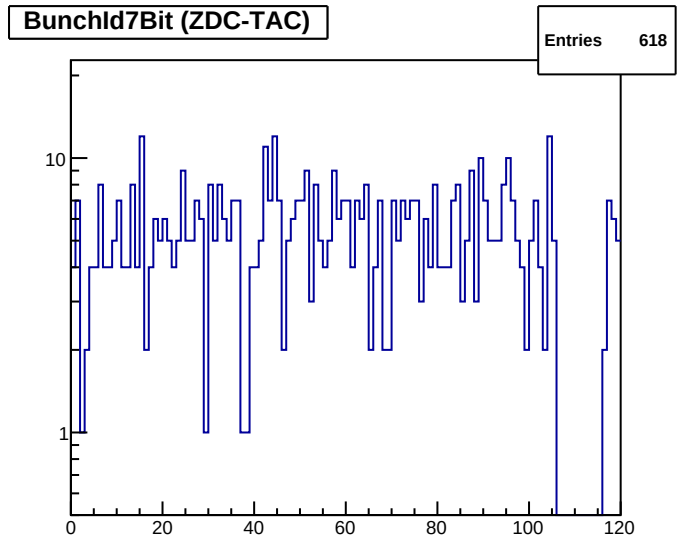
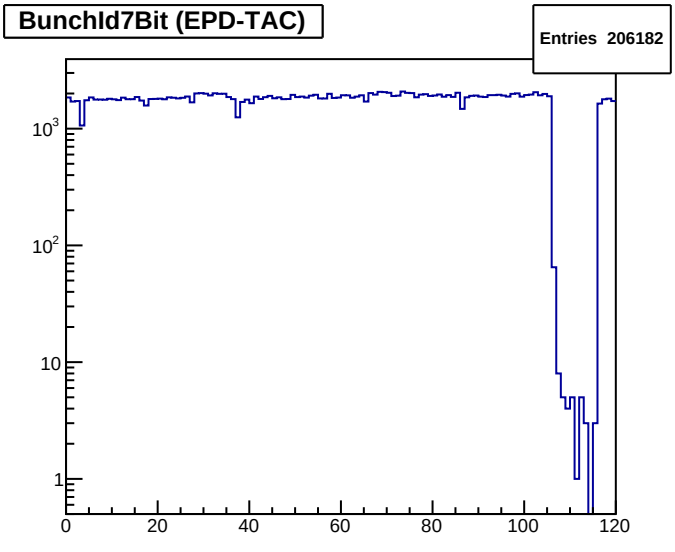
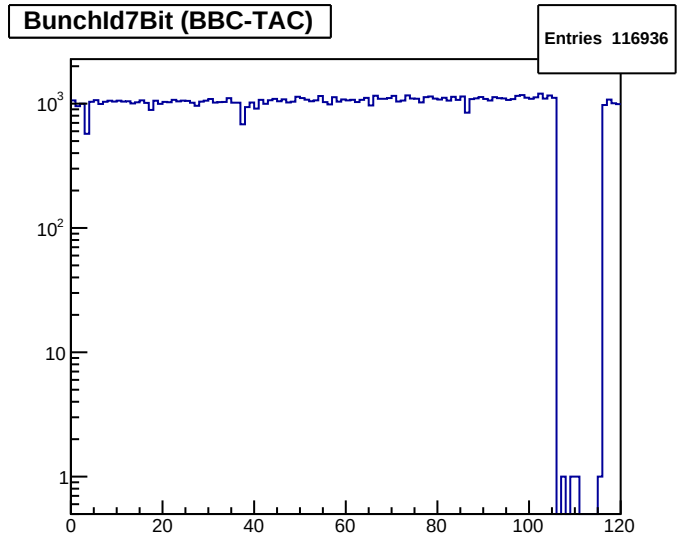
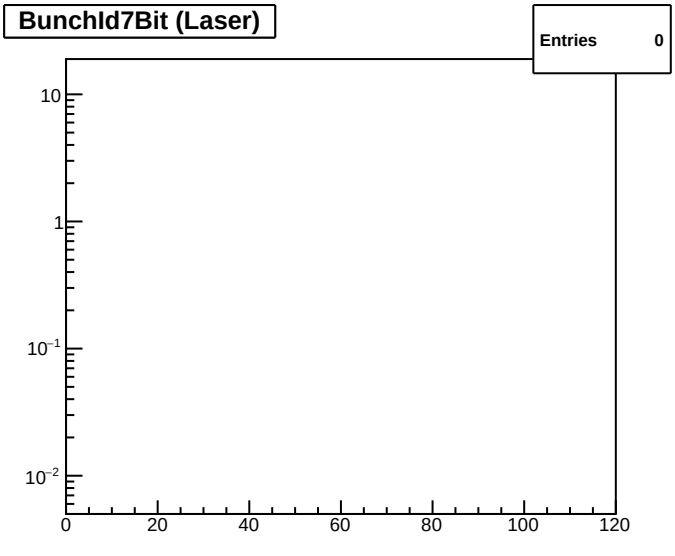
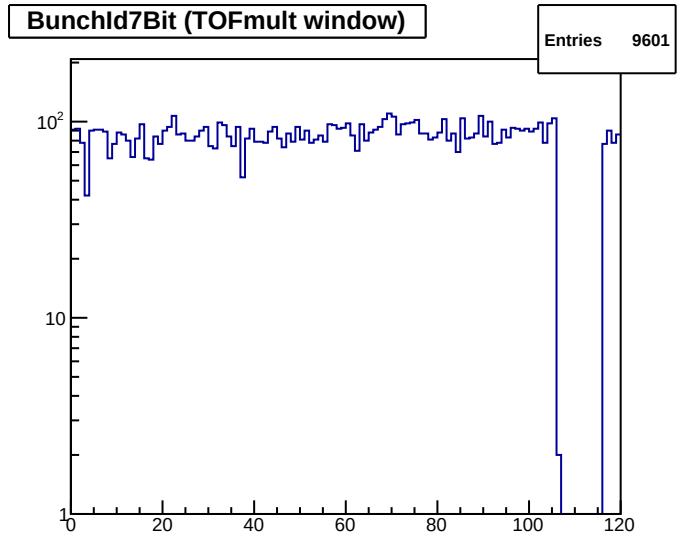

BunchId7Bit (VPD-TAC)
Entries 147788

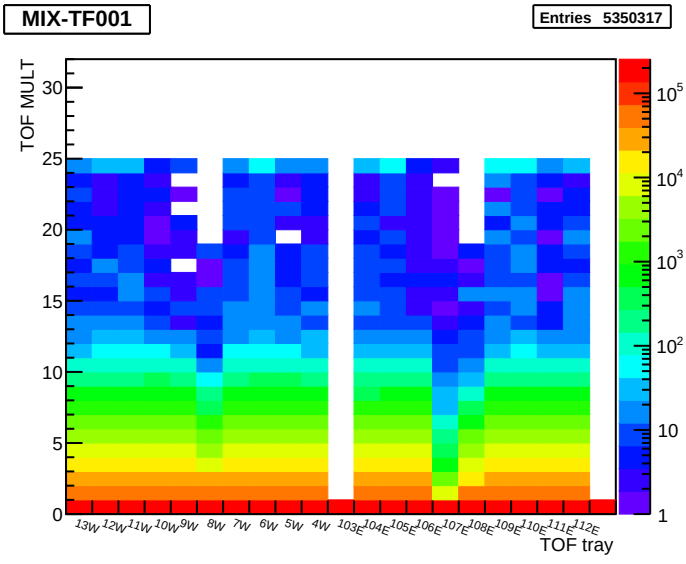

BunchId7Bit (ZDC-TAC)
Entries 618

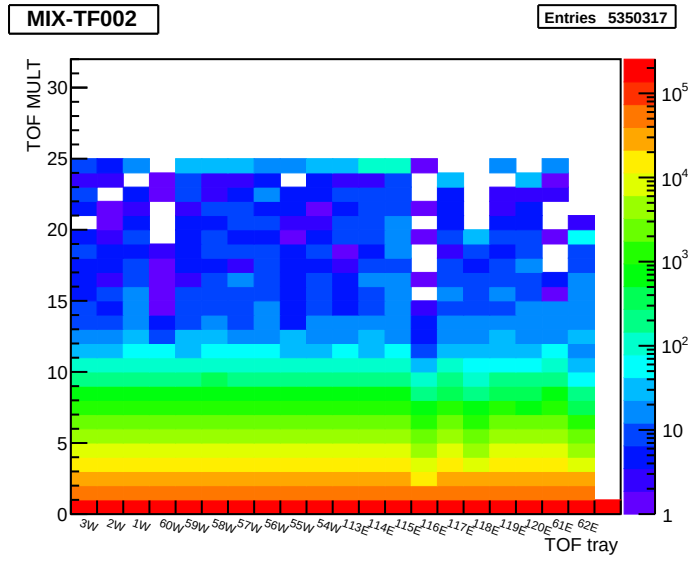

BunchId7Bit (EPD-TAC)
Entries 206182

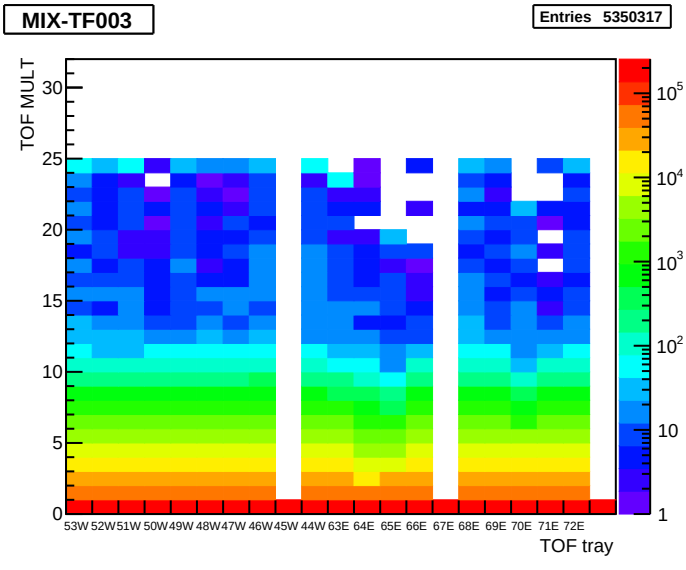

BunchId7Bit (BBC-TAC)
Entries 116936

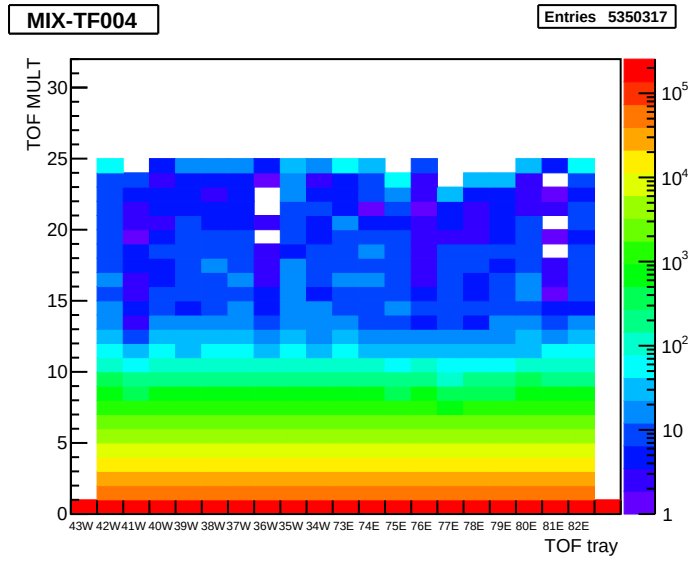

BunchId7Bit (Laser)
Entries 0

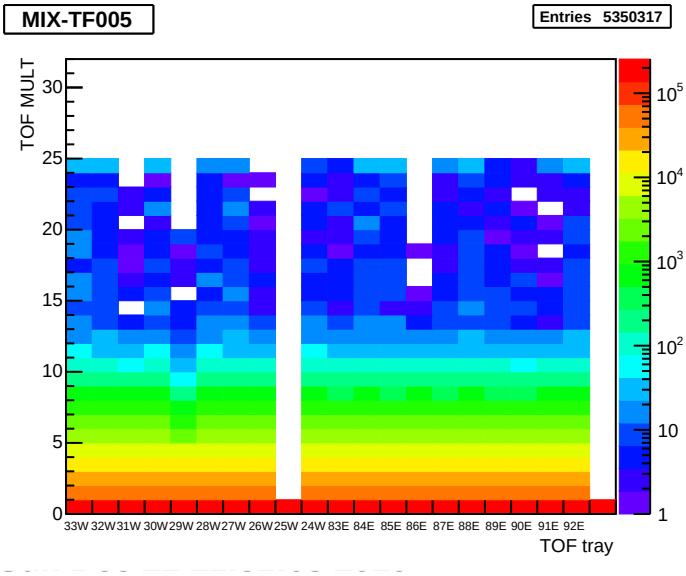

BunchId7Bit (TOFmult window)
Entries 9601

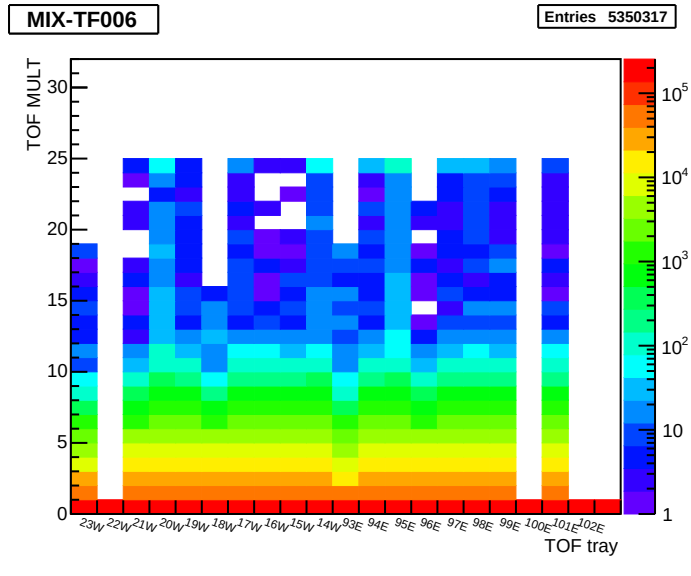

MIX-TF001
Entries 5350317
TOF MULT
TOF tray

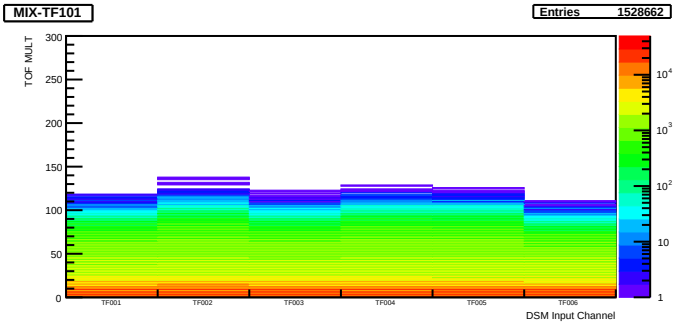

MIX-TF002
Entries 5350317
TOF MULT
TOF tray

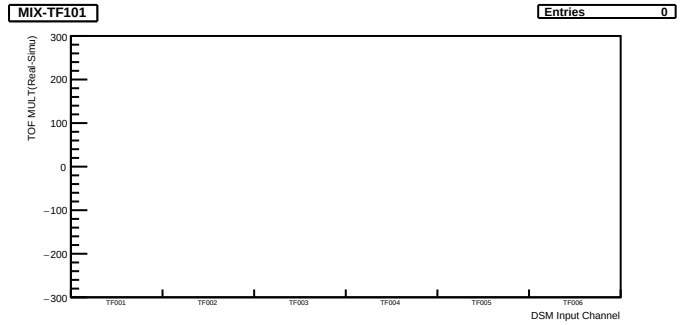

MIX-TF003
Entries 5350317
TOF MULT
TOF tray

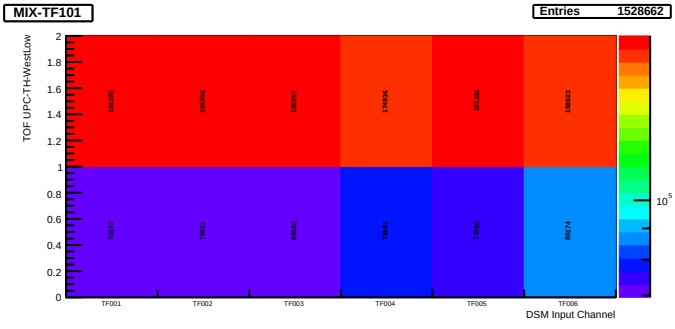

MIX-TF004
Entries 5350317
TOF MULT
TOF tray

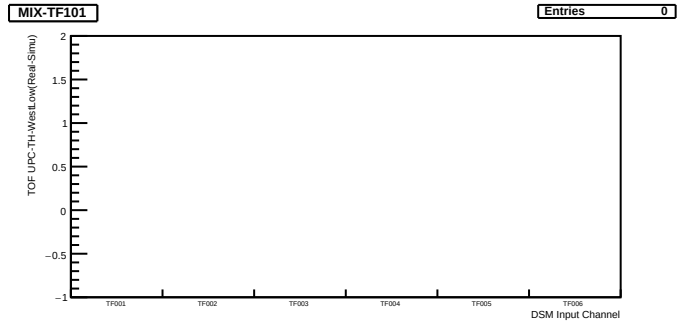

MIX-TF005
Entries 5350317
TOF MULT
TOF tray

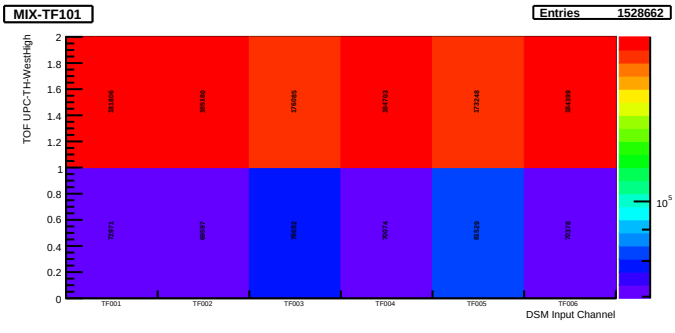

MIX-TF006
Entries 5350317
TOF MULT
TOF tray

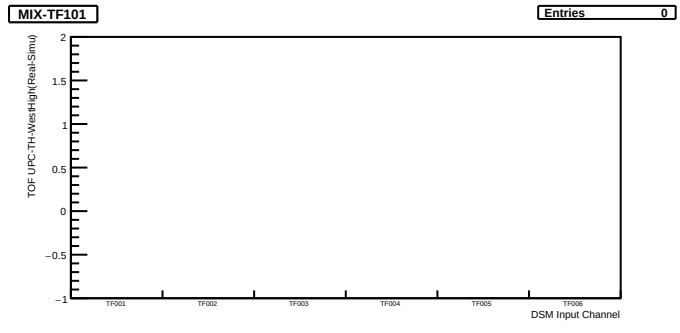

MIX-TF101
Entries 1528662
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

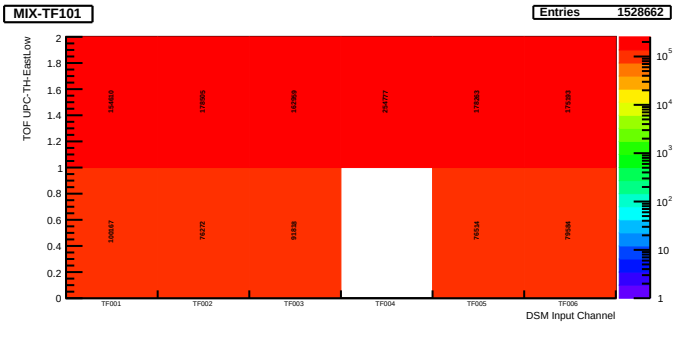

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

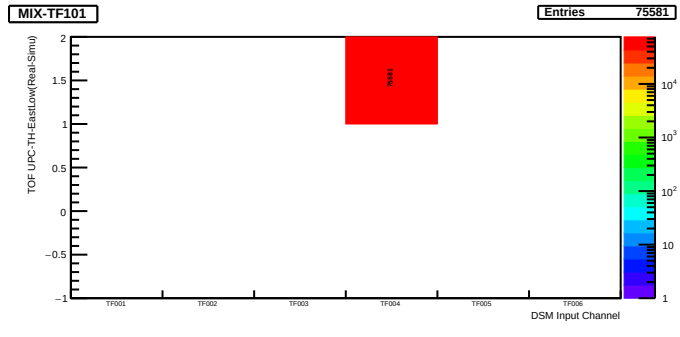

MIX-TF101
Entries 1528662
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

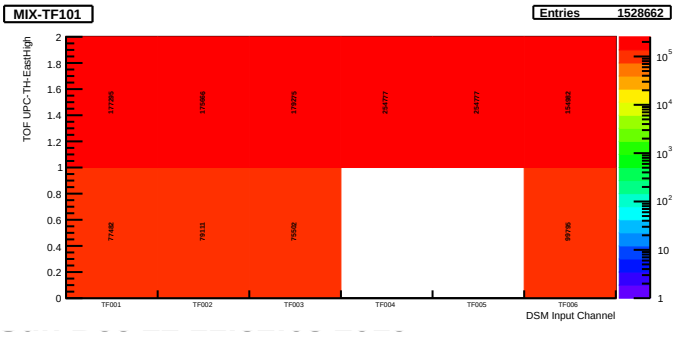

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

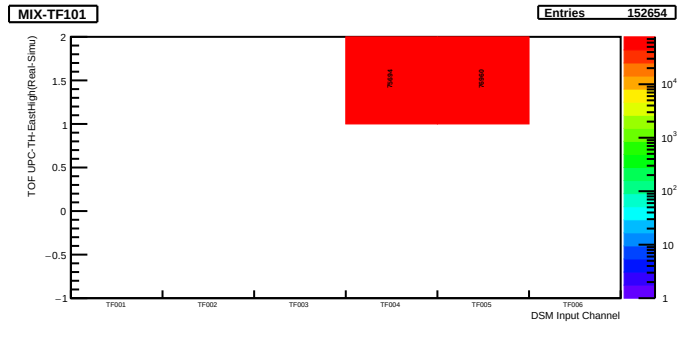

MIX-TF101
Entries 1528662
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

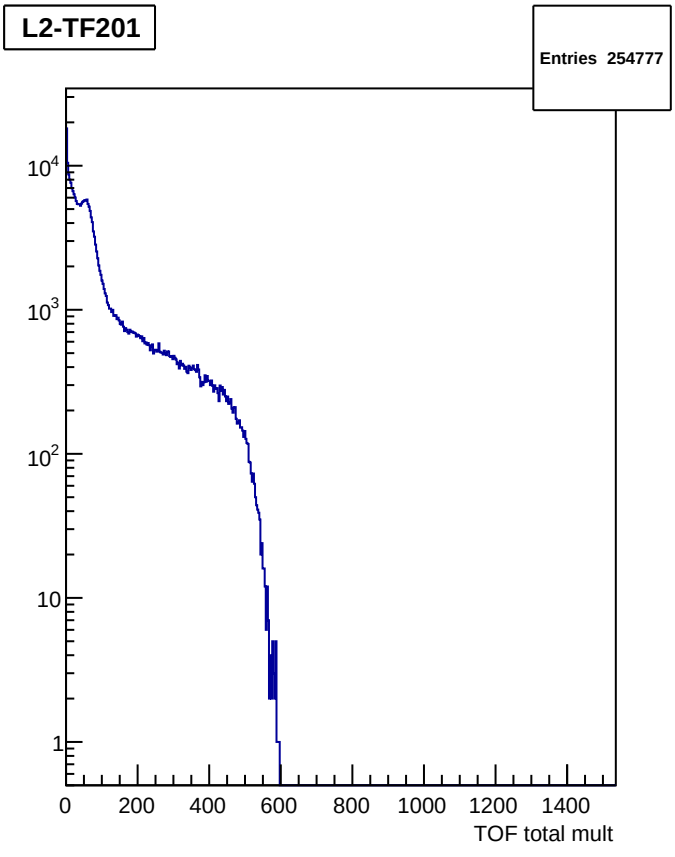

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

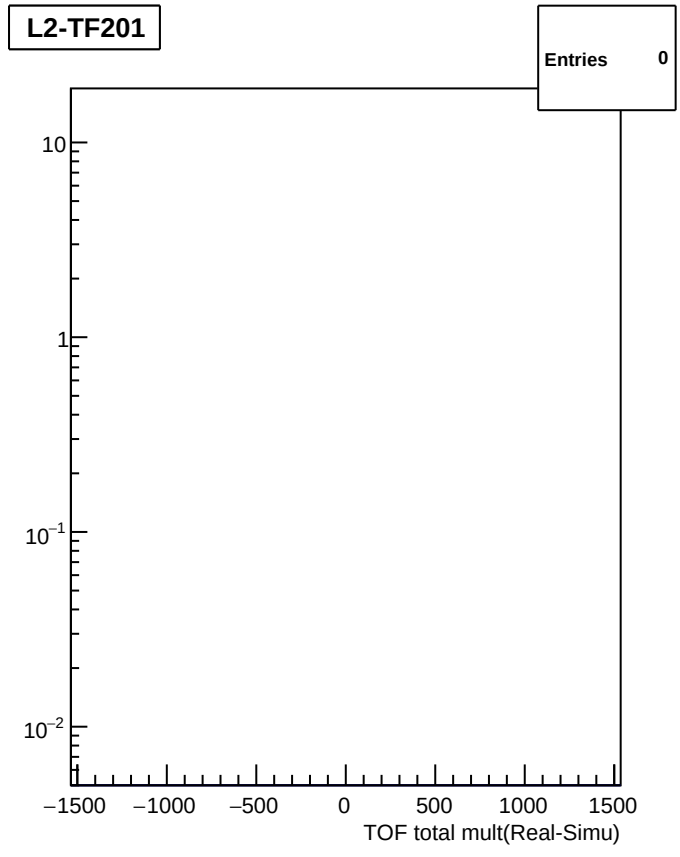

MIX-TF101
Entries 1528662
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

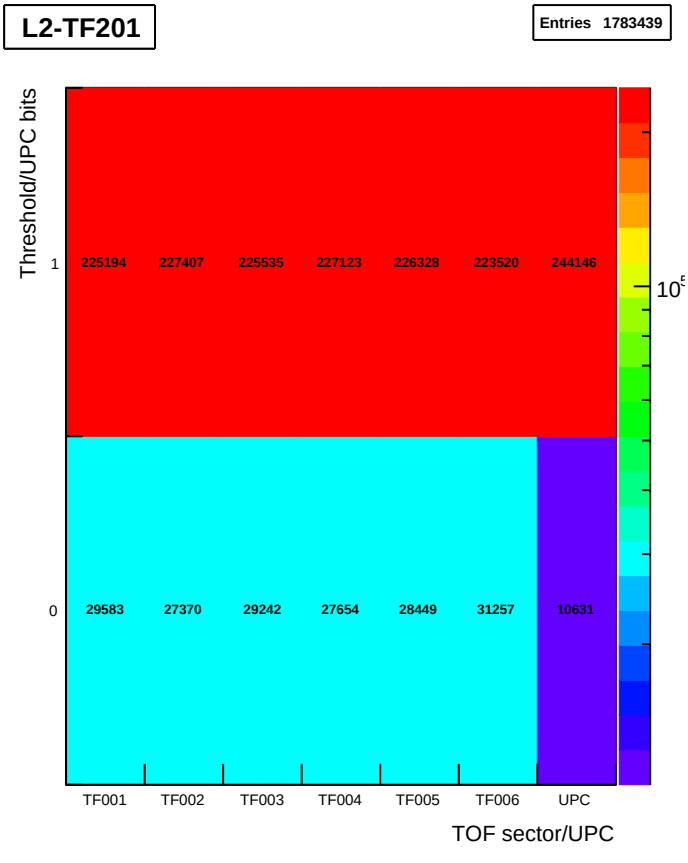

MIX-TF101
Entries 75581
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

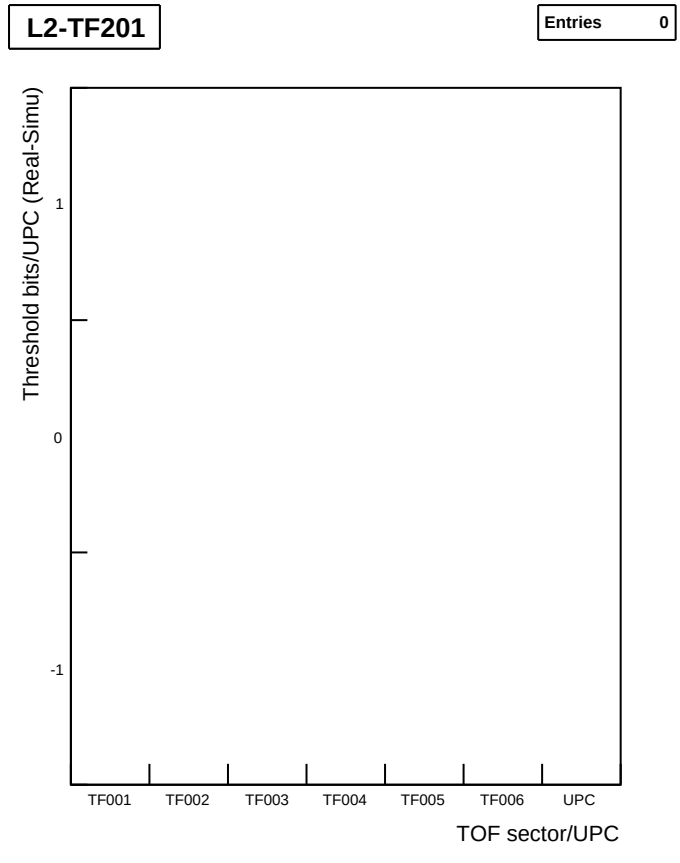

MIX-TF101
Entries 1528662
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

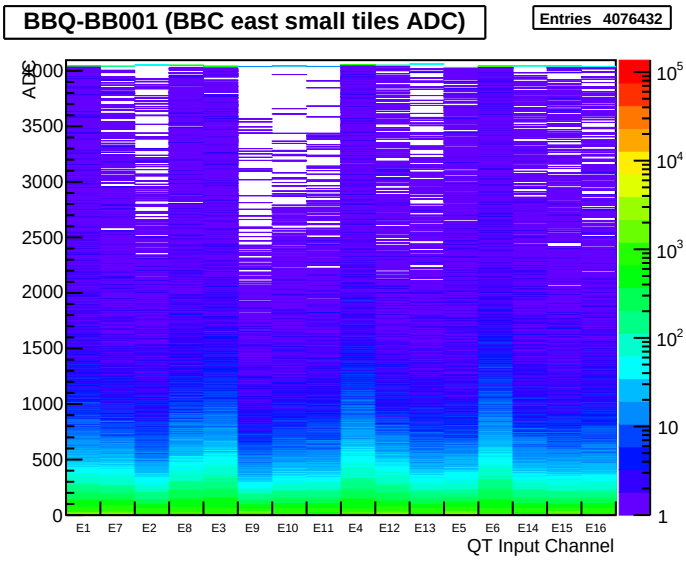

MIX-TF101
Entries 152654
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

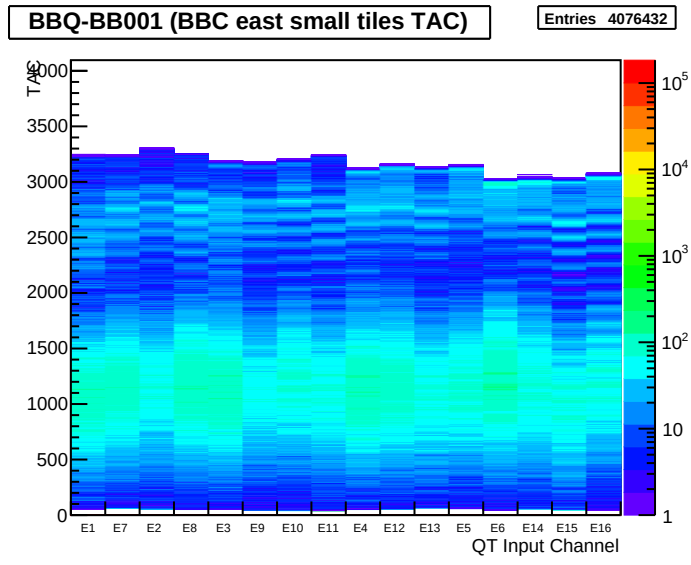

L2-TF201
Entries 254777
TOF total mult

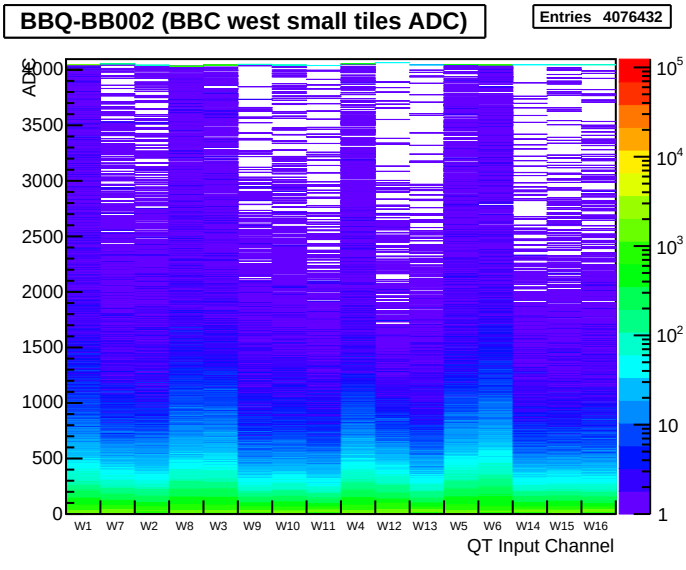

L2-TF201
Entries 0
TOF total mult(Real-Simu)

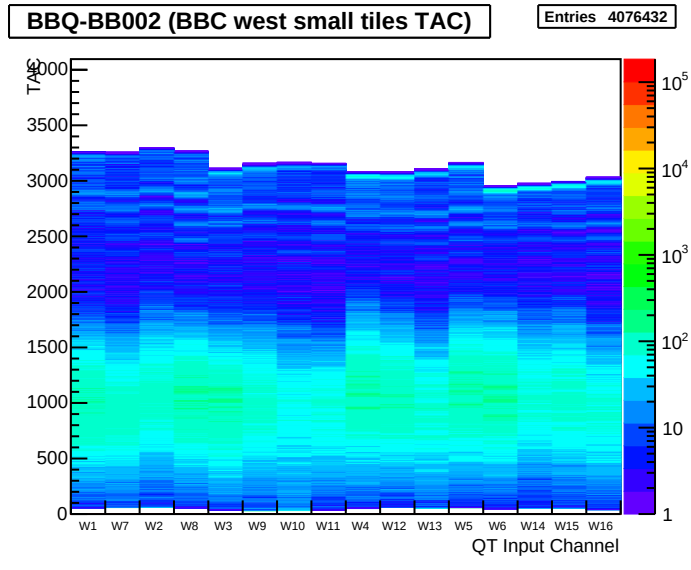

L2-TF201
Entries 1783439
Threshold/UPC bits
225194
227407
225535
227123
226328
223520
244146
29583
27370
29242
27654
28449
31257
10631
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

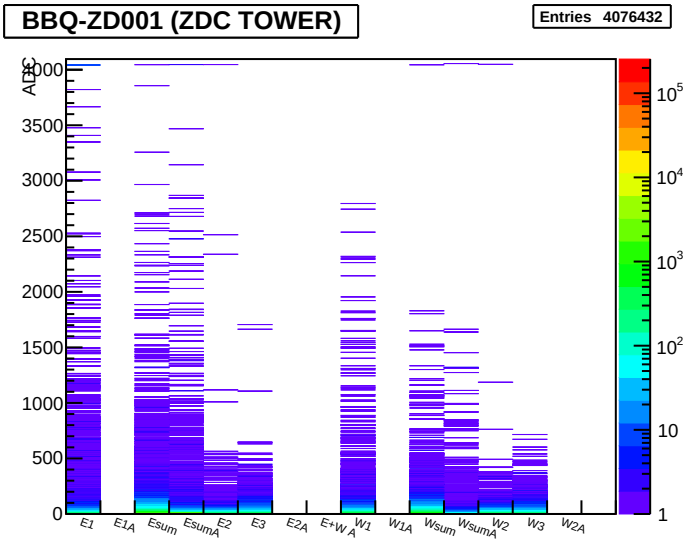

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

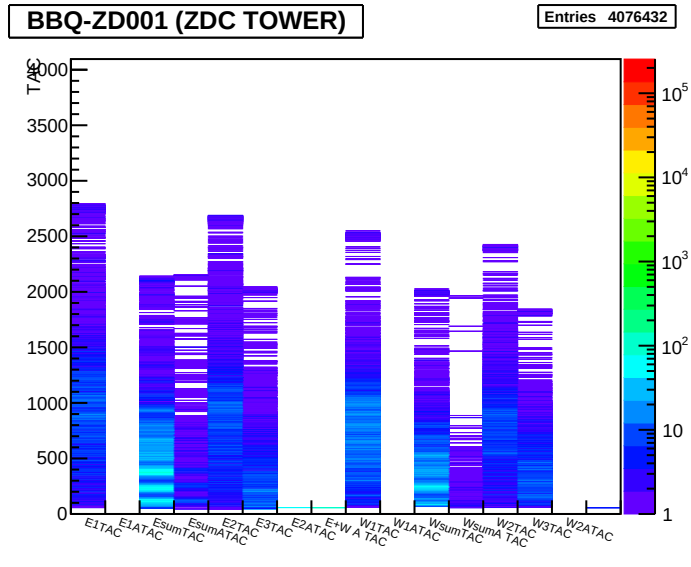

BBQ-BB001 (BBC east small tiles ADC)
Entries 4076432
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

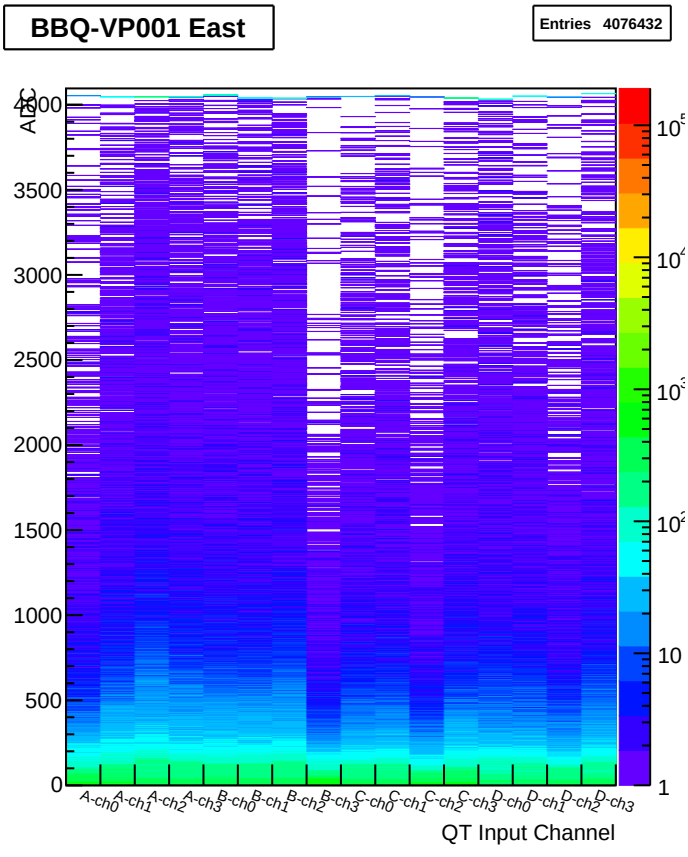

BBQ-BB001 (BBC east small tiles TAC)
Entries 4076432
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

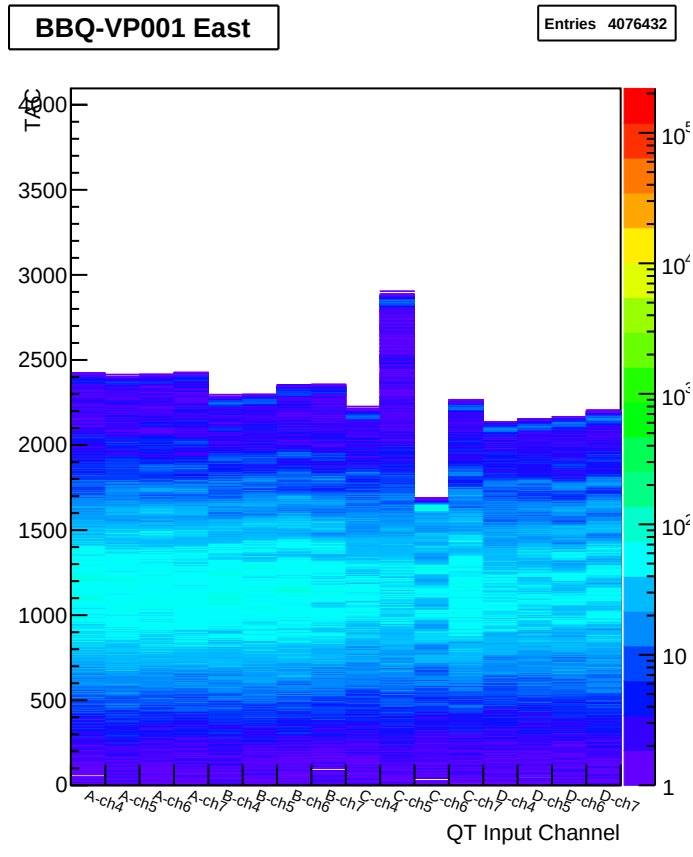

BBQ-BB002 (BBC west small tiles ADC)
Entries 4076432
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

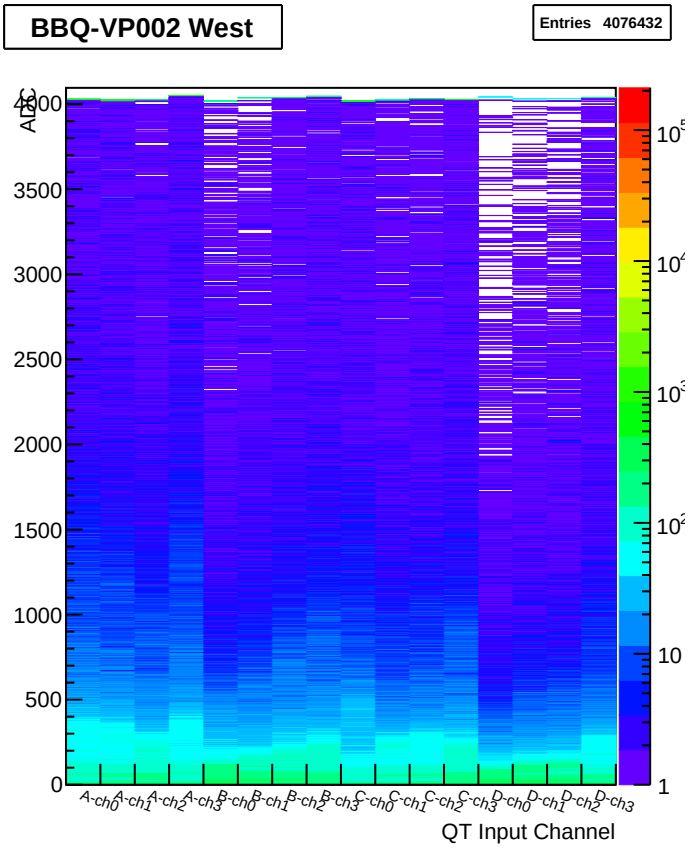

BBQ-BB002 (BBC west small tiles TAC)
Entries 4076432
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

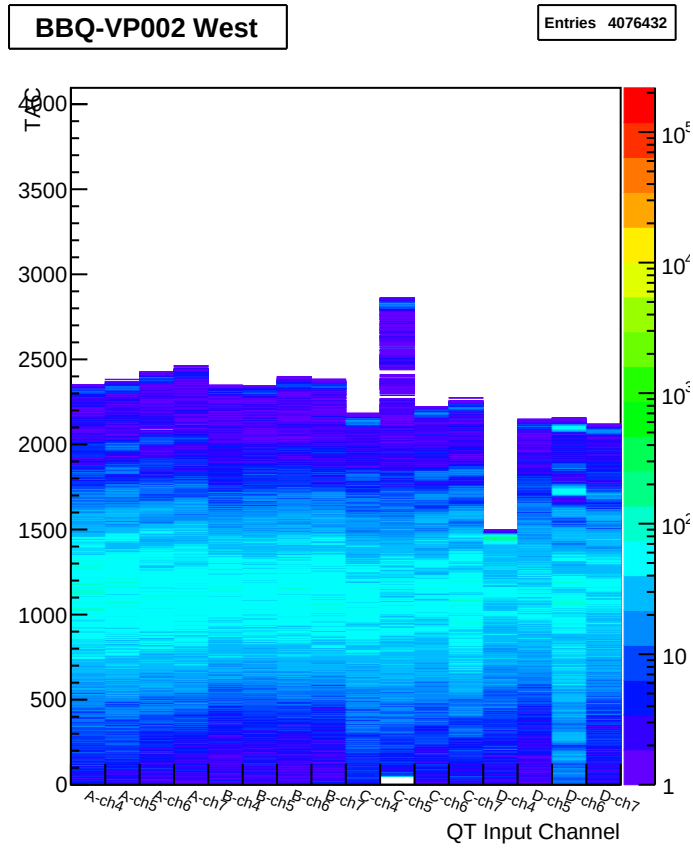

BBQ-ZD001 (ZDC TOWER)
Entries 4076432
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

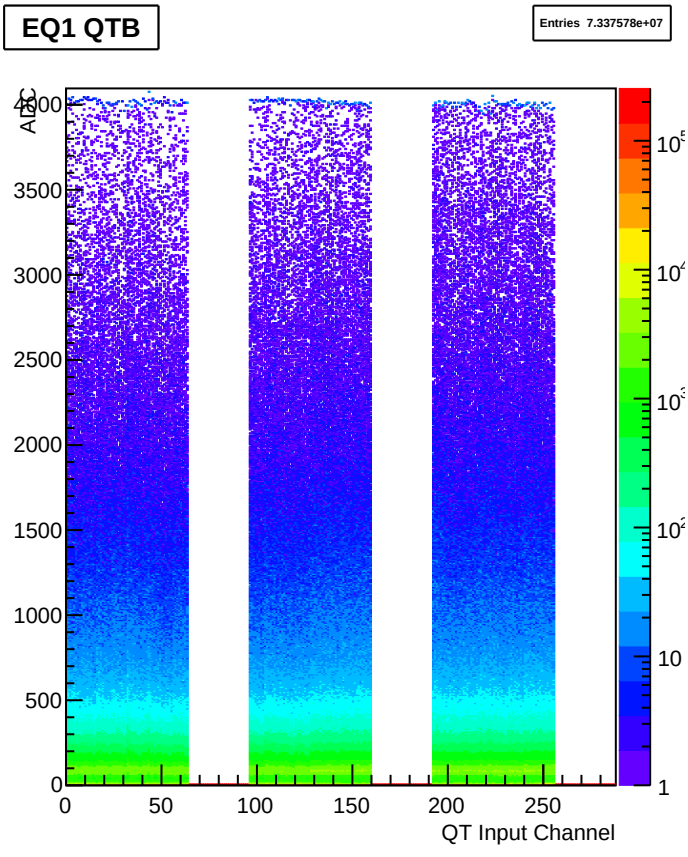

BBQ-ZD001 (ZDC TOWER)
Entries 4076432
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

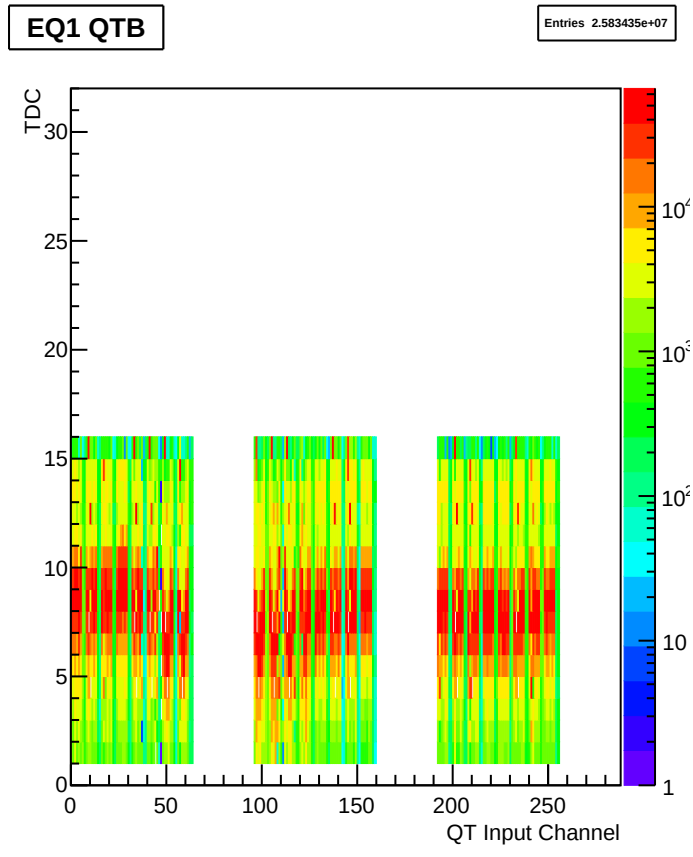

BBQ-VP001 East
Entries 4076432
ADC
QT Input Channel

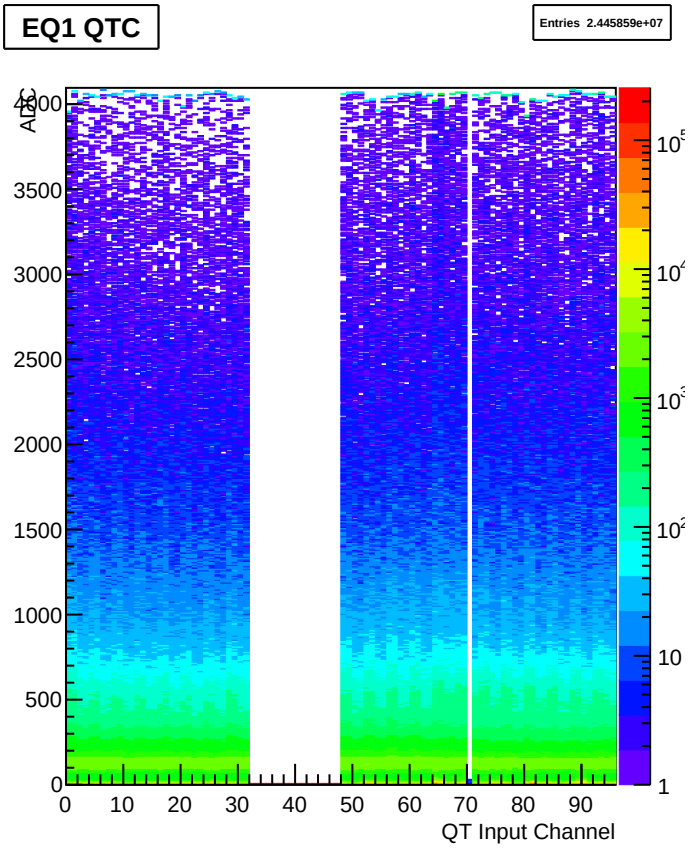

BBQ-VP001 East
Entries 4076432
ADC
QT Input Channel

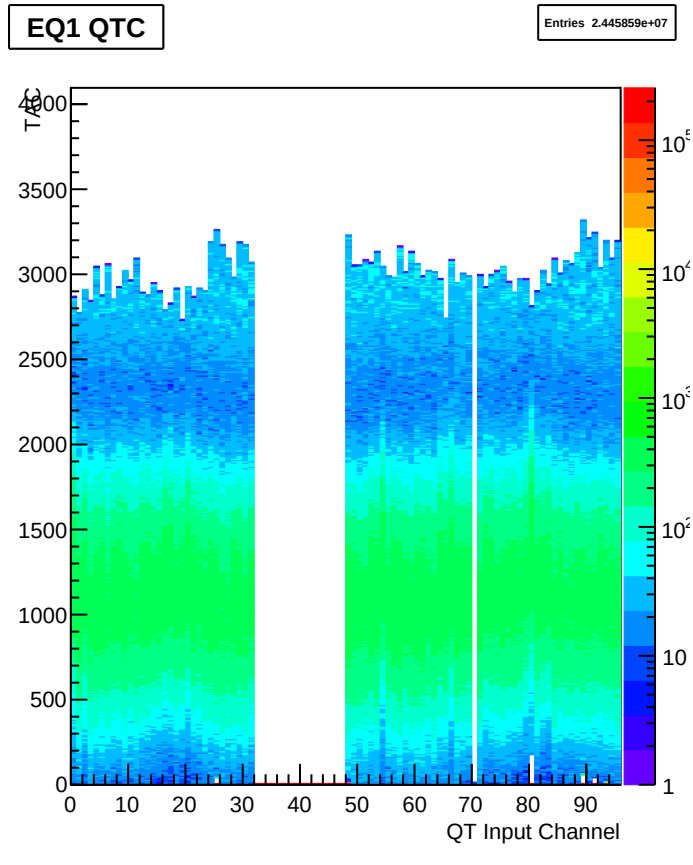

BBQ-VP002 West
Entries 4076432
ADC
QT Input Channel

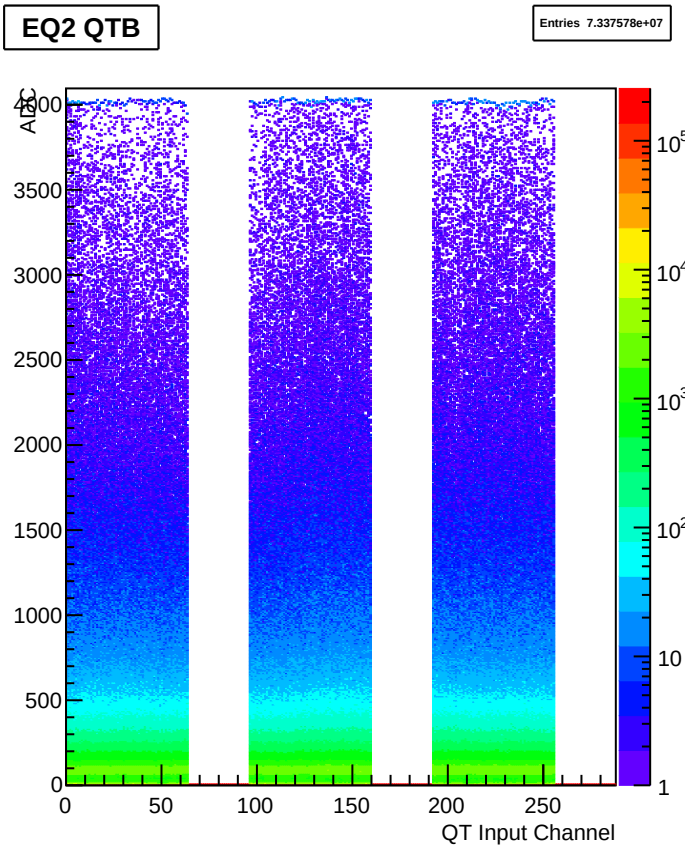

BBQ-VP002 West
Entries 4076432
ADC
QT Input Channel

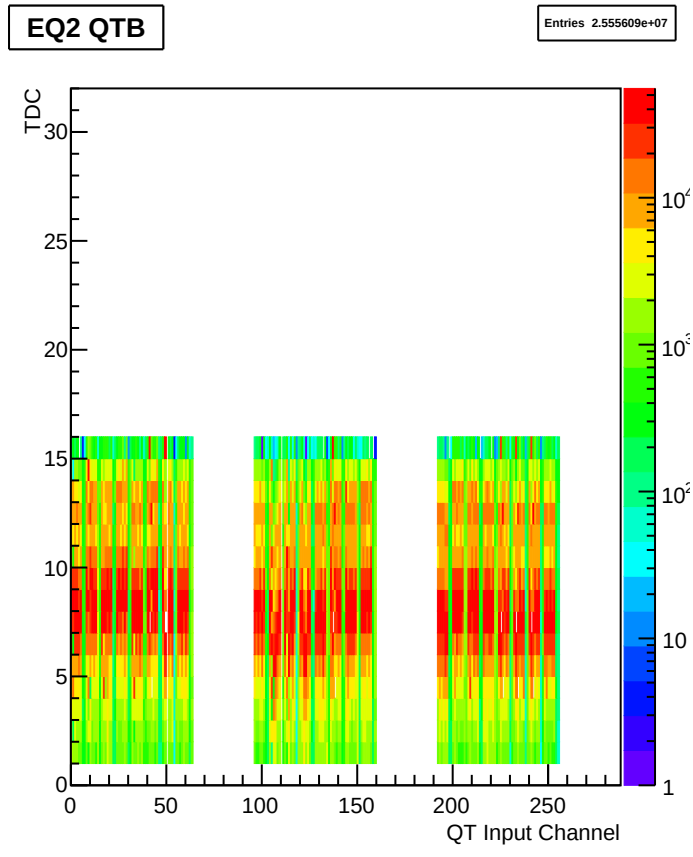

EQ1 QTB
Entries 7.337578e+07
ADC
QT Input Channel

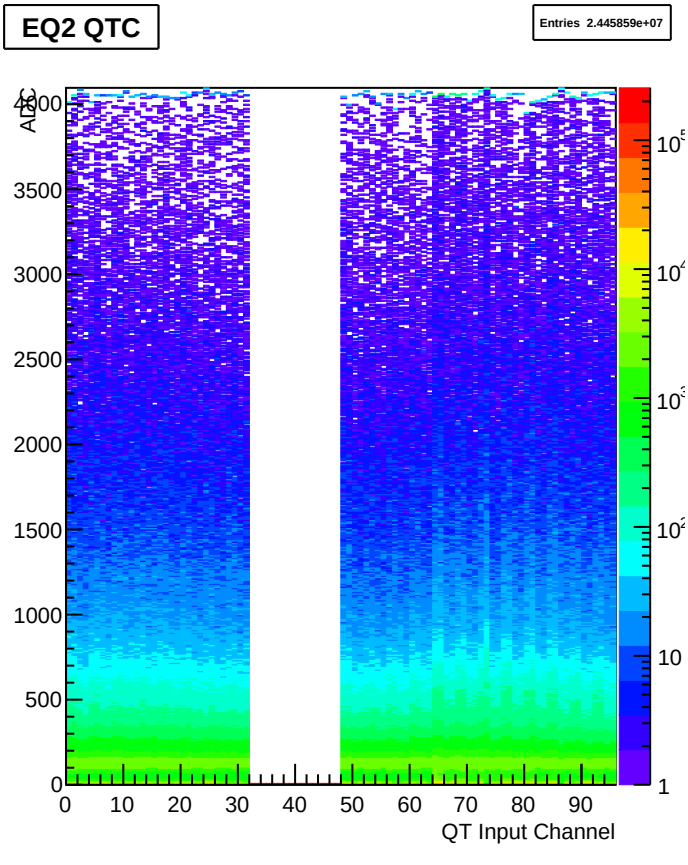

EQ1 QTB
Entries 2.583435e+07
TDC
QT Input Channel

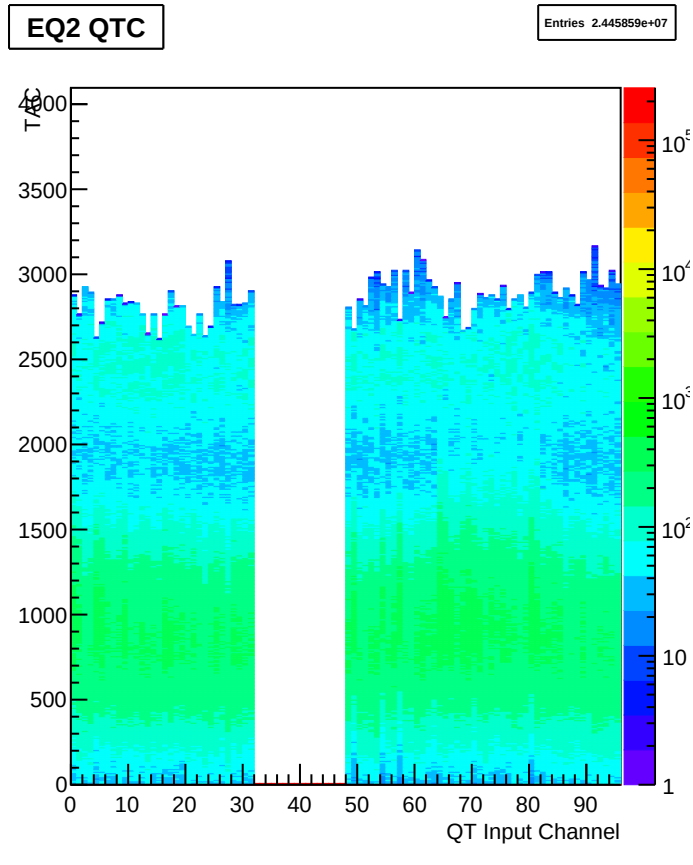

EQ1 QTC
Entries 2.445859e+07
ADC
QT Input Channel

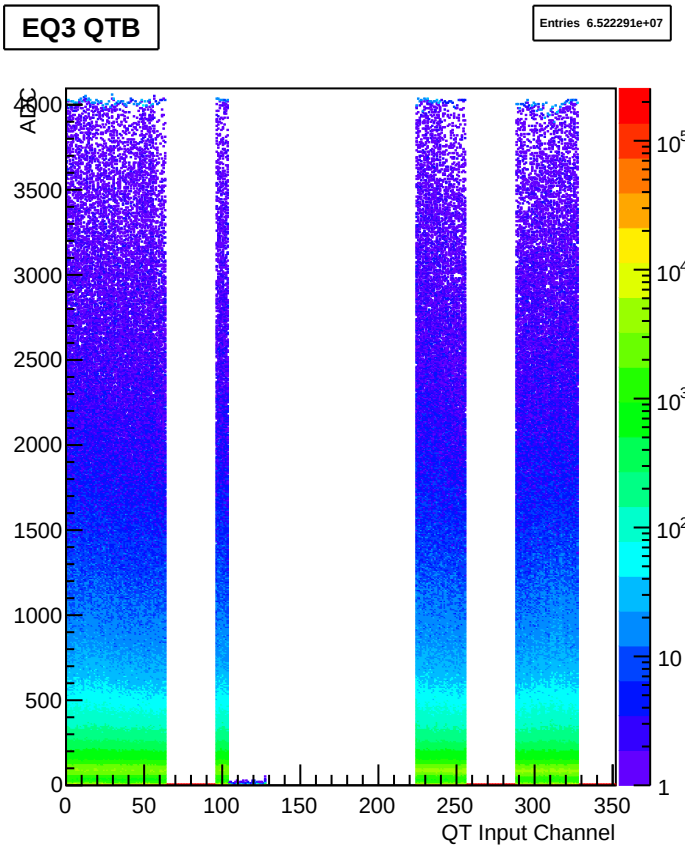

EQ1 QTC
Entries 2.445859e+07
TADC
QT Input Channel

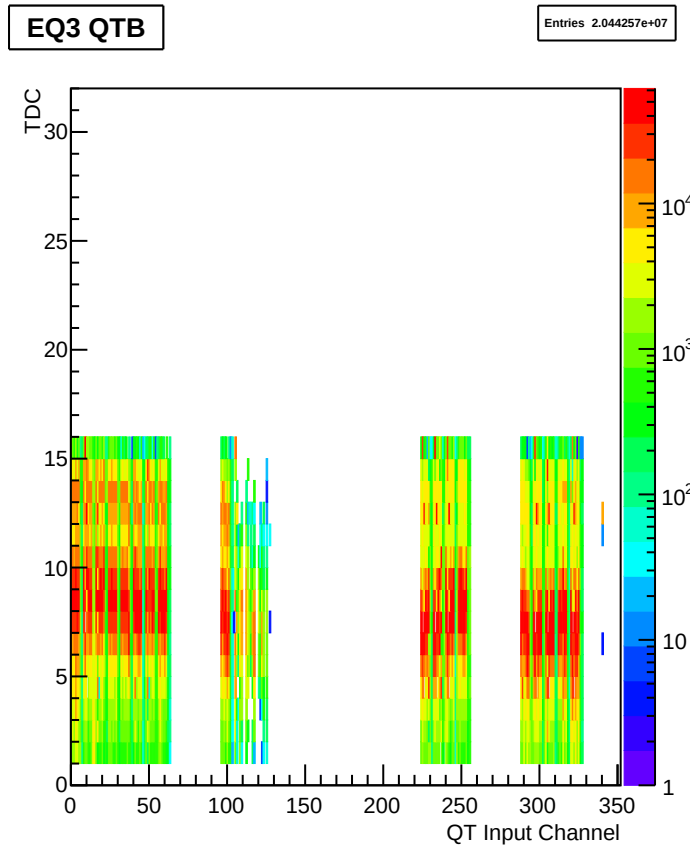

EQ2 QTB
Entries 7.337578e+07
ADC
QT Input Channel

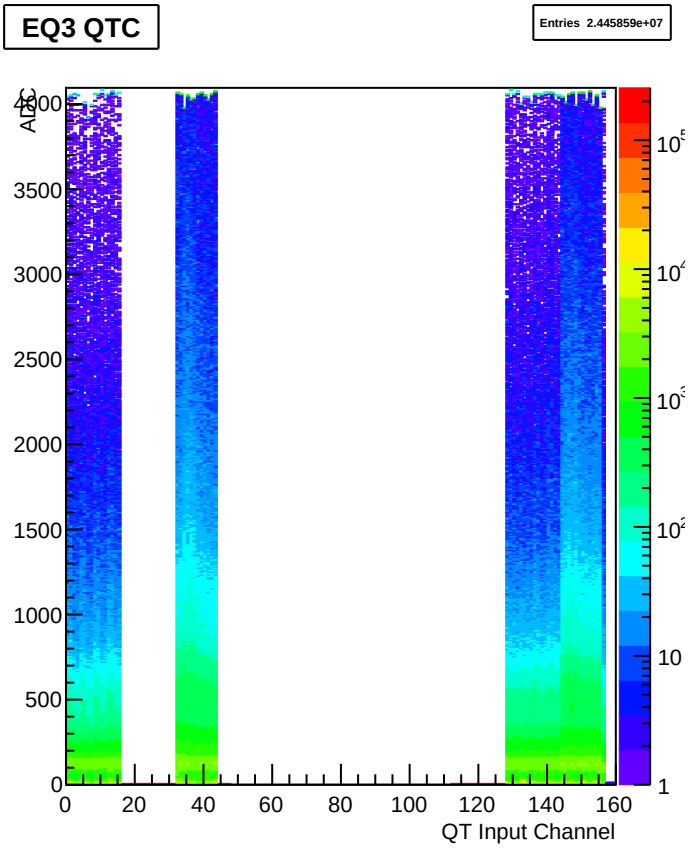

EQ2 QTB
Entries 2.555609e+07
TDC
QT Input Channel

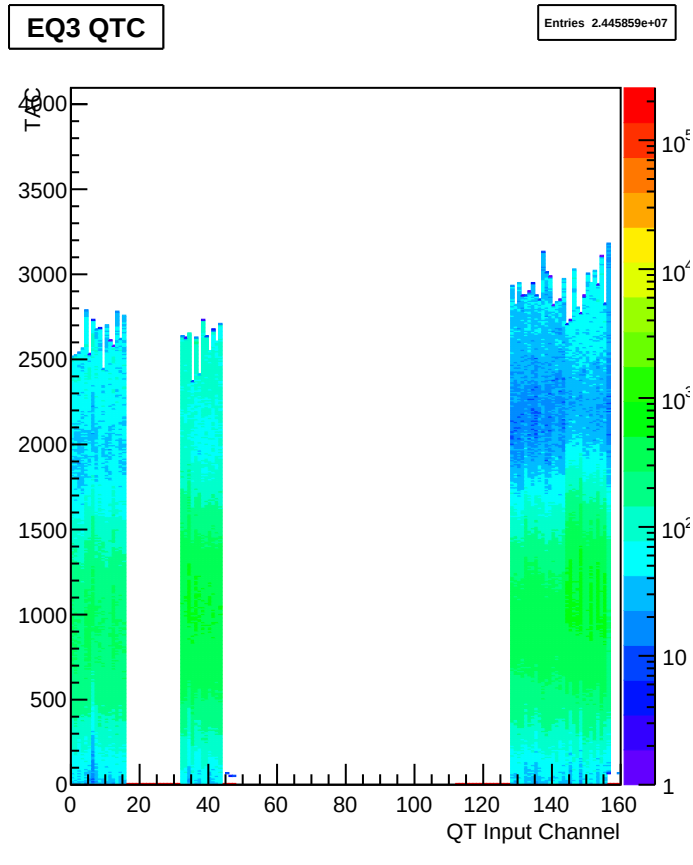

EQ2 QTC
Entries 2.445859e+07
ADC
QT Input Channel

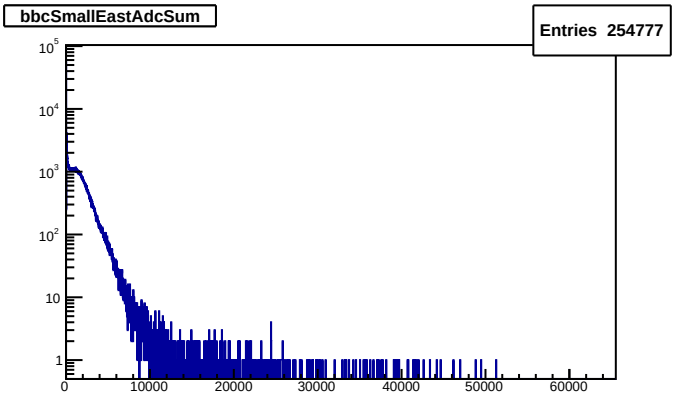

EQ2 QTC
Entries 2.445859e+07
TADC
QT Input Channel

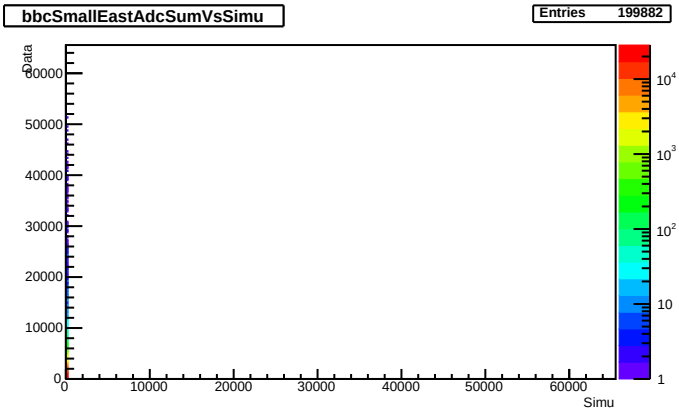

EQ3 QTB
Entries 6.522291e+07
ADC
QT Input Channel

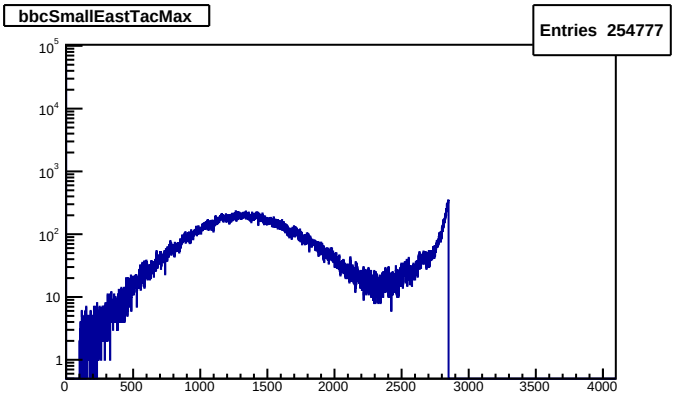

EQ3 QTB
Entries 2.044257e+07
TDC
QT Input Channel

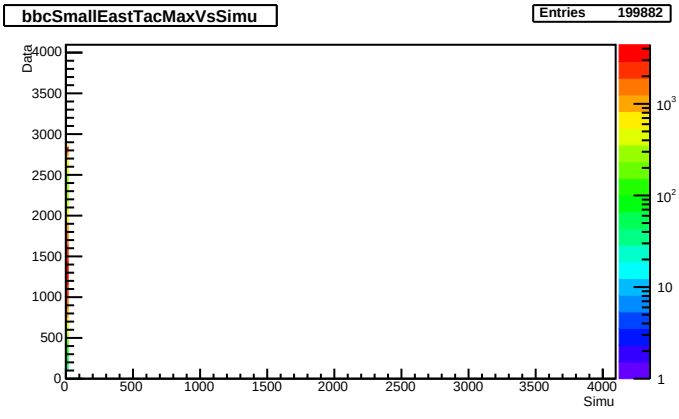

EQ3 QTC
Entries 2.445859e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.445859e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 254777


bbcSmallEastAdcSumVsSimu
Entries 199882
Data
Simu


bbcSmallEastTacMax
Entries 254777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Entries 199882
Data
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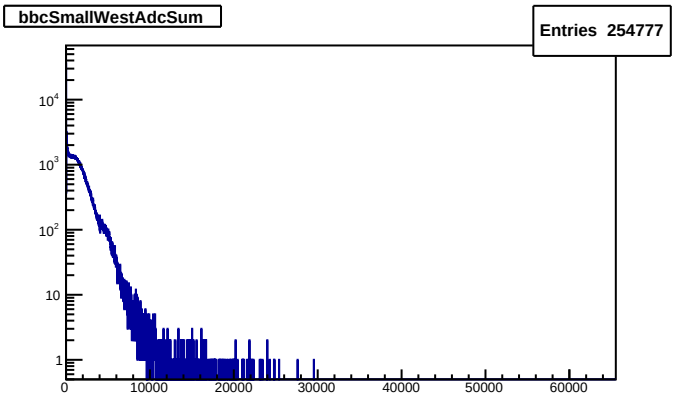
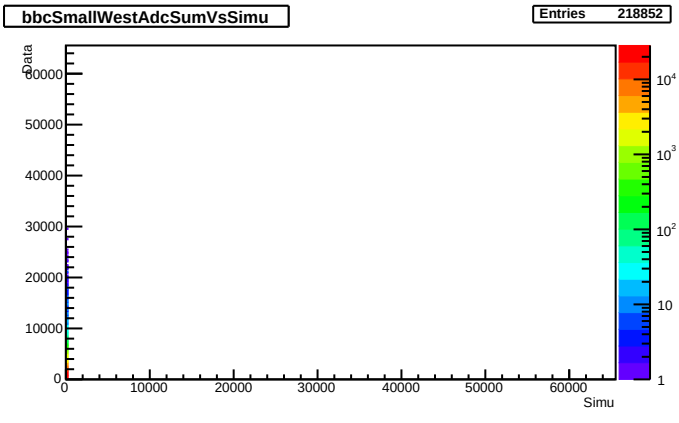
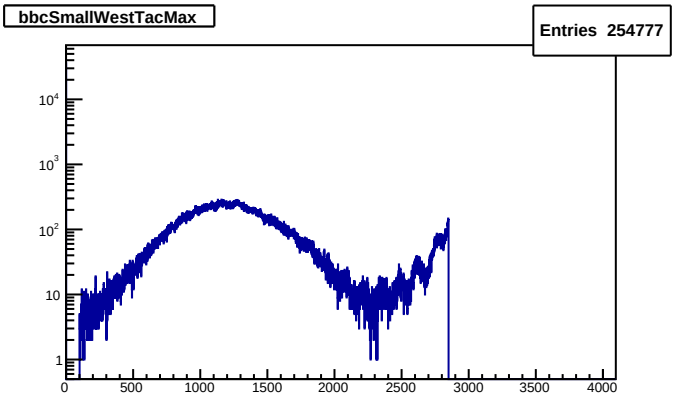

bbcSmallWestAdcSum
Entries 254777


bbcSmallWestAdcSumVsSimu
Entries 218852
Data
Simu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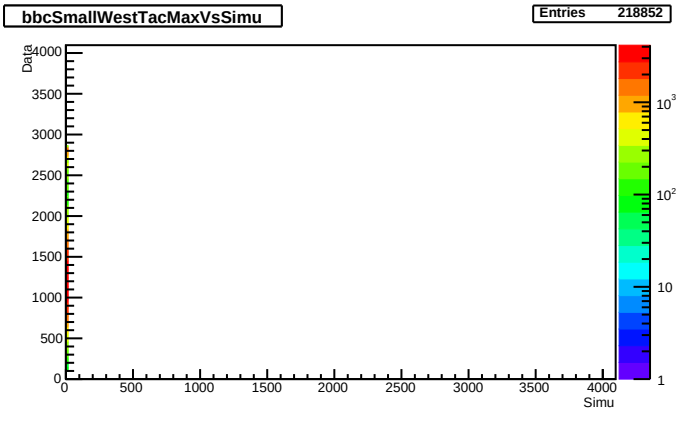
Entries 254777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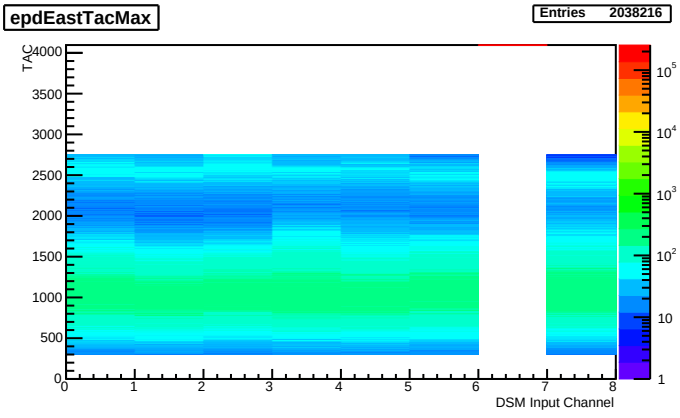
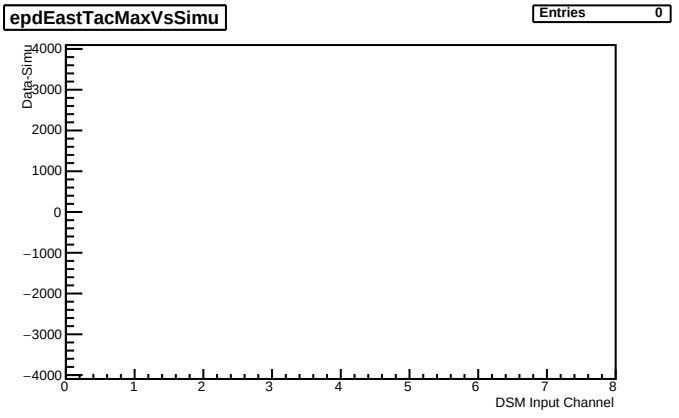
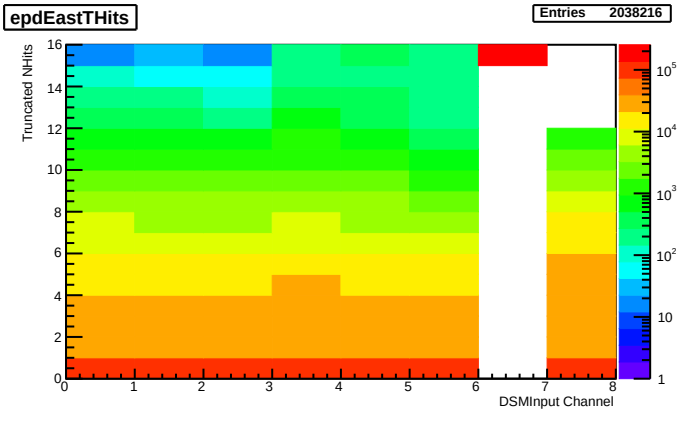
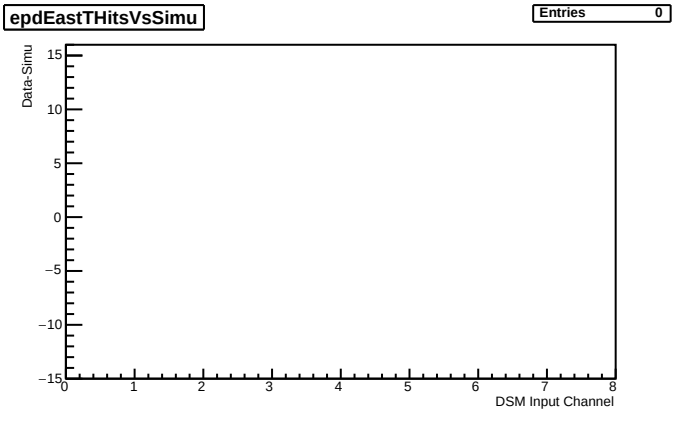
Entries 218852
Data
Simu


epdEastTacMax
Entries 2038216
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2038216
Truncated NHits
DSMInput Channel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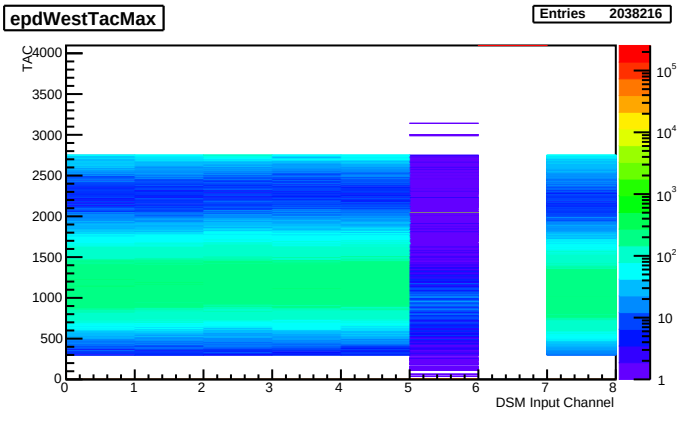
Entries 0
Data-Simu
DSM Input Channel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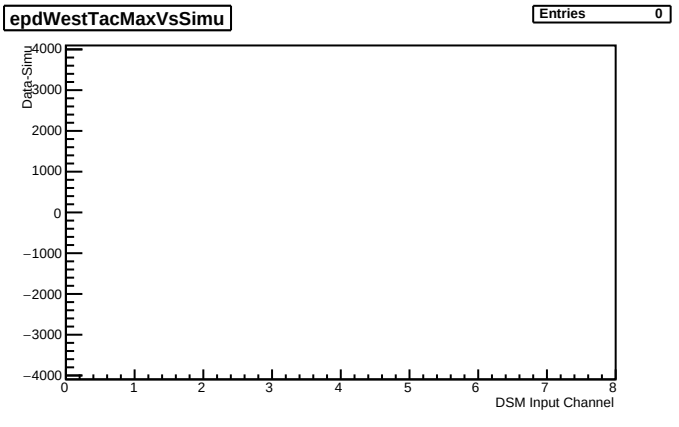
Entries 2038216
TAC
DSM Input Channel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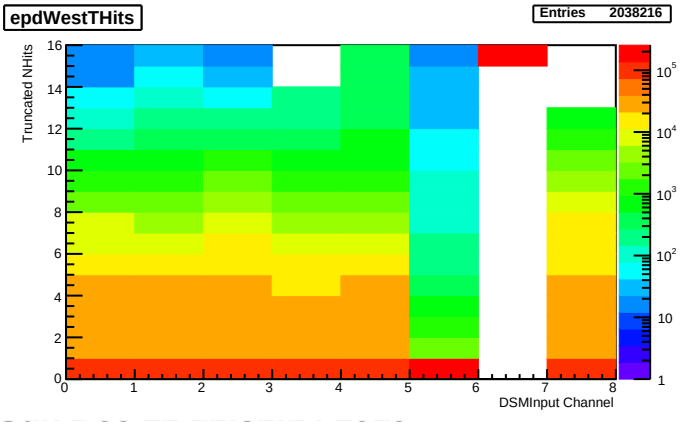
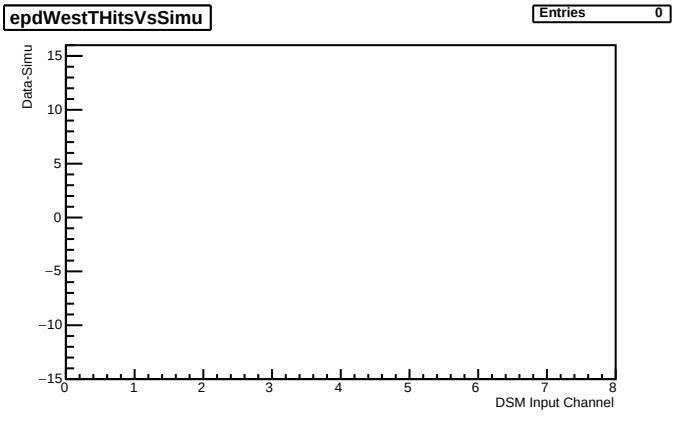
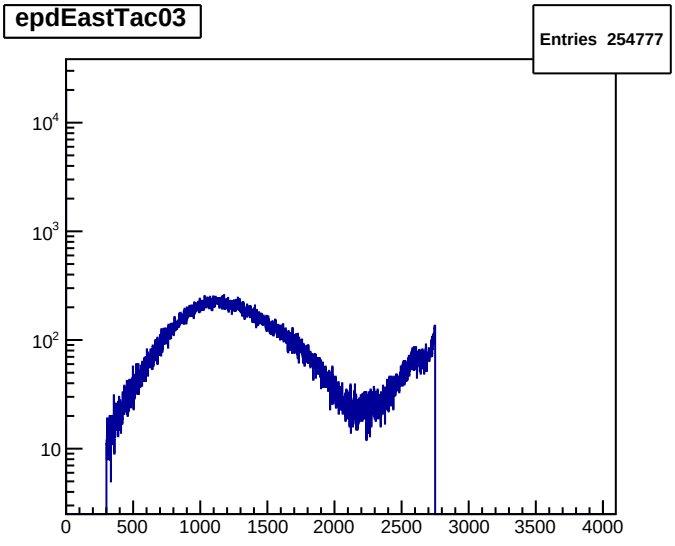
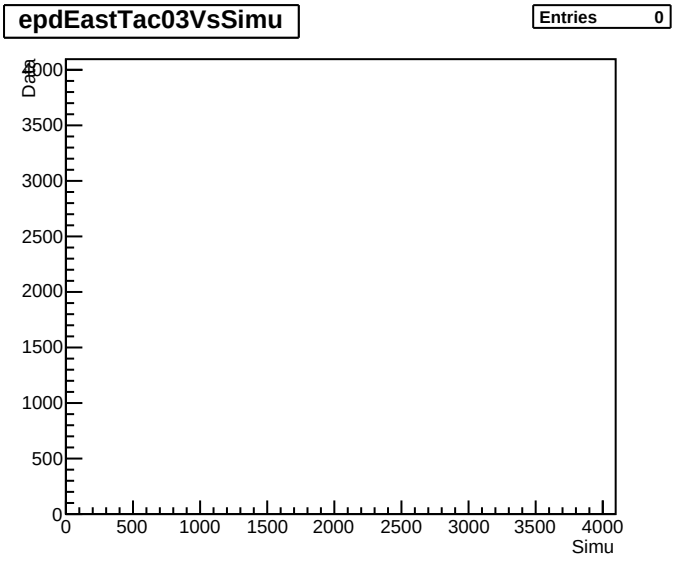
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2038216
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 254777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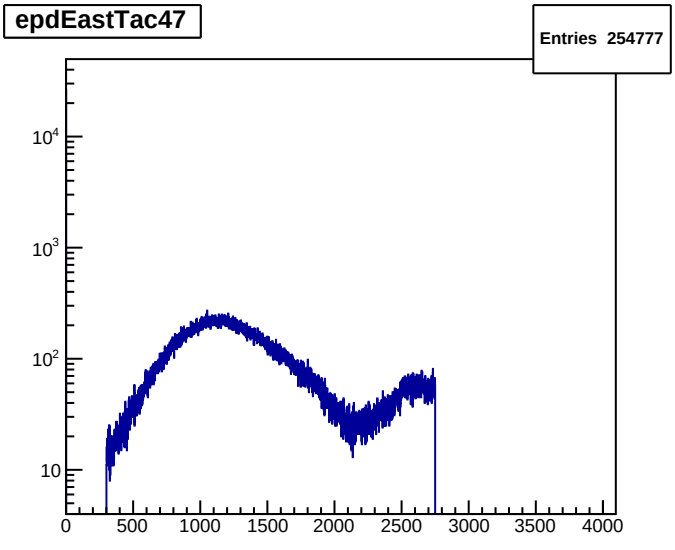
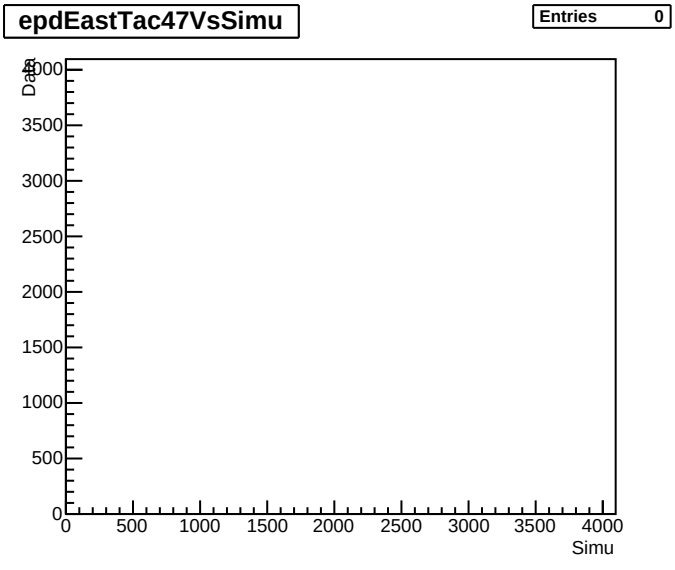
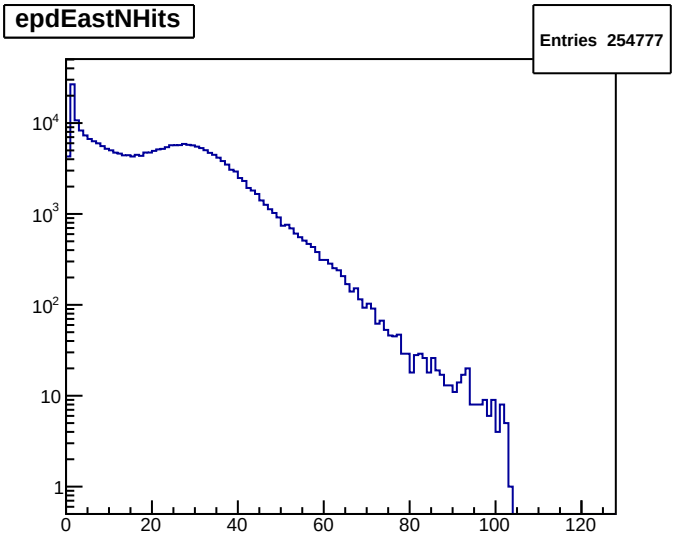
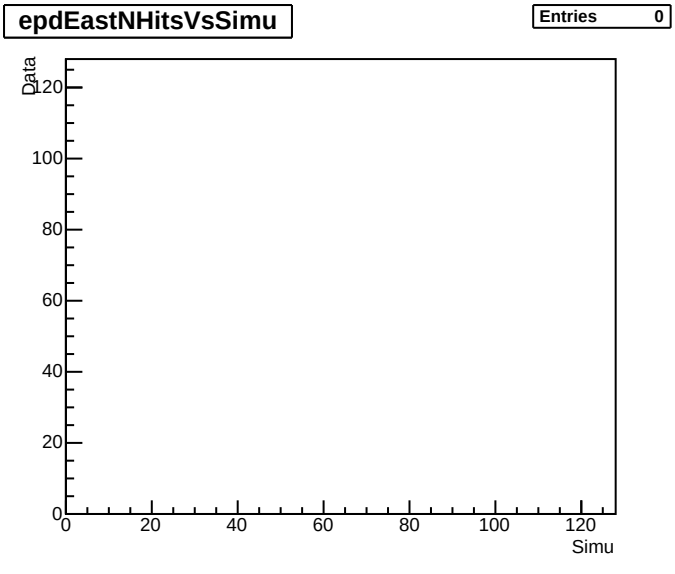
Entries 0
Data
Simu


epdEastTac47
Entries 254777


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 254777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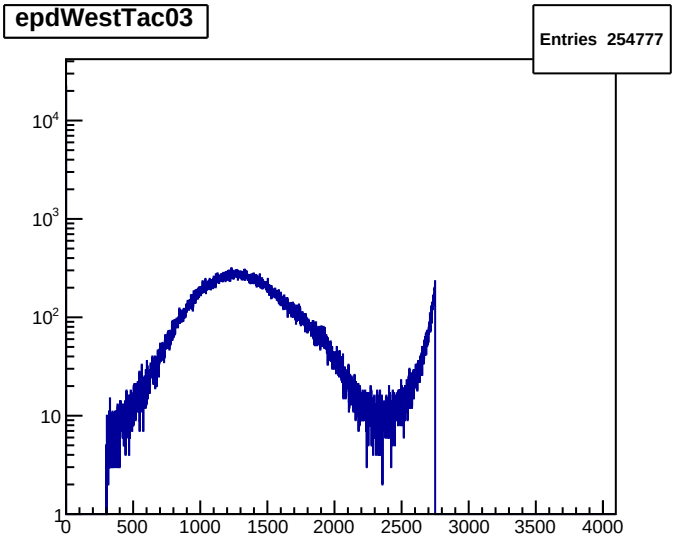
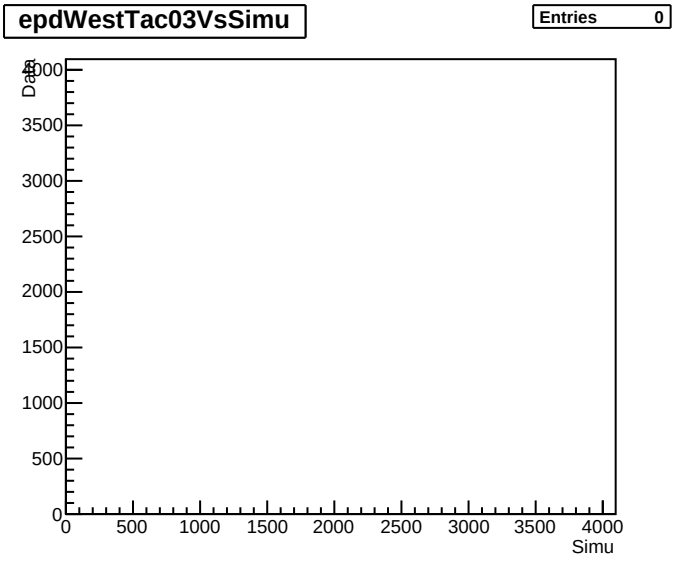
Entries 0
Data
Simu


epdWestTac03
Entries 254777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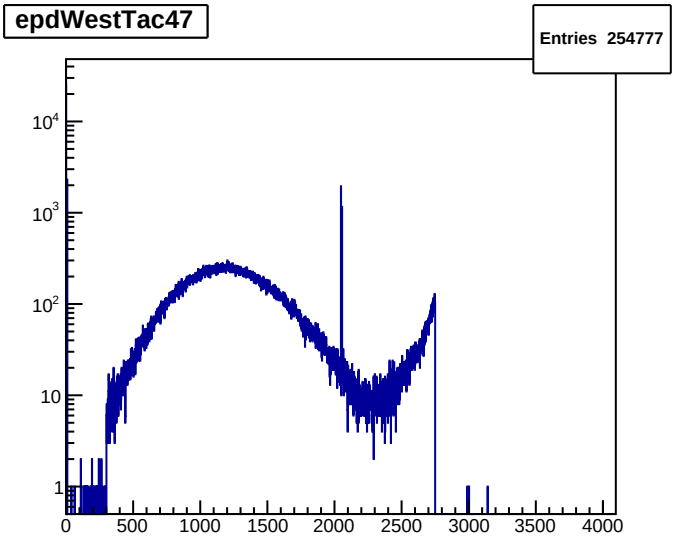
Entries 0
Data
Simu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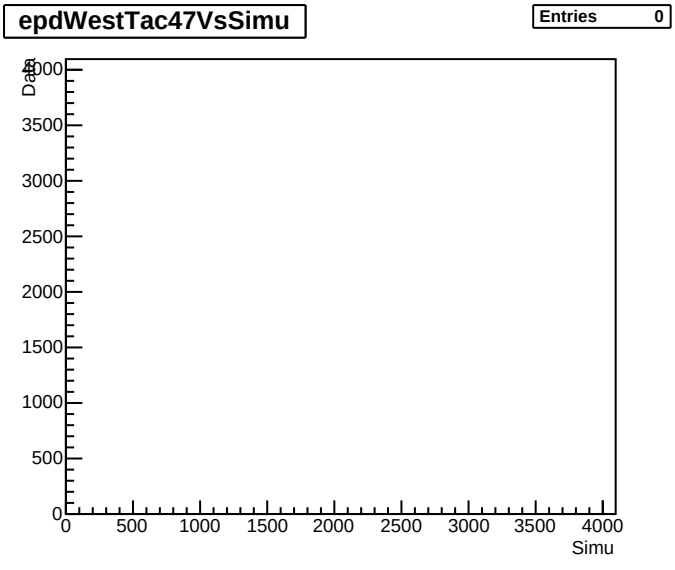
Entries 254777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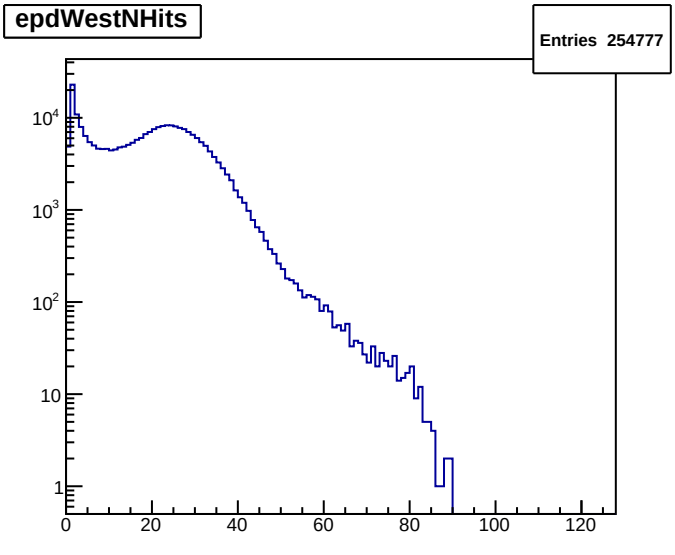
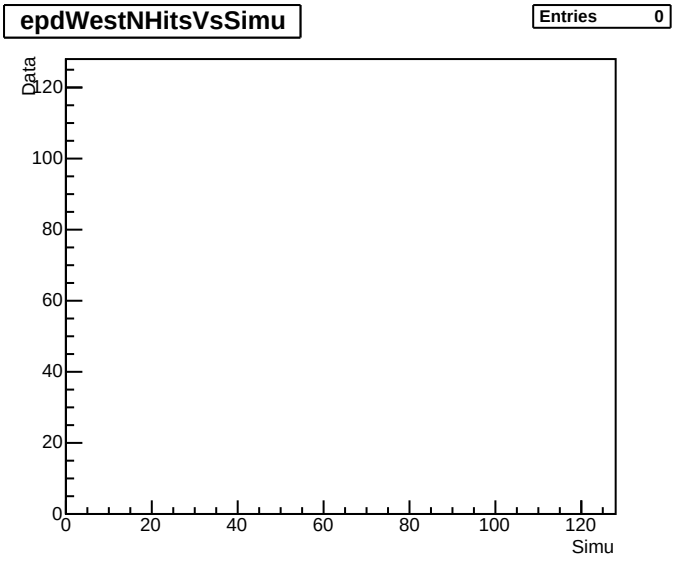
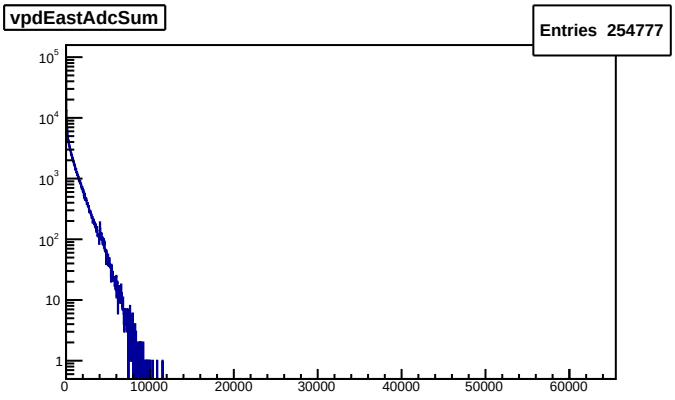
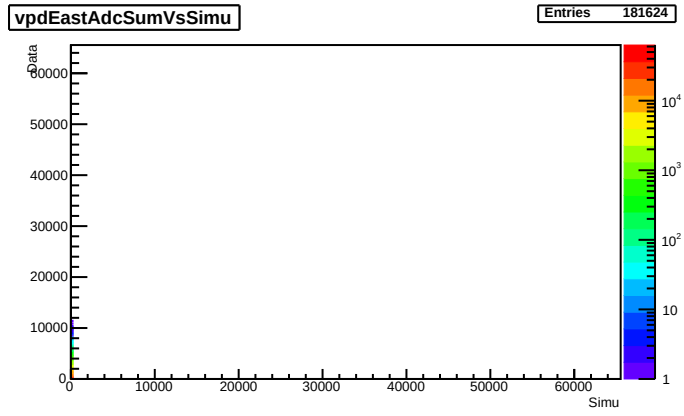
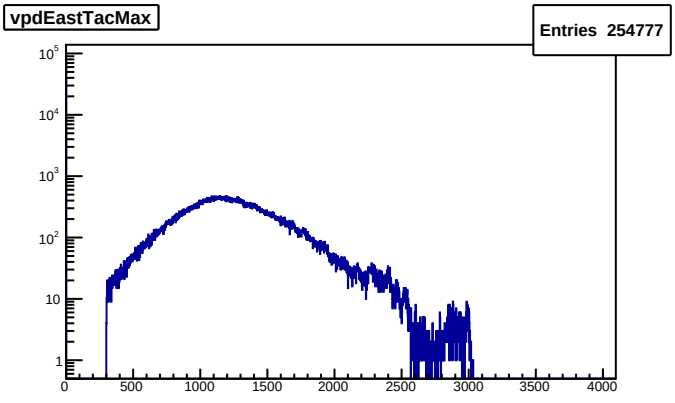
Entries 0
Data
Simu

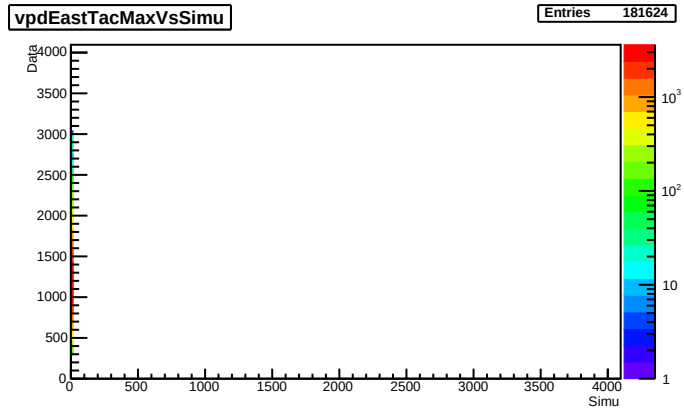

epdWestNHits
Entries 254777

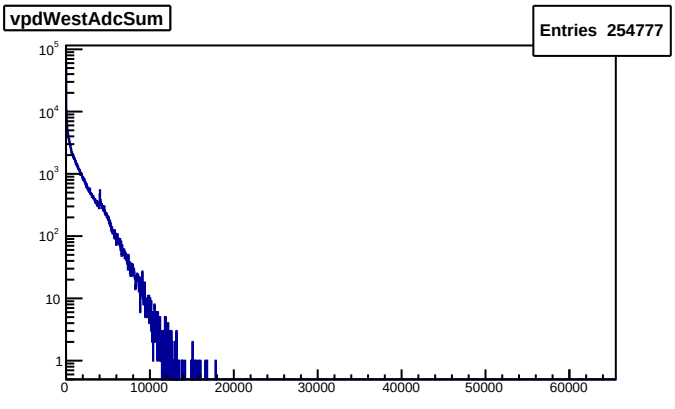

epdWestNHitsVsSimu
Entries 0
Data
Simu

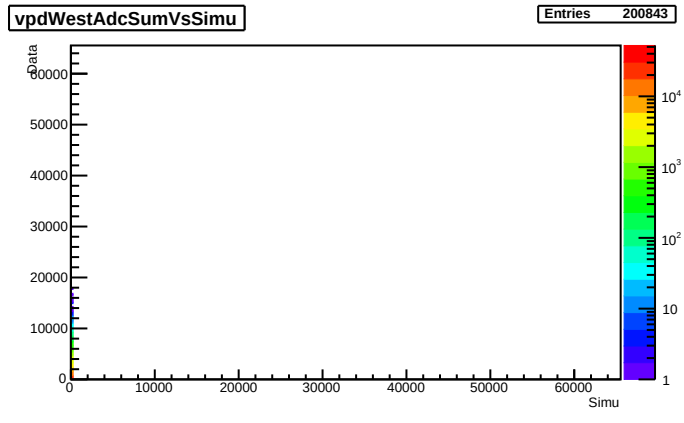

vpdEastAdcSum
Entries 254777

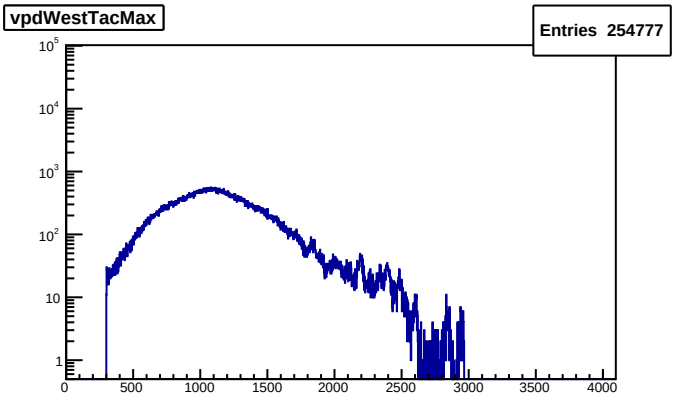

vpdEastAdcSumVsSimu
Entries 181624
Data
Simu

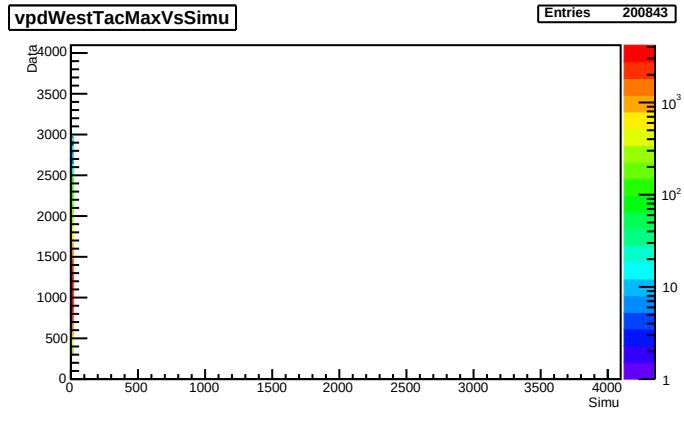

vpdEastTacMax
Entries 254777

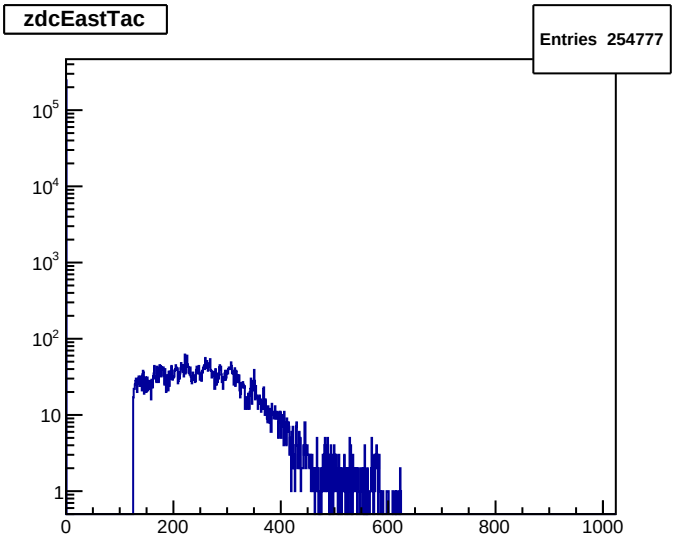

vpdEastTacMaxVsSimu
Entries 181624
Data
Simu

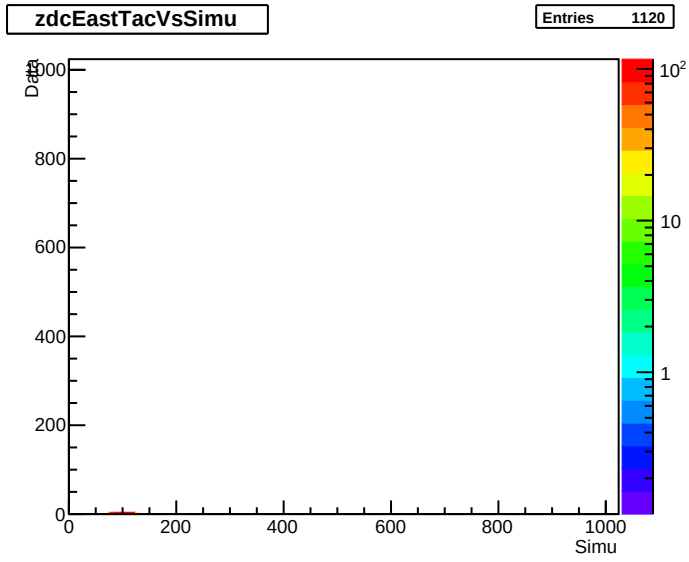

vpdWestAdcSum
Entries 254777

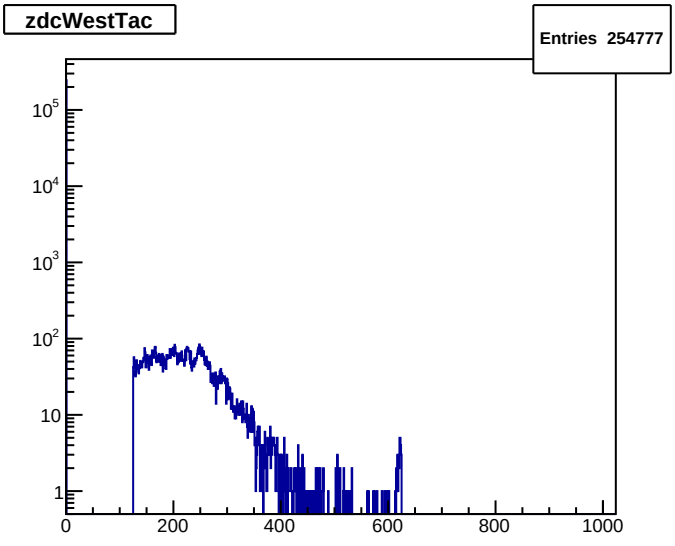

vpdWestAdcSumVsSimu
Entries 200843
Data
Simu

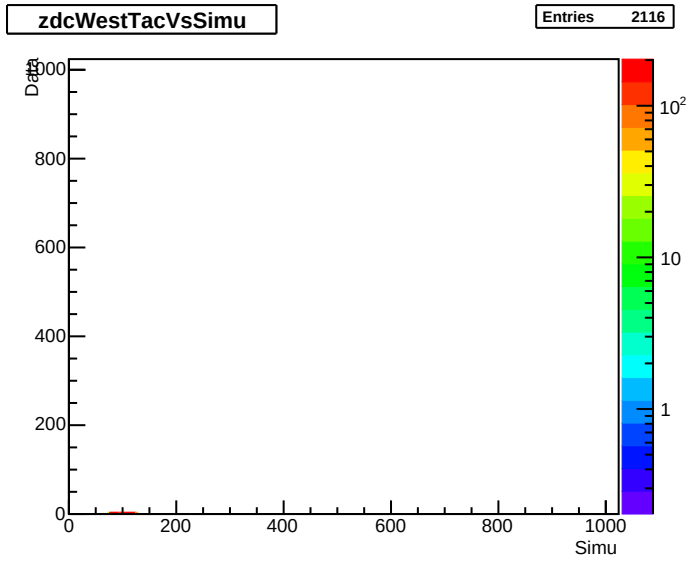

vpdWestTacMax
Entries 254777

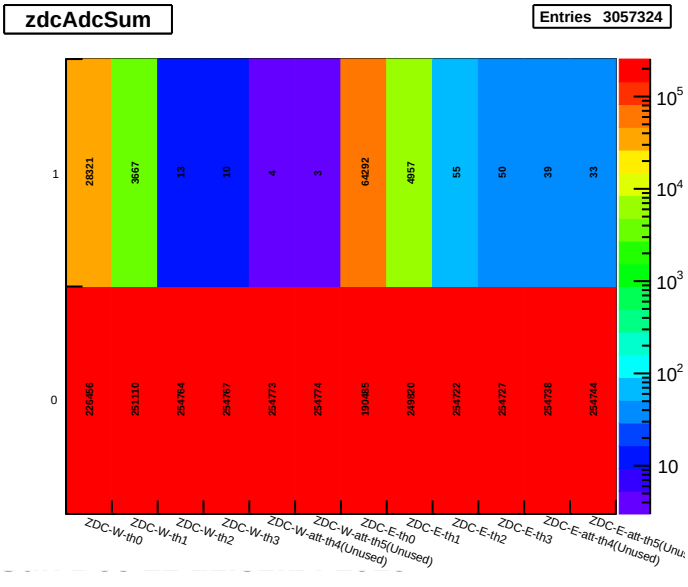

vpdWestTacMaxVsSimu
Entries 200843
Data
Simu

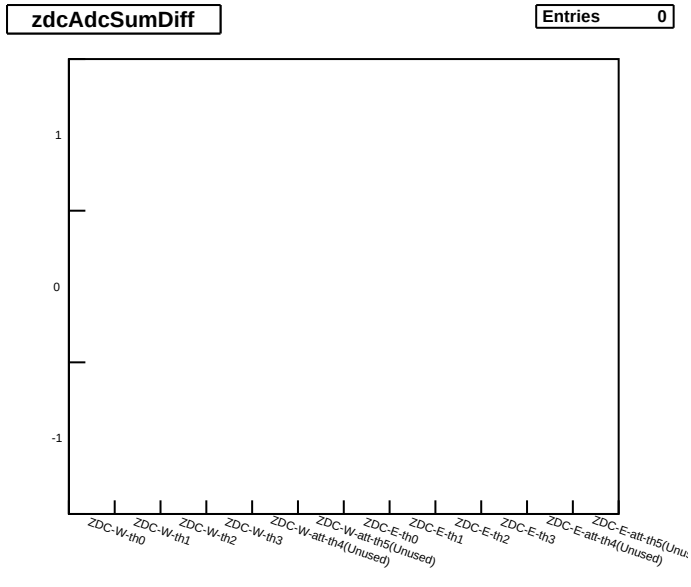

zdcEastTac
Entries 254777

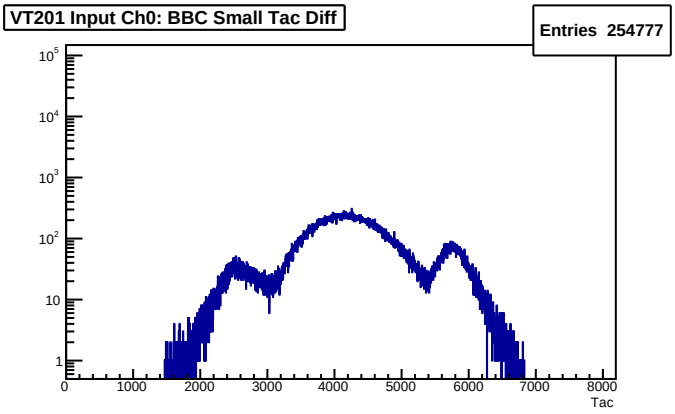

zdcEastTacVsSimu
Entries 1120
Data
Simu

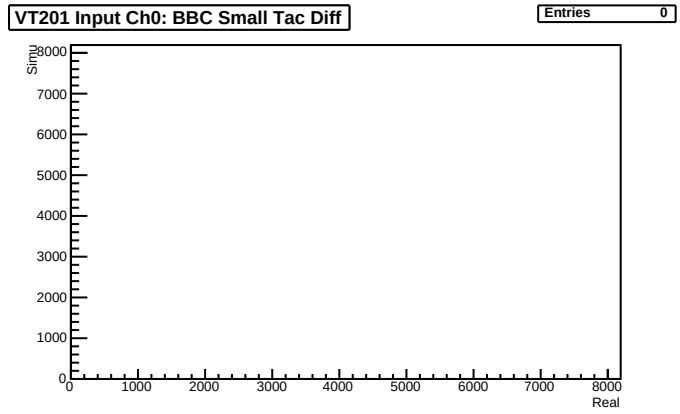

zdcWestTac
Entries 254777

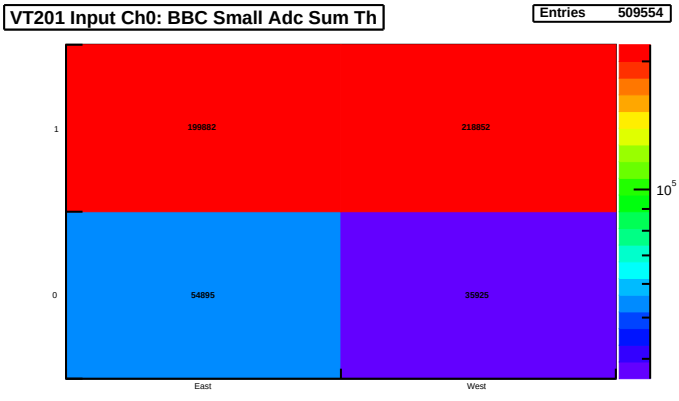

zdcWestTacVsSimu
Entries 2116
Data
Simu

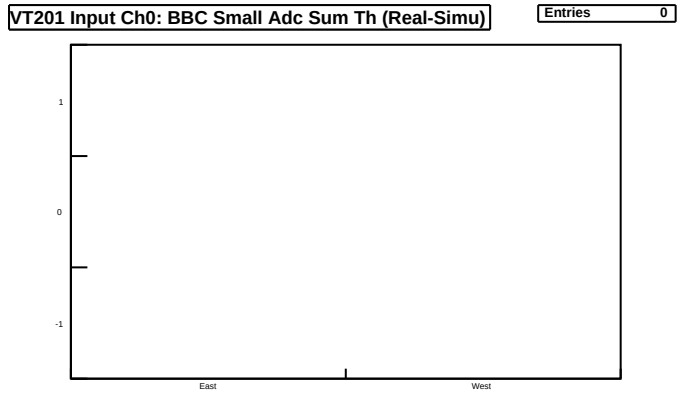

zdcAdcSum
Entries 3057324
28321
3667
13
10
4
3
64292
4957
55
50
39
33
226456
251110
254764
254767
254773
254774
190485
249820
254722
254727
254738
254744
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

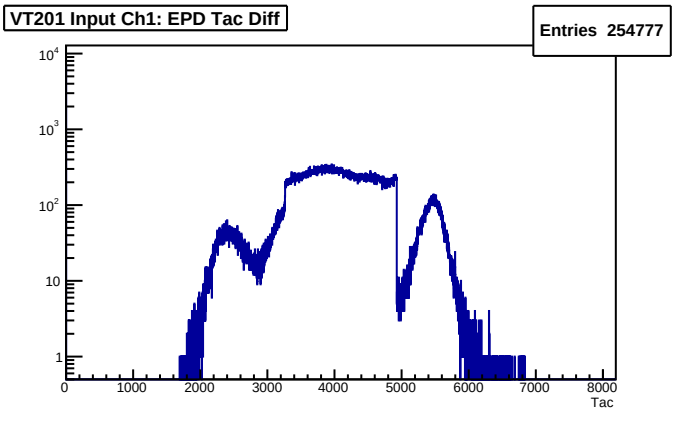

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

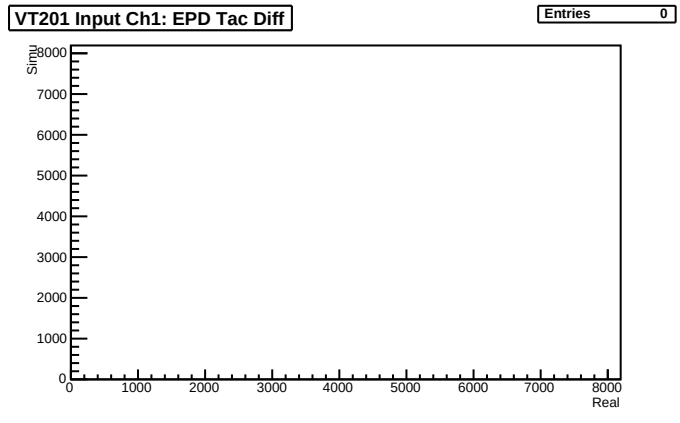

VT201 Input Ch0: BBC Small Tac Diff
Entries 254777
Tac

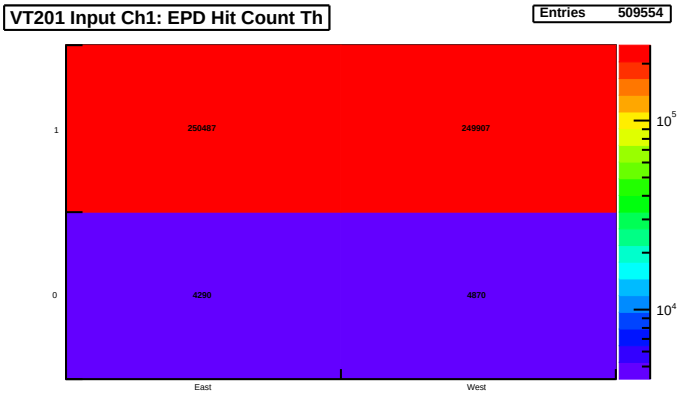

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

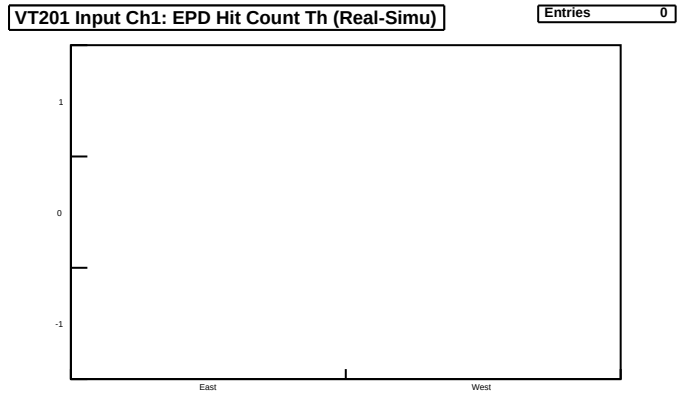

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 509554
199882
218852
54895
35925
East
West

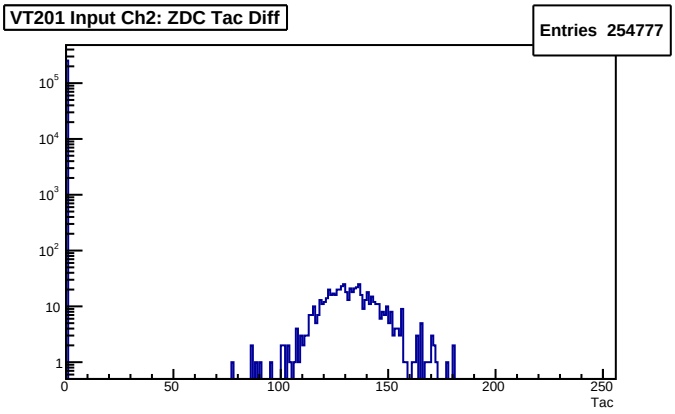

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

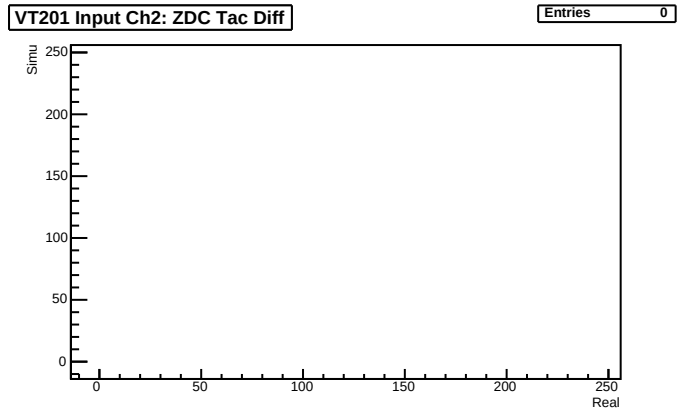

VT201 Input Ch1: EPD Tac Diff
Entries 254777
Tac

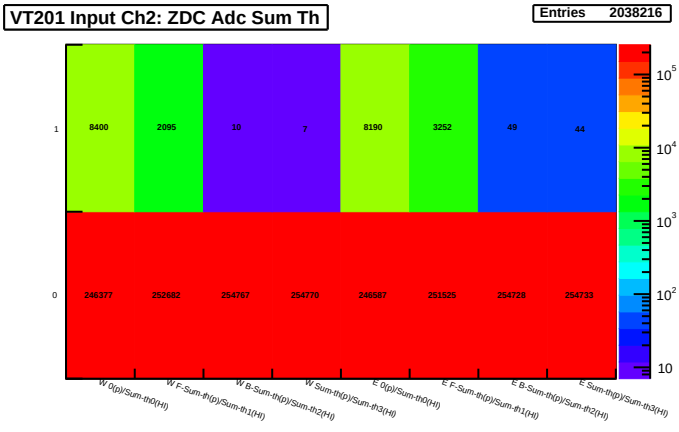

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

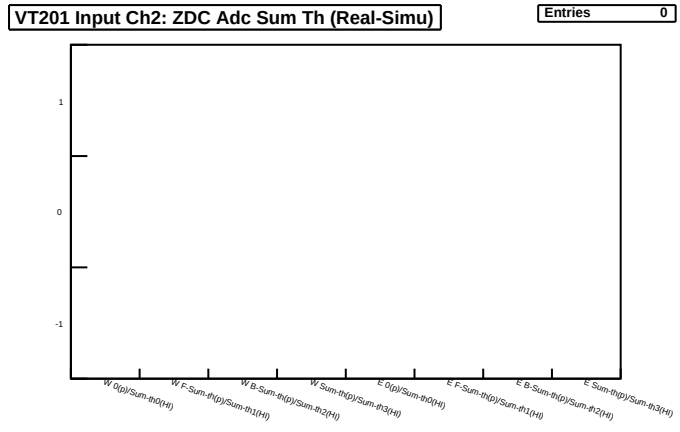

VT201 Input Ch1: EPD Hit Count Th
Entries 509554
250487
249907
4290
4870
East
West

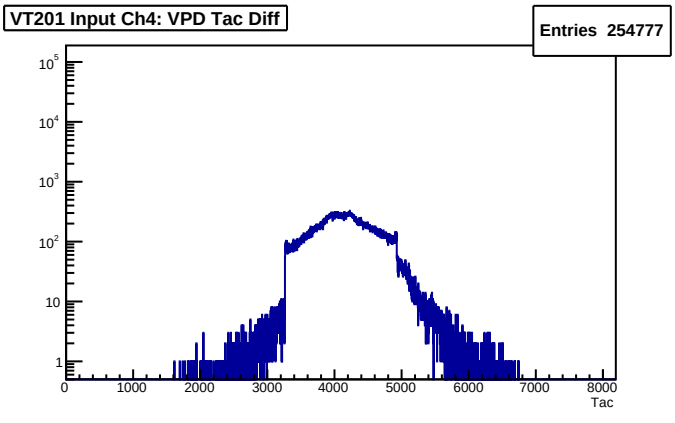

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

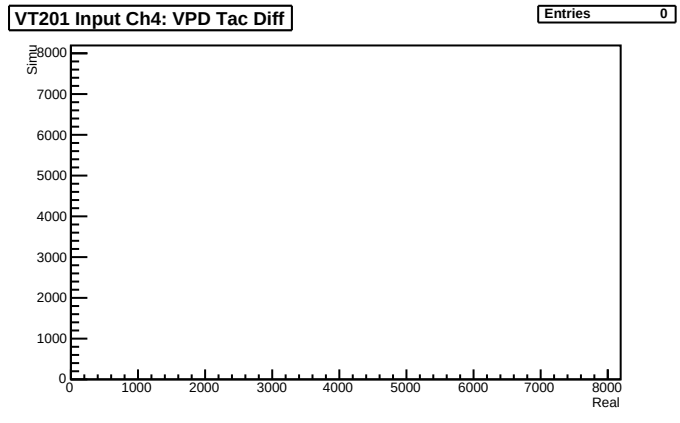

VT201 Input Ch2: ZDC Tac Diff
Entries 254777
Tac

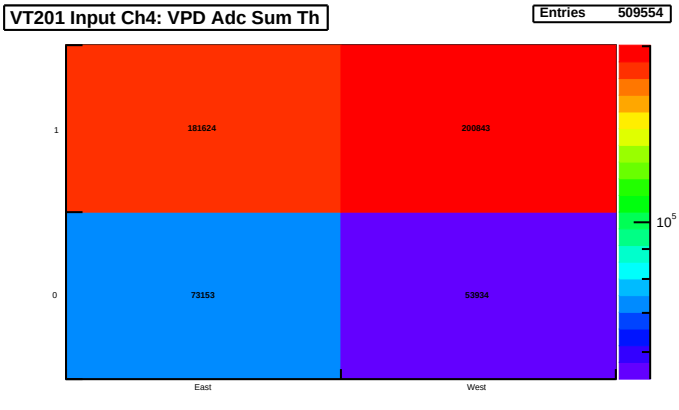

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

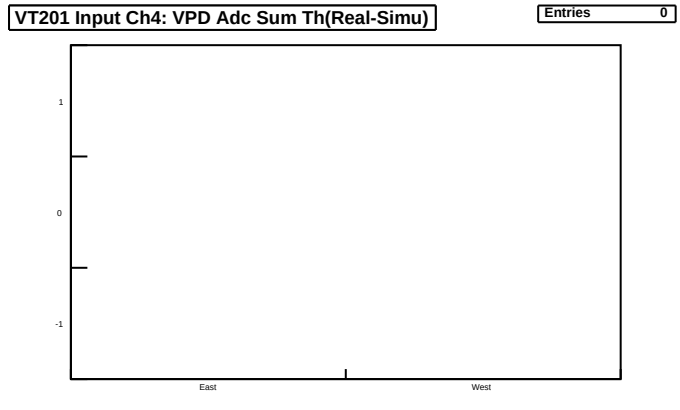

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2038216
8400
2095
10
7
8190
3252
49
44
246377
252682
254767
254770
246587
251525
254728
254733
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

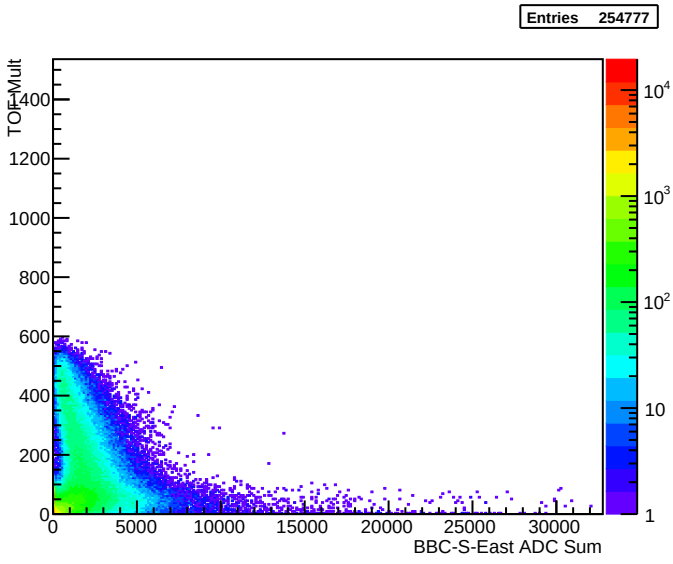

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

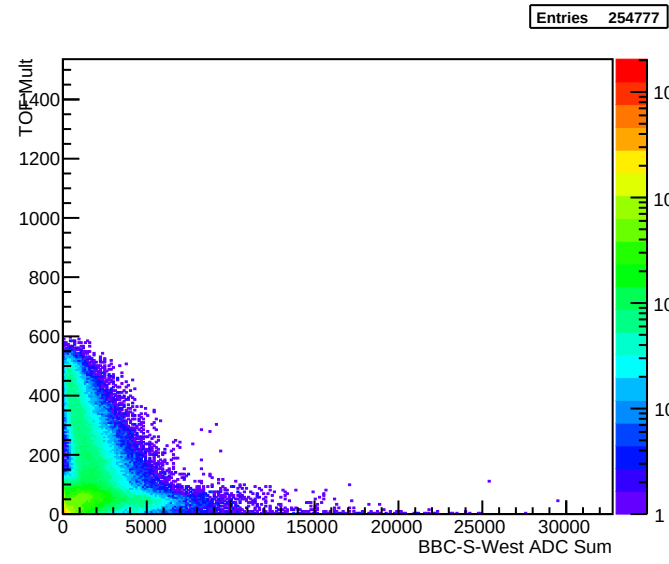

VT201 Input Ch4: VPD Tac Diff
Entries 254777
Tac

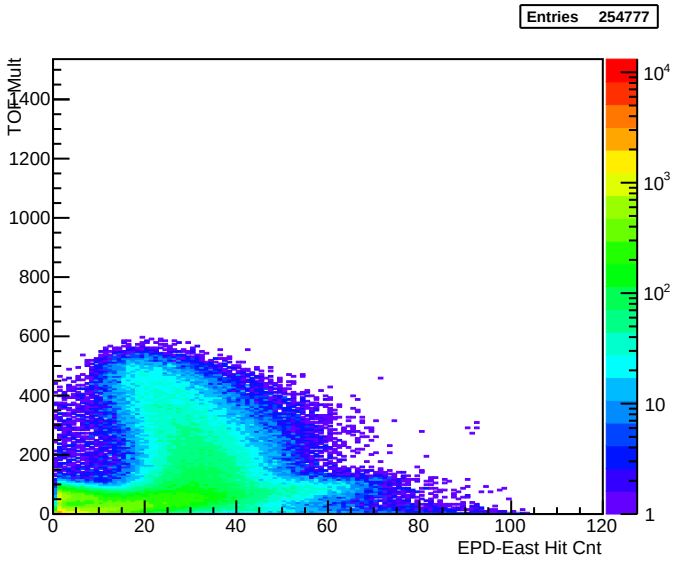

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

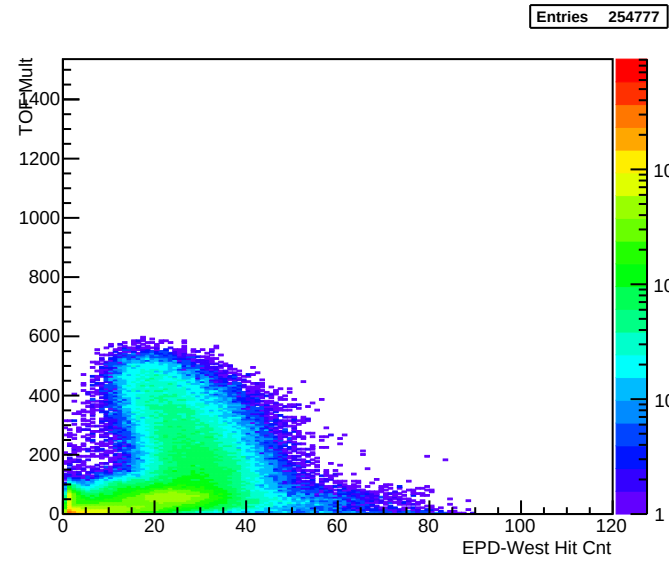

VT201 Input Ch4: VPD Adc Sum Th
Entries 509554
181624
200943
73153
53934
East
West

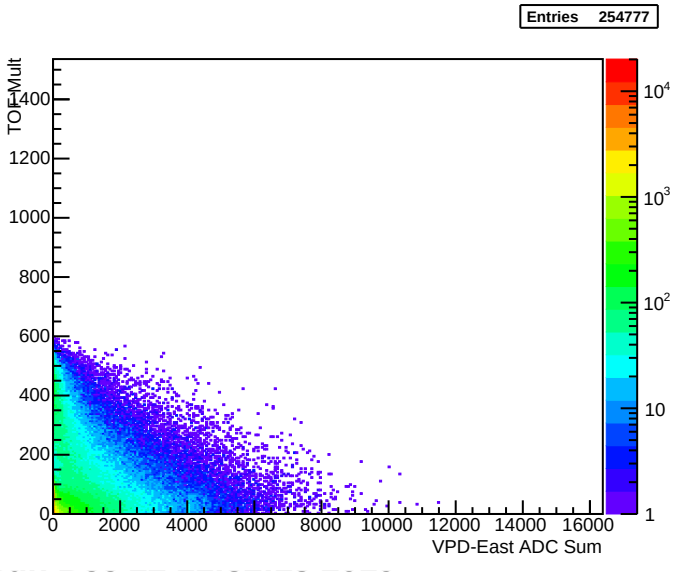

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

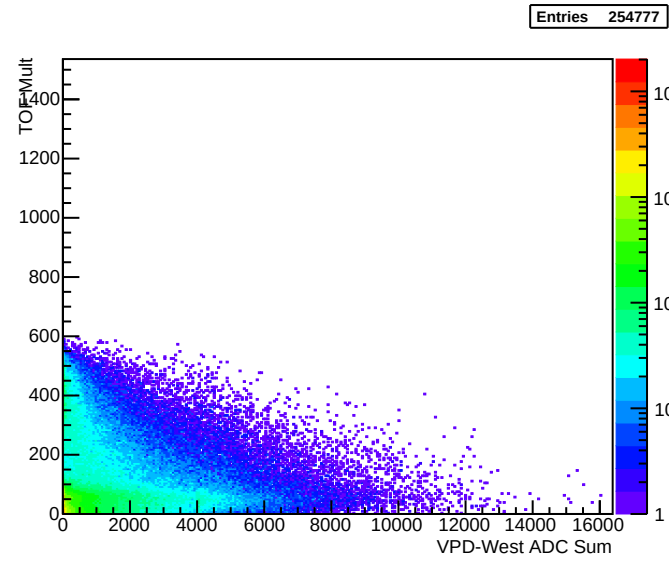

Entries 254777
TOF-Mult
BBC-S-East ADC Sum

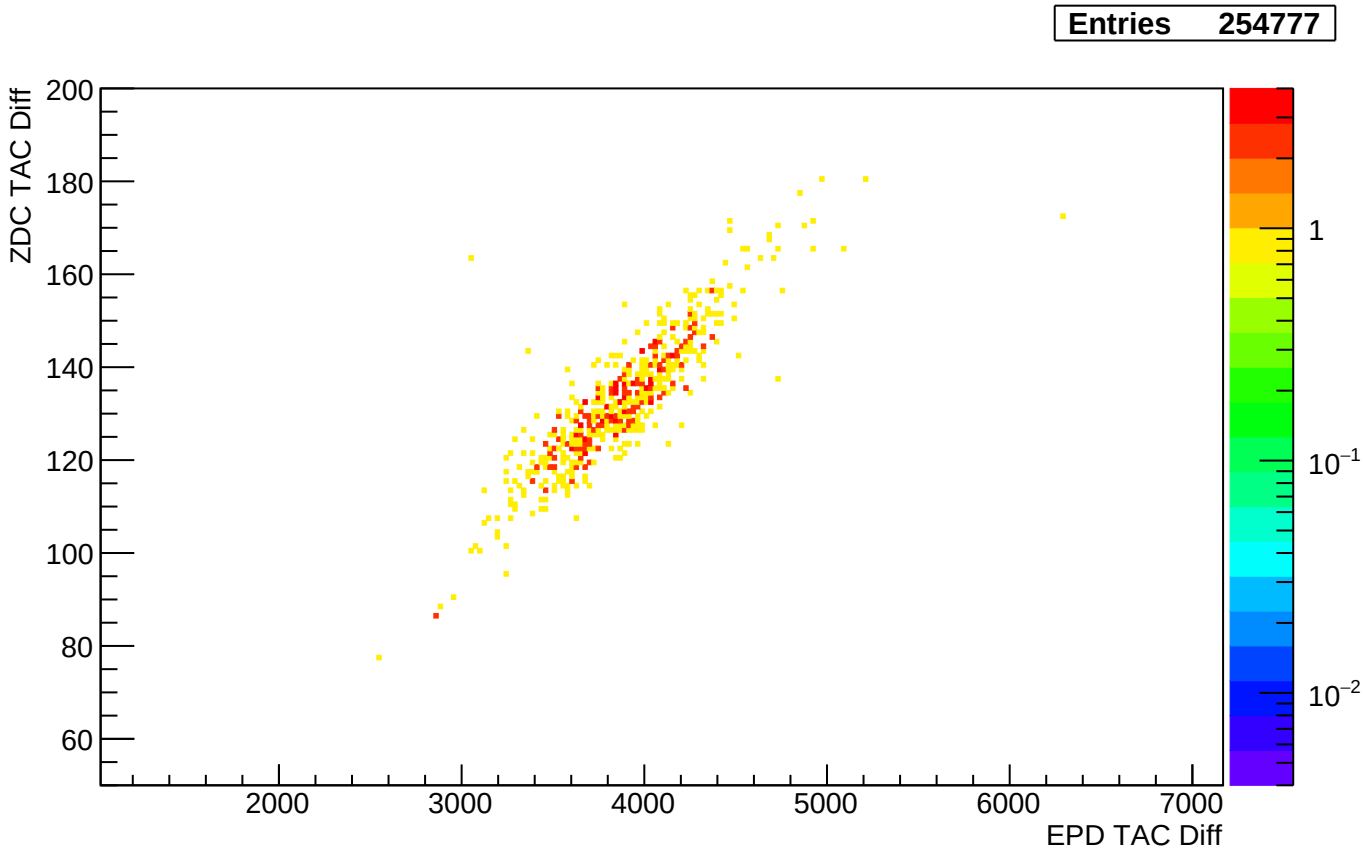

Entries 254777
TOF-Mult
BBC-S-West ADC Sum

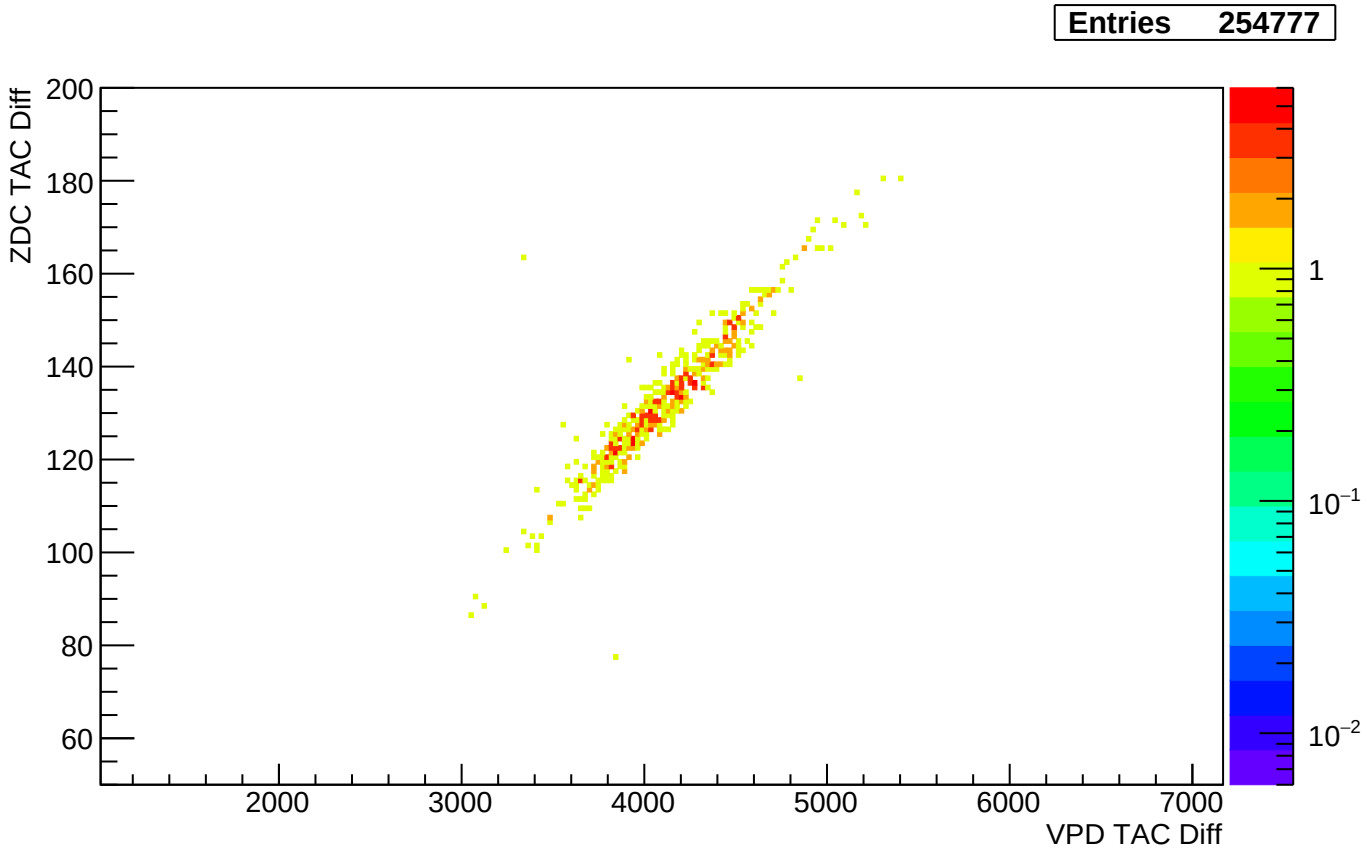

Entries 254777
TOF-Mult
EPD-East Hit Cnt

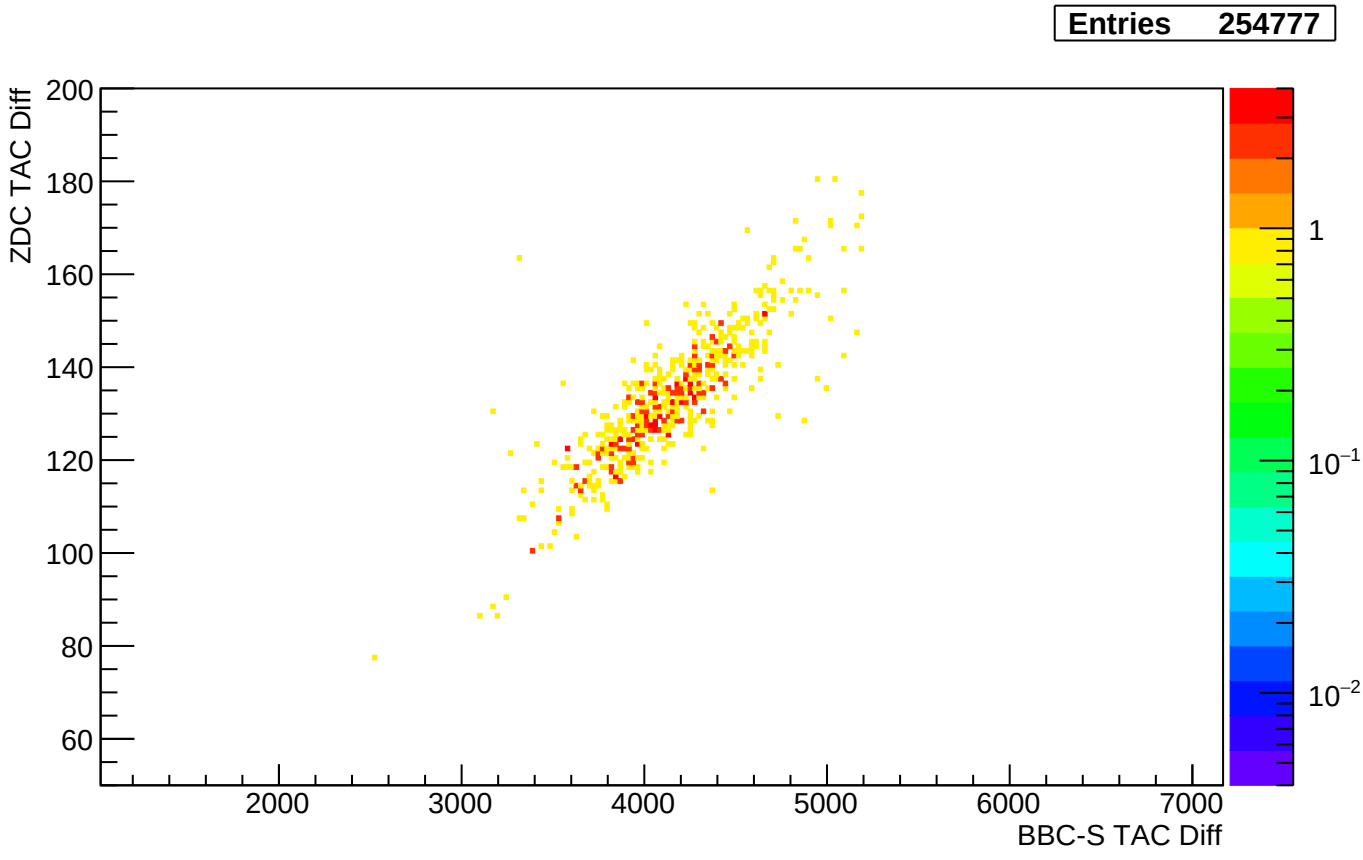

Entries 254777
TOF-Mult
EPD-West Hit Cnt

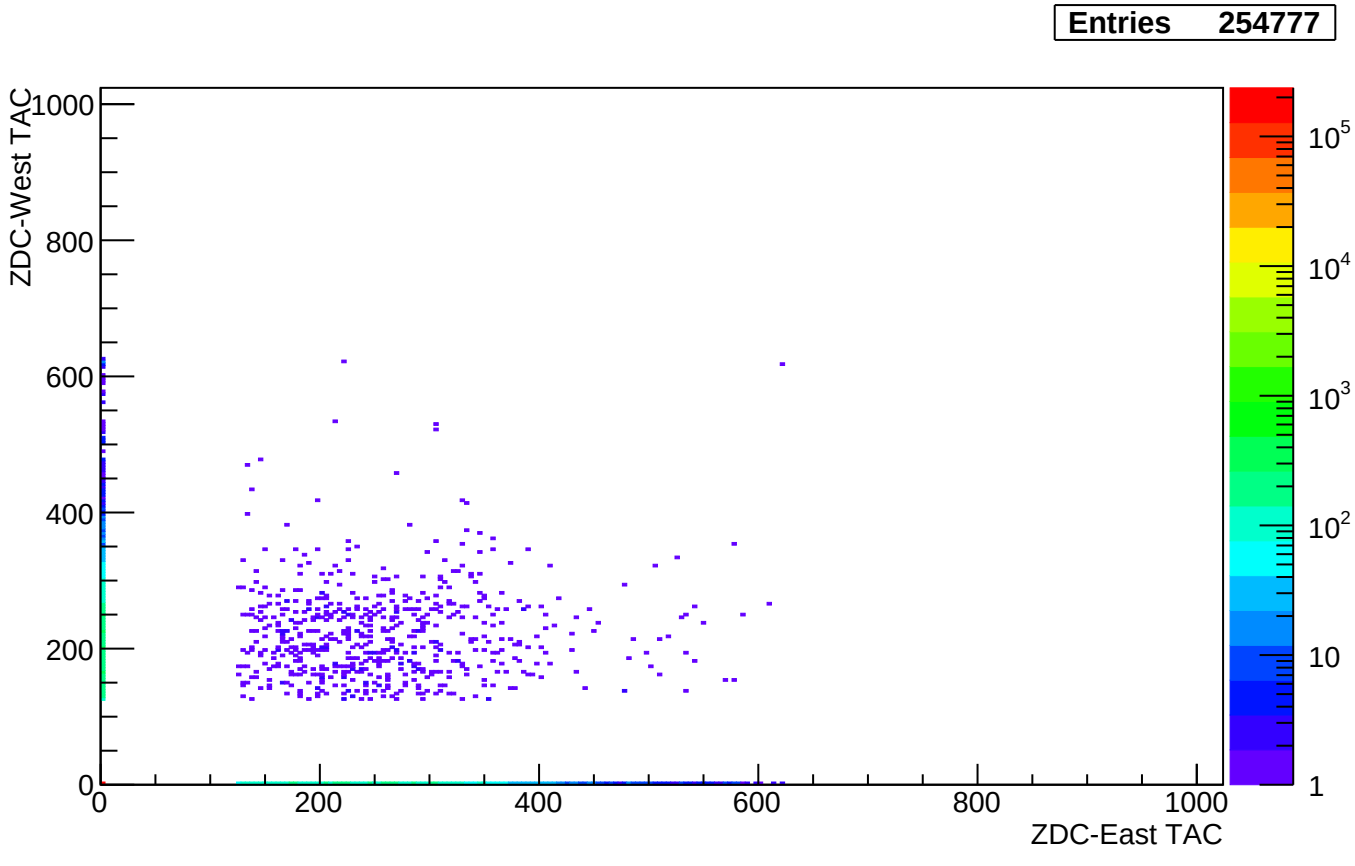

Entries 254777
TOF-Mult
VPD-East ADC Sum

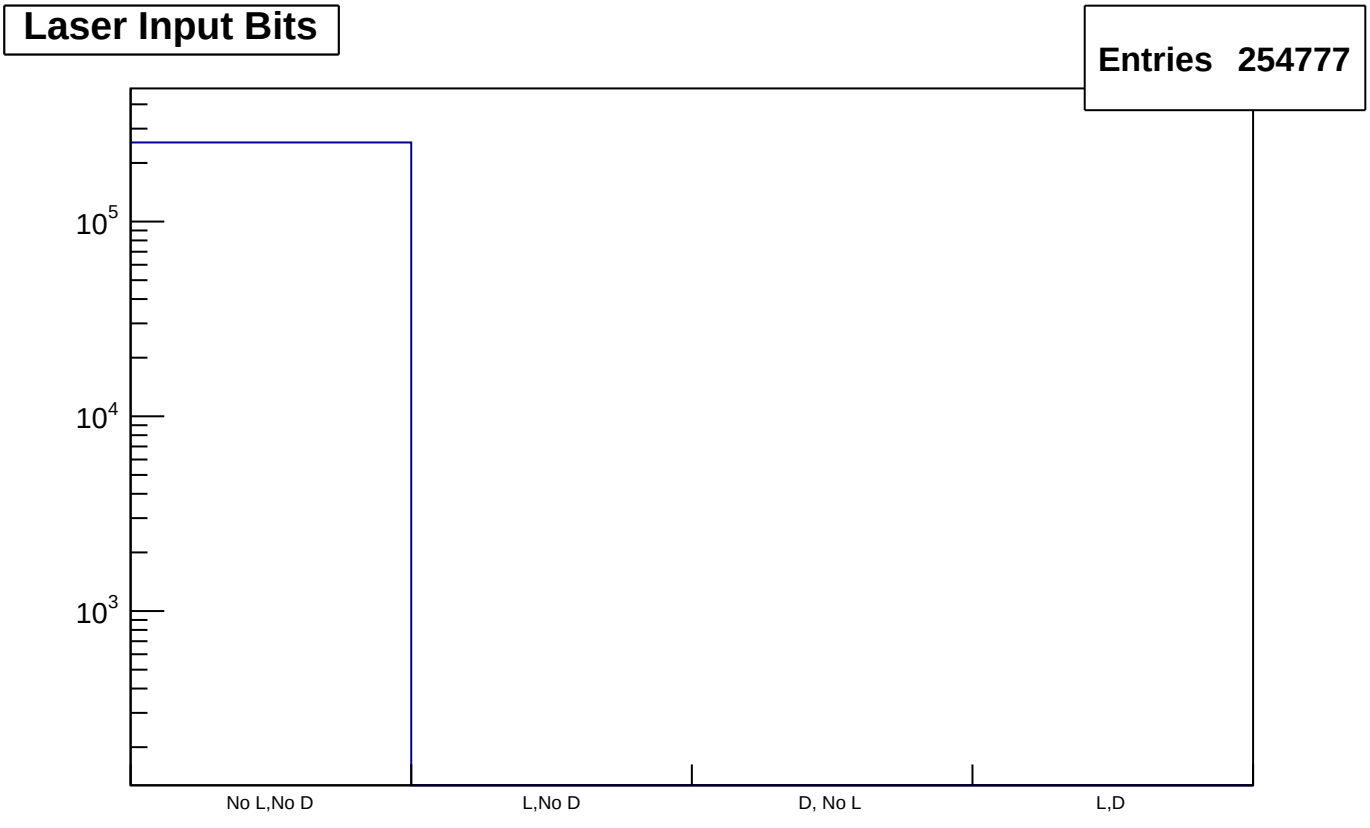

Entries 254777
TOF-Mult
VPD-West ADC Sum

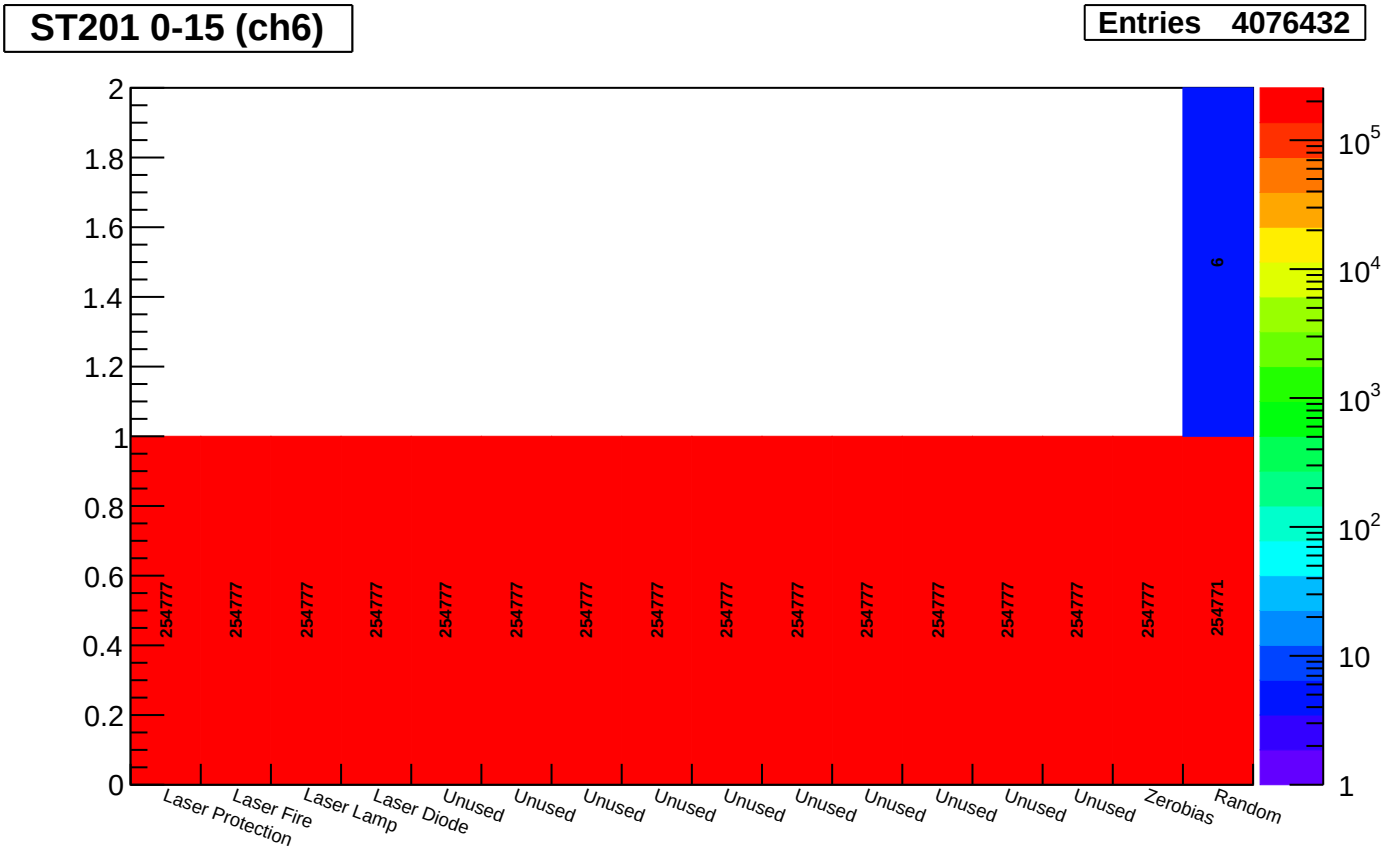

Entries 254777
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

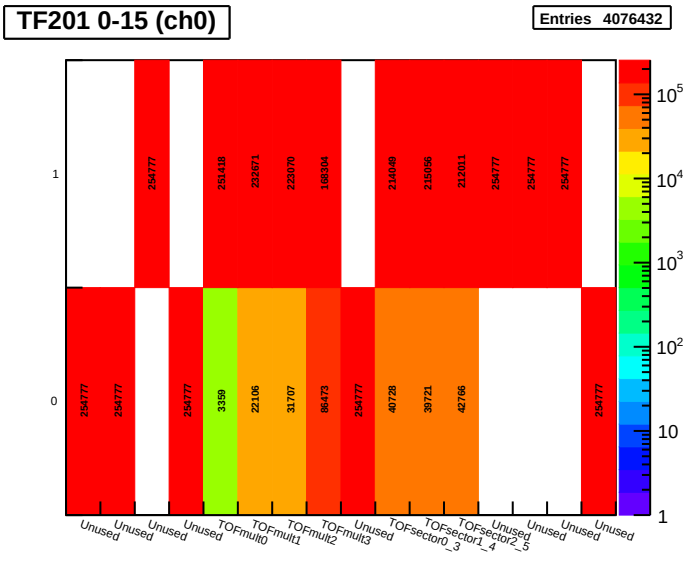

Entries 254777
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

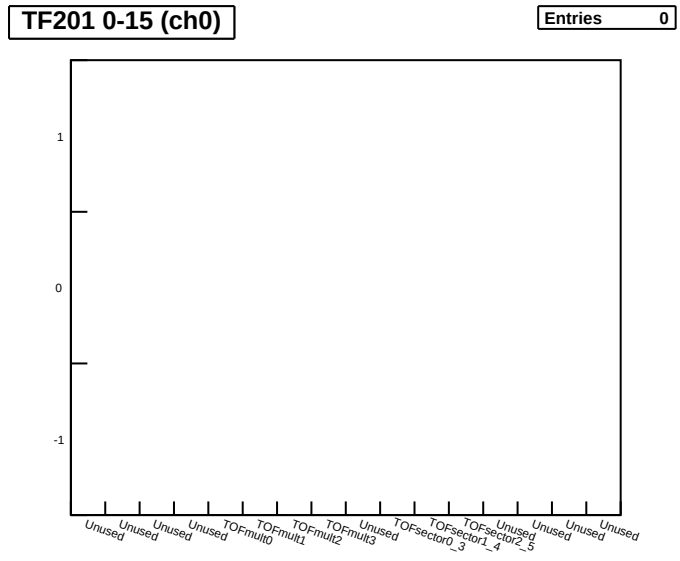

Entries 254777
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

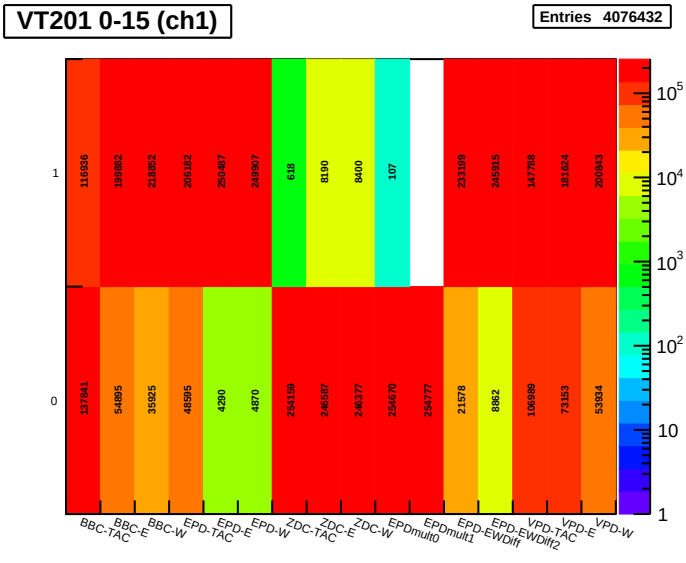

Entries 254777
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

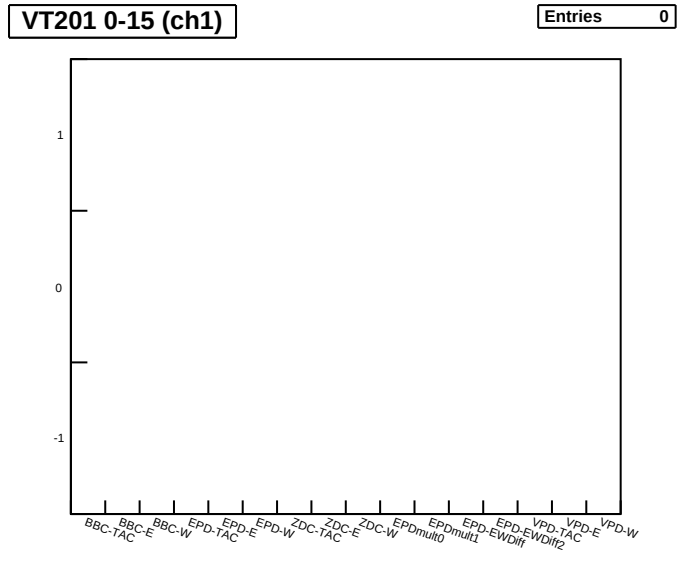

Laser Input Bits
Entries 254777
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

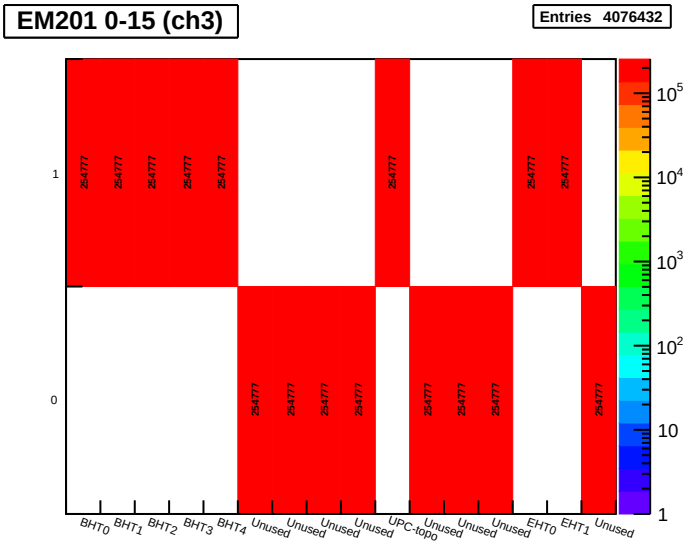

ST201 0-15 (ch6)
Entries 4076432
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
254777
254771
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

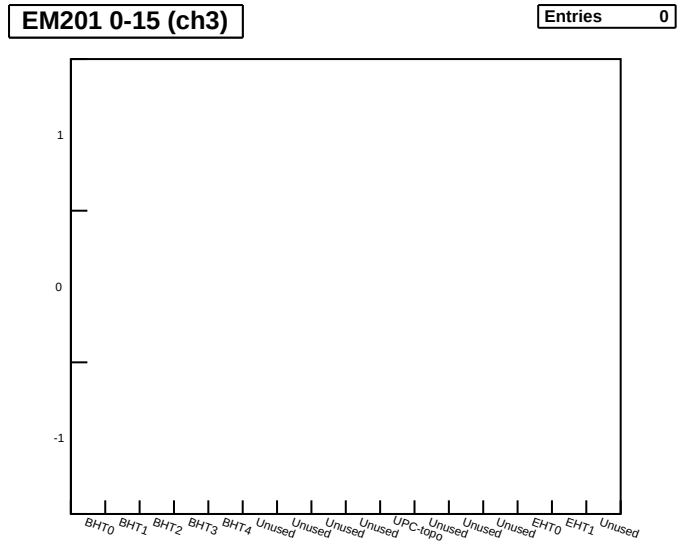

TF201 0-15 (ch0)
Entries 4076432
1
0
254777
251418
232671
223070
168304
214049
215056
212011
254777
254777
254777
254777
254777
254777
3359
22106
31707
86473
40728
39721
42766
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 4076432
1
0
116936
199882
218852
206182
250487
249907
618
8190
8400
107
233199
245915
147768
181624
200843
137841
54895
35925
48595
4290
4870
254159
246587
246377
254670
254777
21578
8862
106989
73153
53834
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 4076432
1
0
254777
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