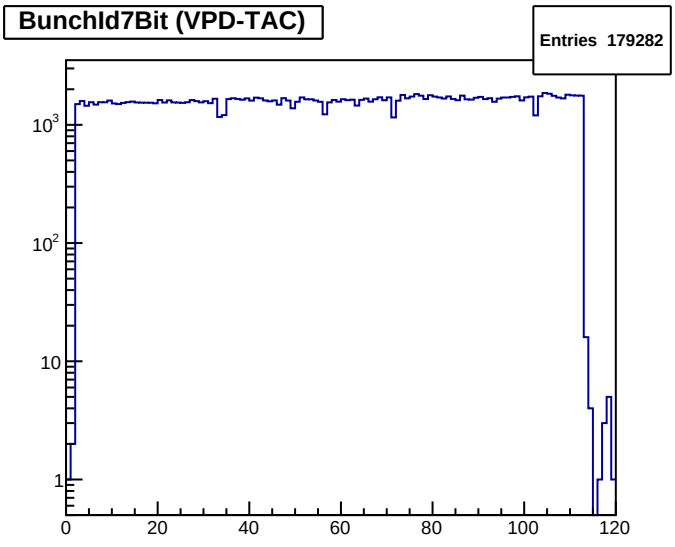
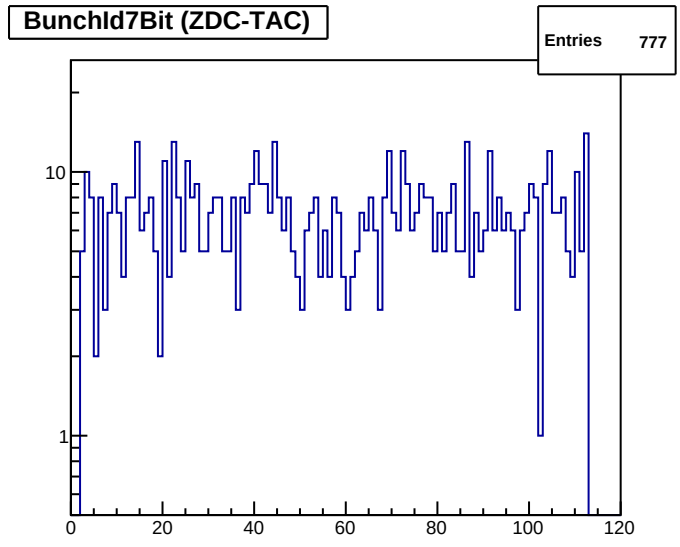
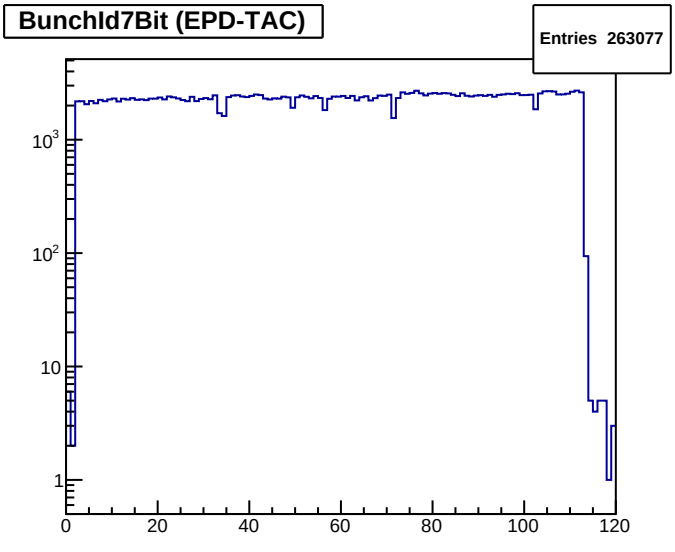
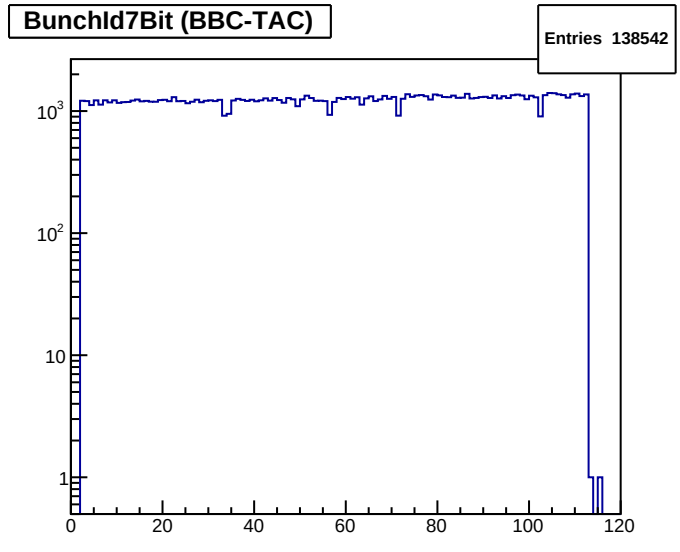
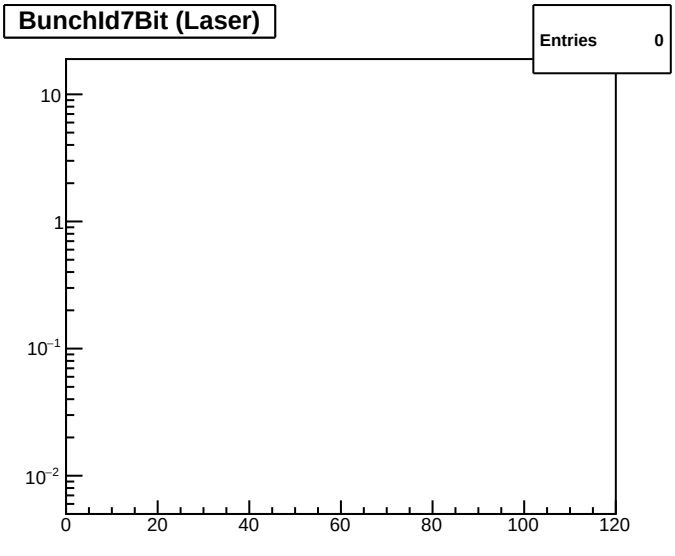
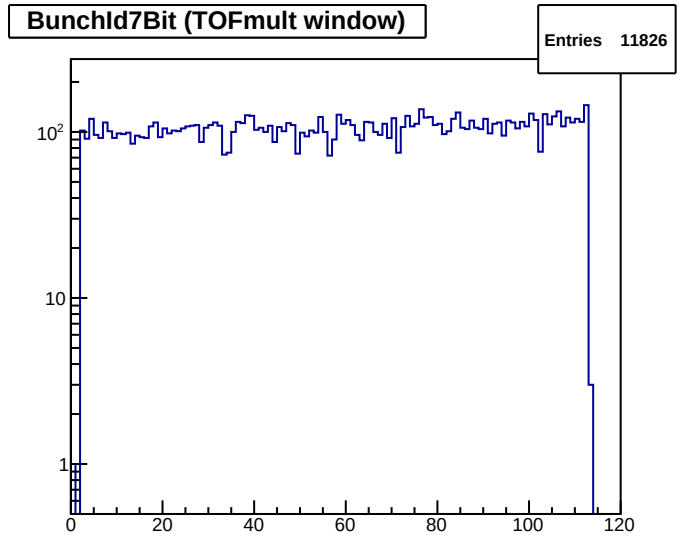

BunchId7Bit (VPD-TAC)
Entries 179282

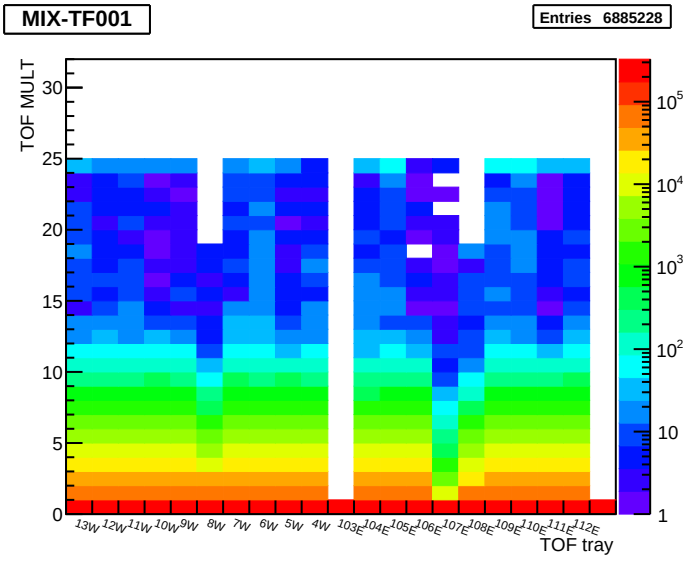

BunchId7Bit (ZDC-TAC)
Entries 777

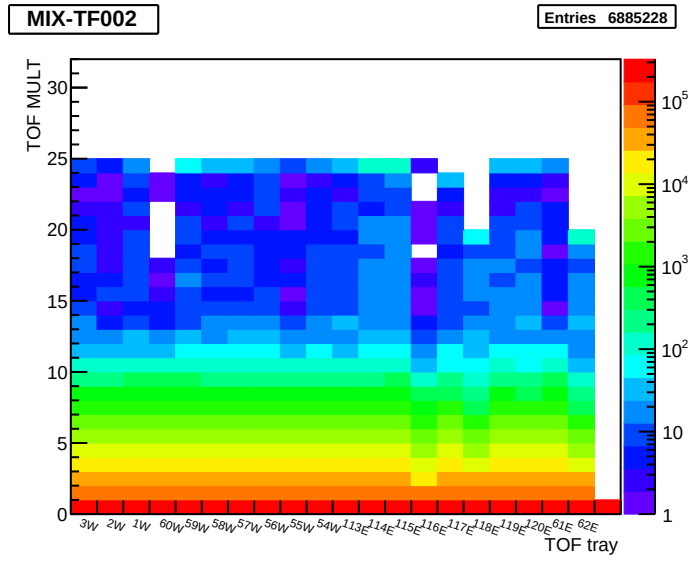

BunchId7Bit (EPD-TAC)
Entries 263077

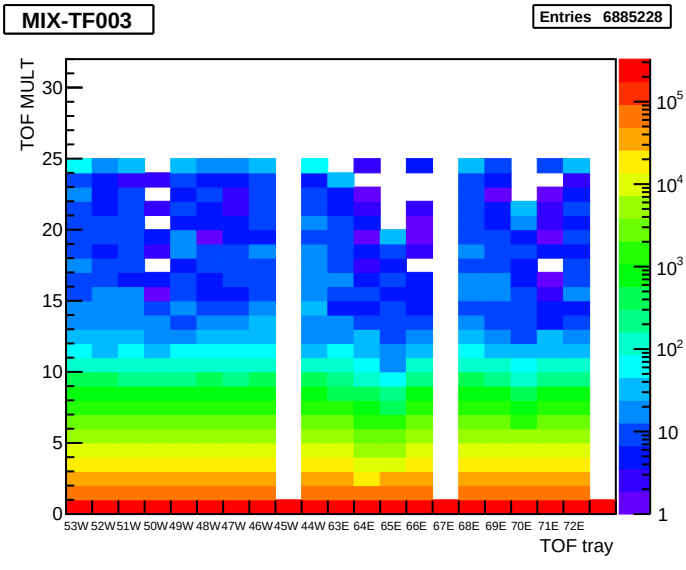

BunchId7Bit (BBC-TAC)
Entries 138542

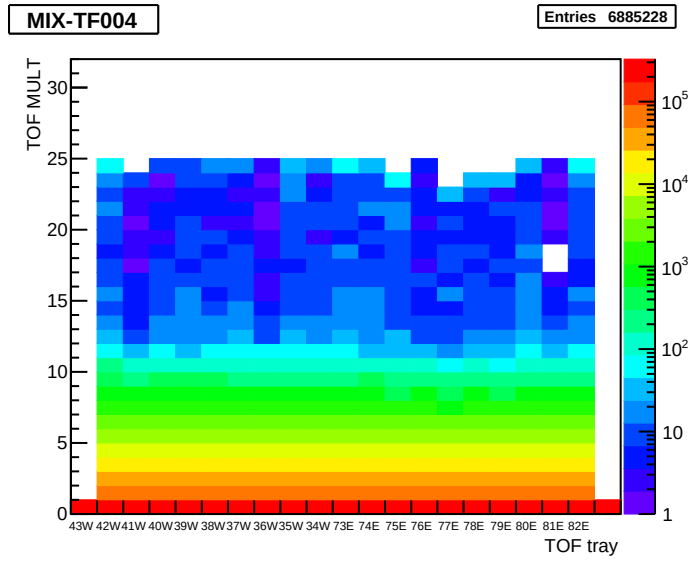

BunchId7Bit (Laser)
Entries 0

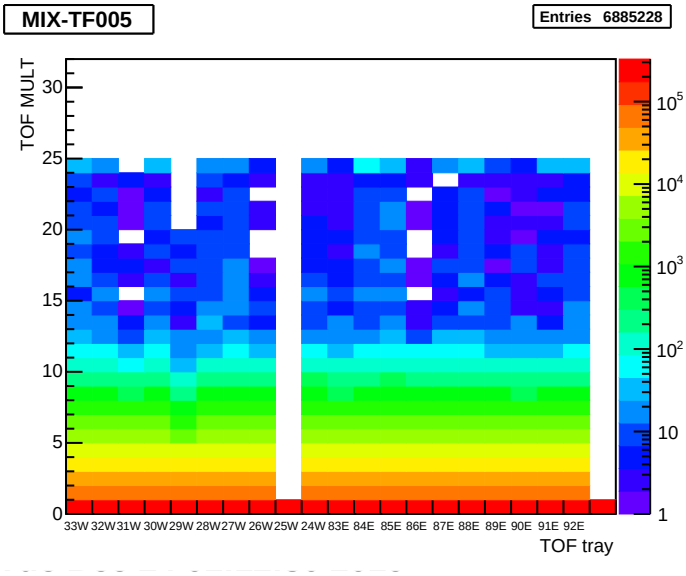

BunchId7Bit (TOFmult window)
Entries 11826

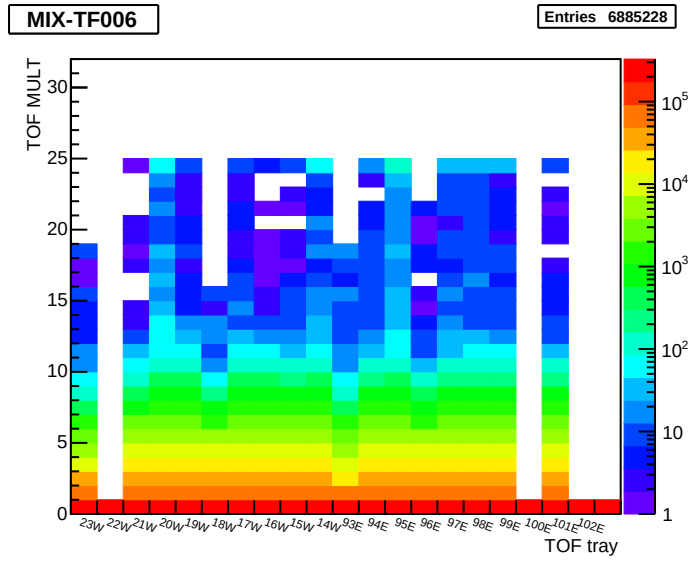

MIX-TF001
Entries 6885228
TOF MULT
TOF tray

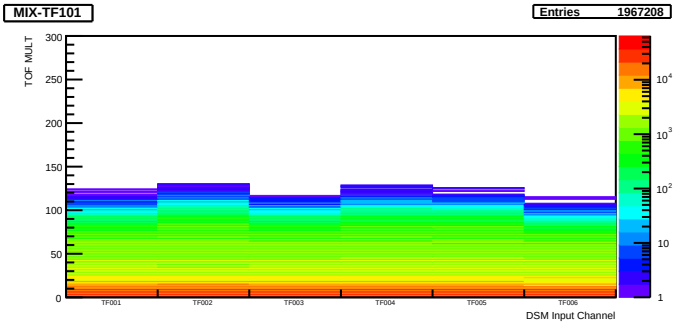

MIX-TF002
Entries 6885228
TOF MULT
TOF tray

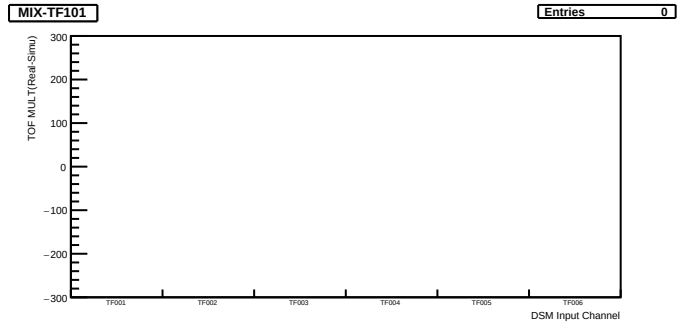

MIX-TF003
Entries 6885228
TOF MULT
TOF tray

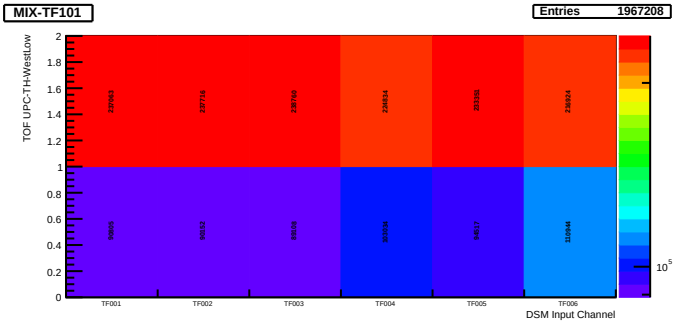

MIX-TF004
Entries 6885228
TOF MULT
TOF tray

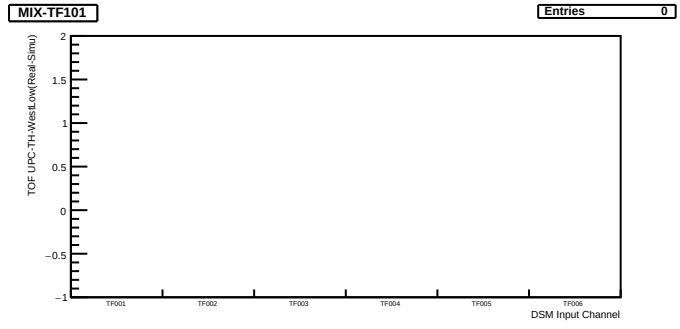

MIX-TF005
Entries 6885228
TOF MULT
TOF tray

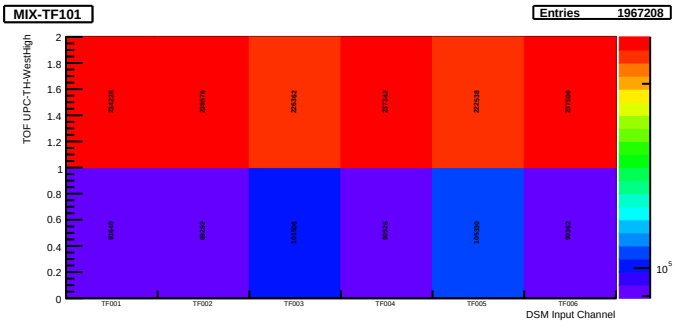

MIX-TF006
Entries 6885228
TOF MULT
TOF tray

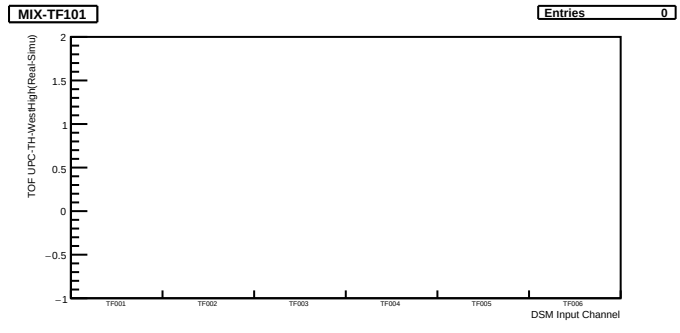

MIX-TF101
Entries 1967208
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

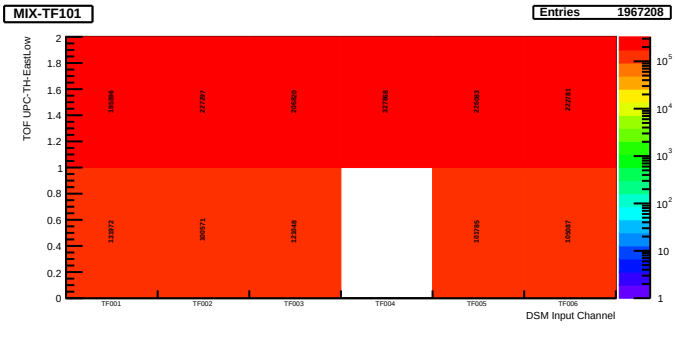

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

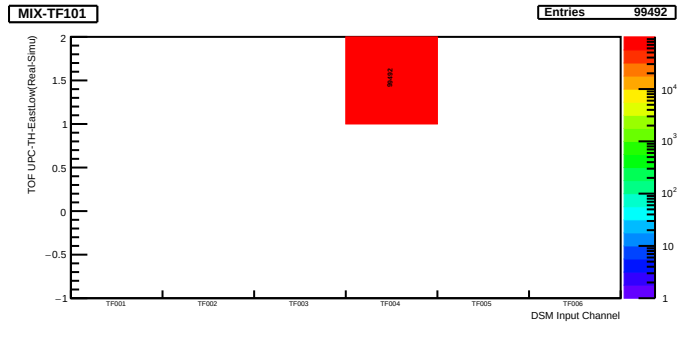

MIX-TF101
Entries 1967208
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

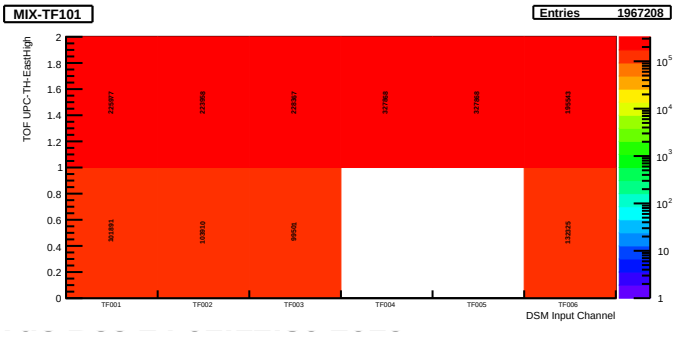

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

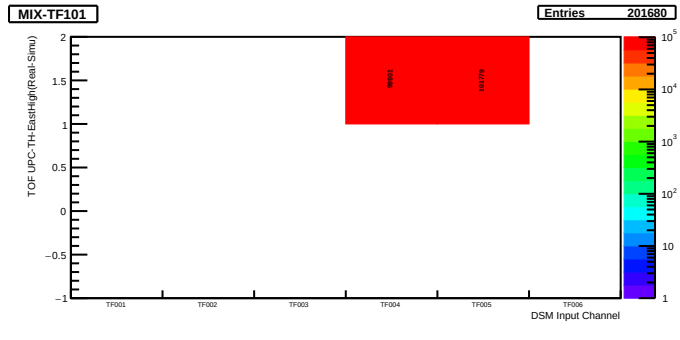

MIX-TF101
Entries 1967208
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

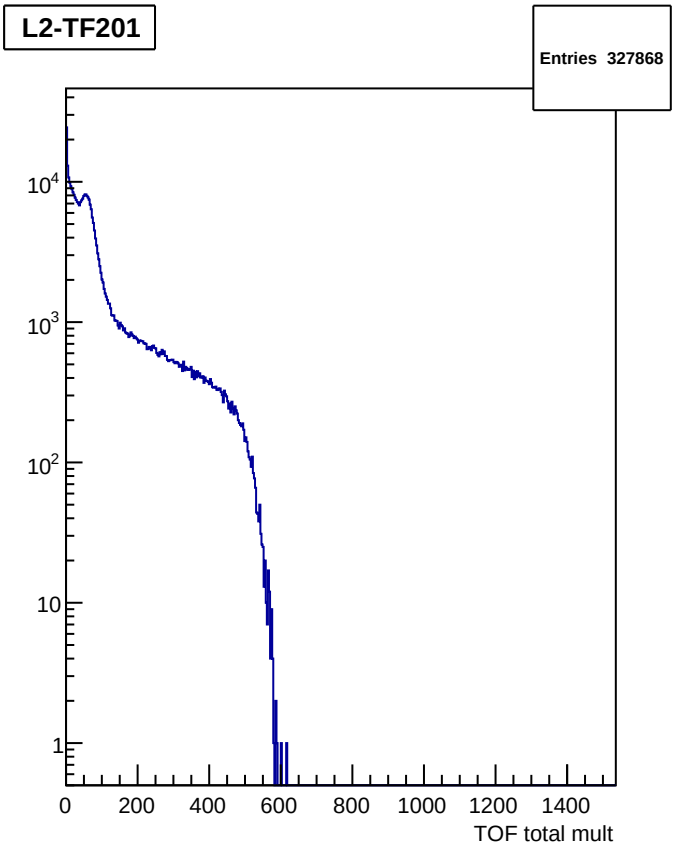

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

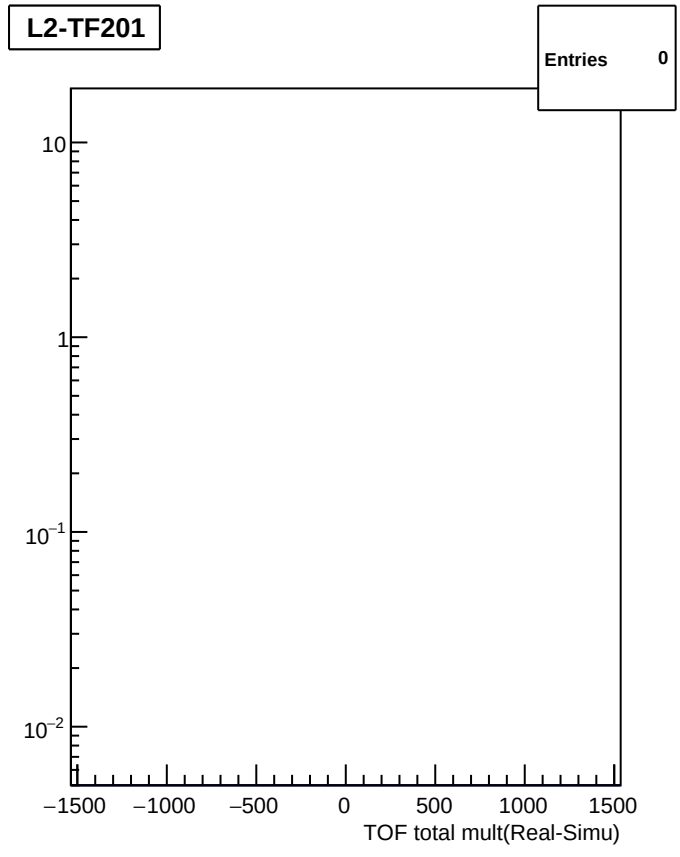

MIX-TF101
Entries 1967208
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

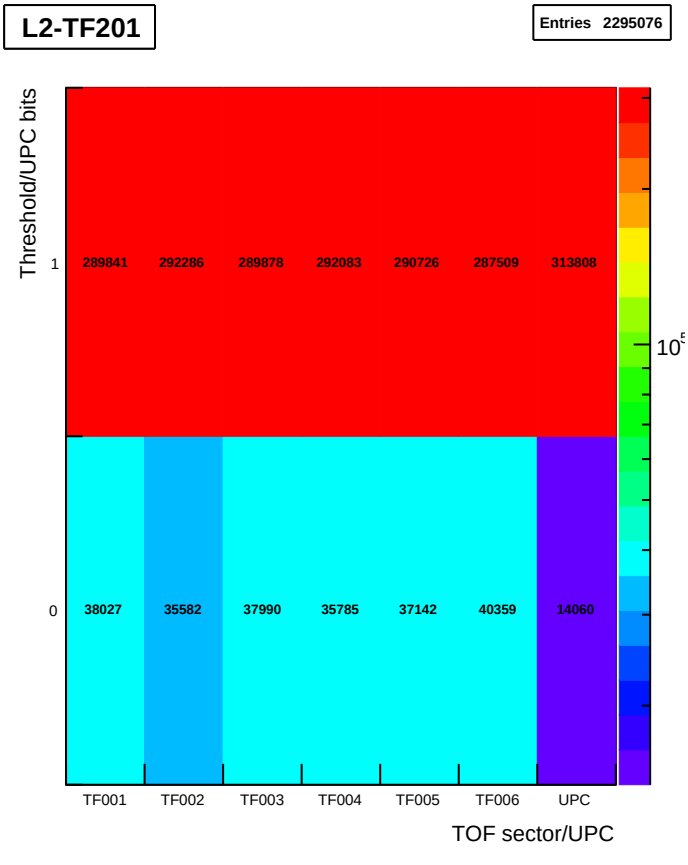

MIX-TF101
Entries 99492
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

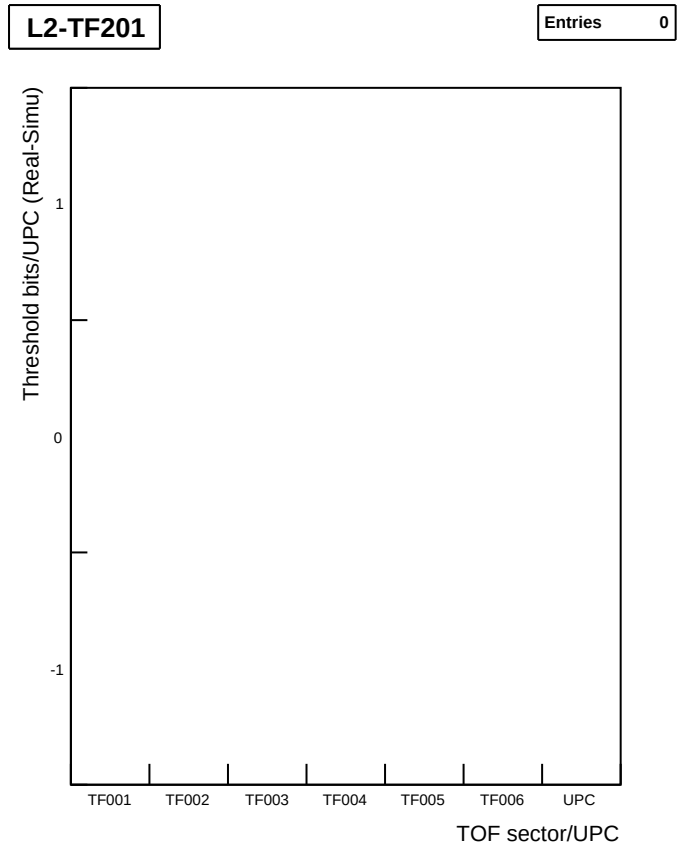

MIX-TF101
Entries 1967208
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

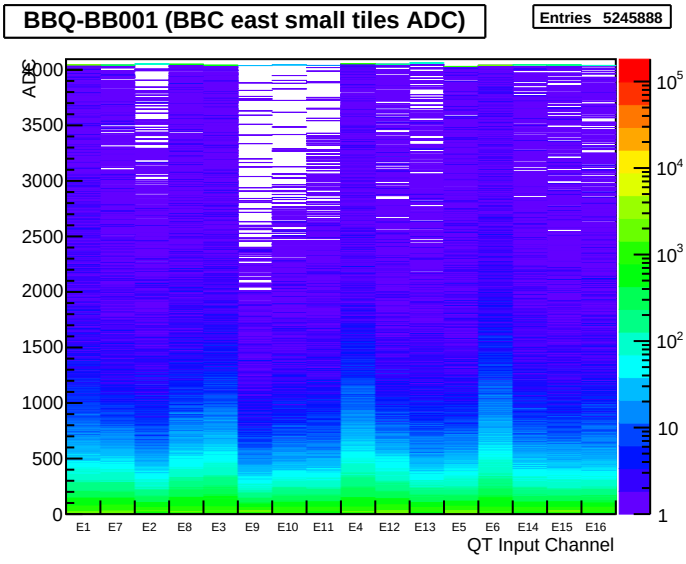

MIX-TF101
Entries 201680
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

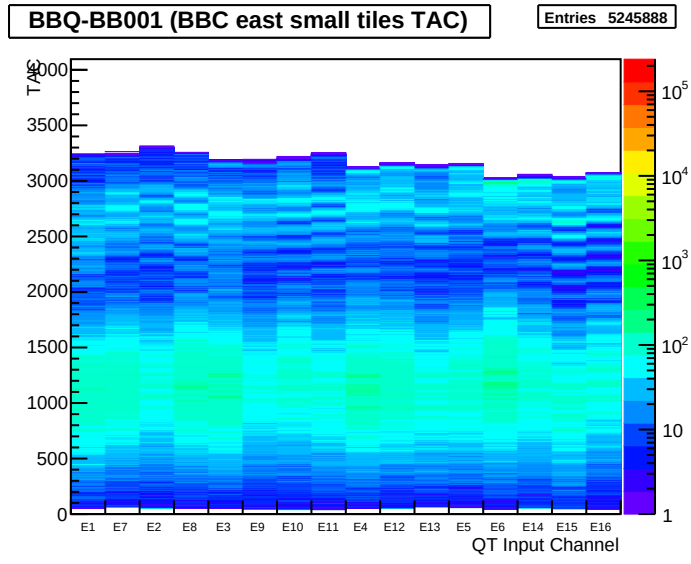

L2-TF201
Entries 327868
TOF total mult

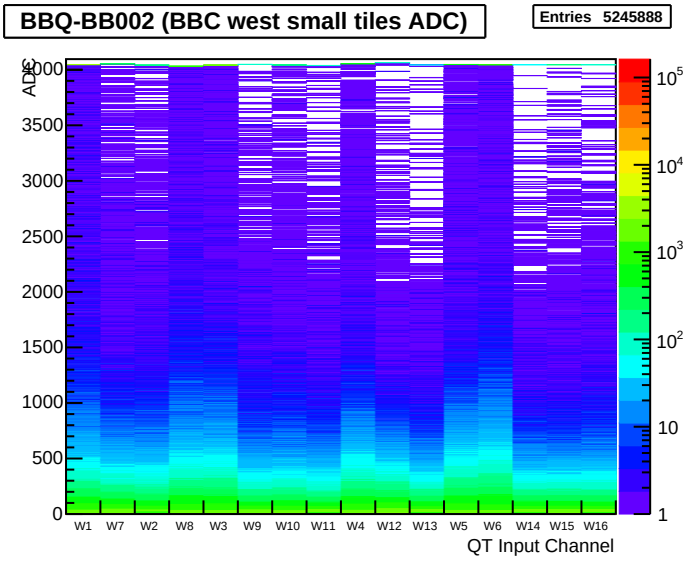

L2-TF201
Entries 0
TOF total mult(Real-Simu)

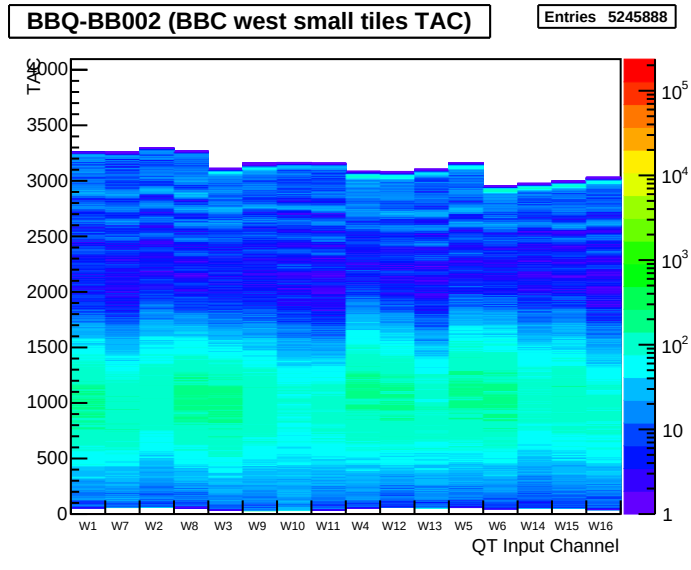

L2-TF201
Entries 2295076
Threshold/UPC bits
289841
292286
289878
292083
290726
287509
313808
38027
35582
37990
35785
37142
40359
14060
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

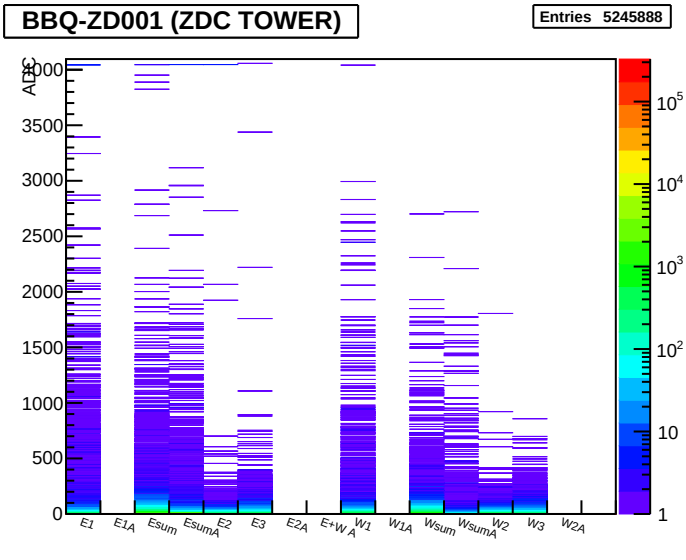

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

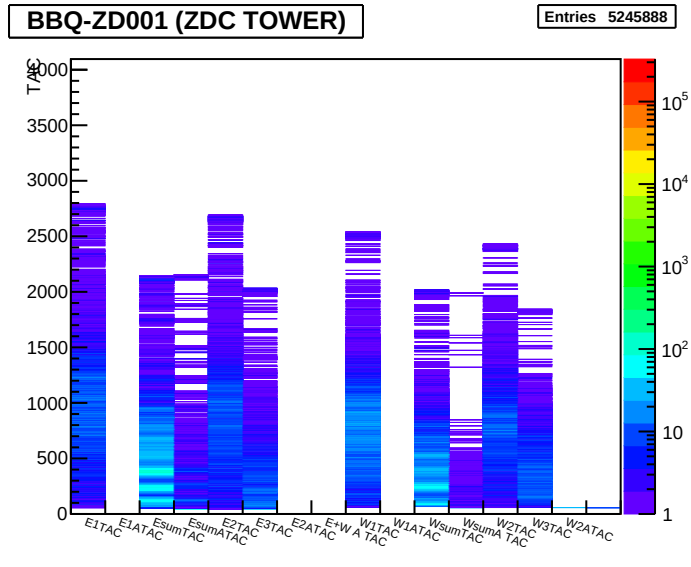

BBQ-BB001 (BBC east small tiles ADC)
Entries 5245888
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

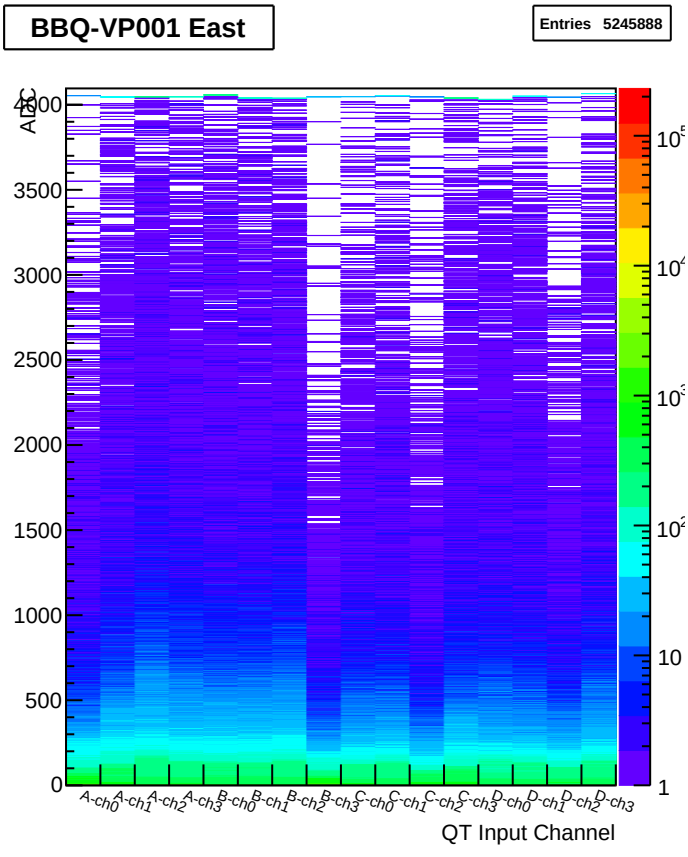

BBQ-BB001 (BBC east small tiles TAC)
Entries 5245888
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

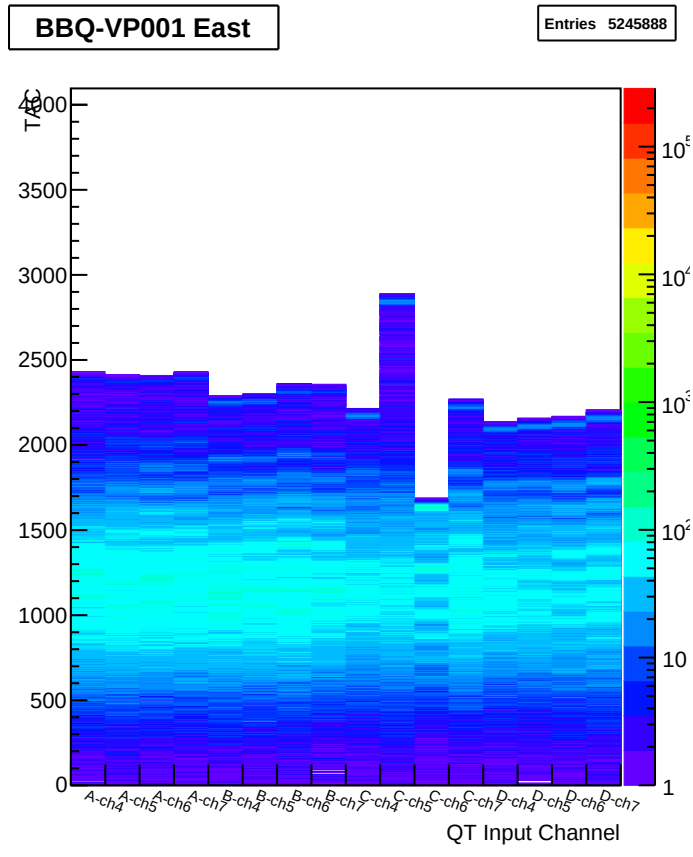

BBQ-BB002 (BBC west small tiles ADC)
Entries 5245888
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

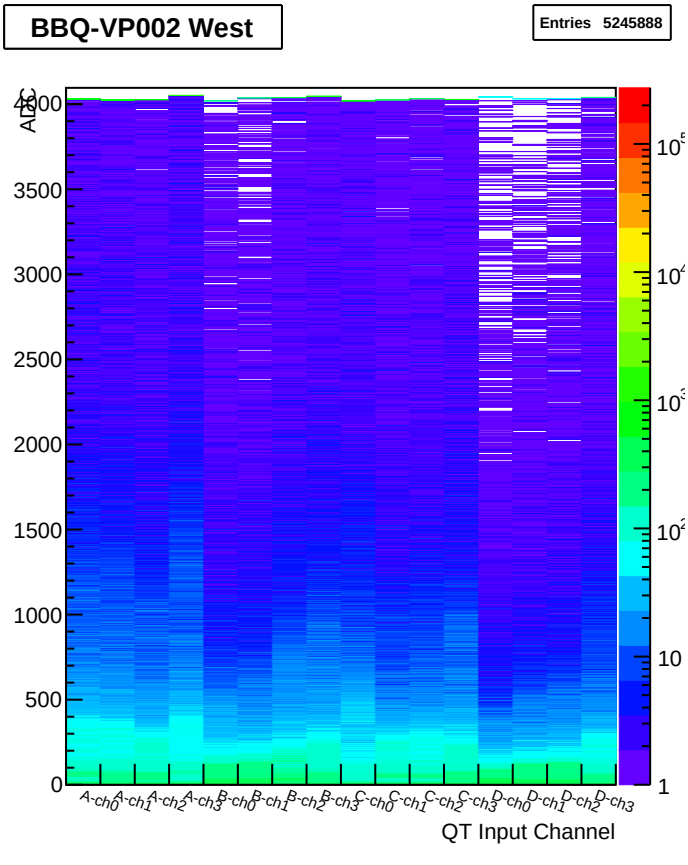

BBQ-BB002 (BBC west small tiles TAC)
Entries 5245888
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

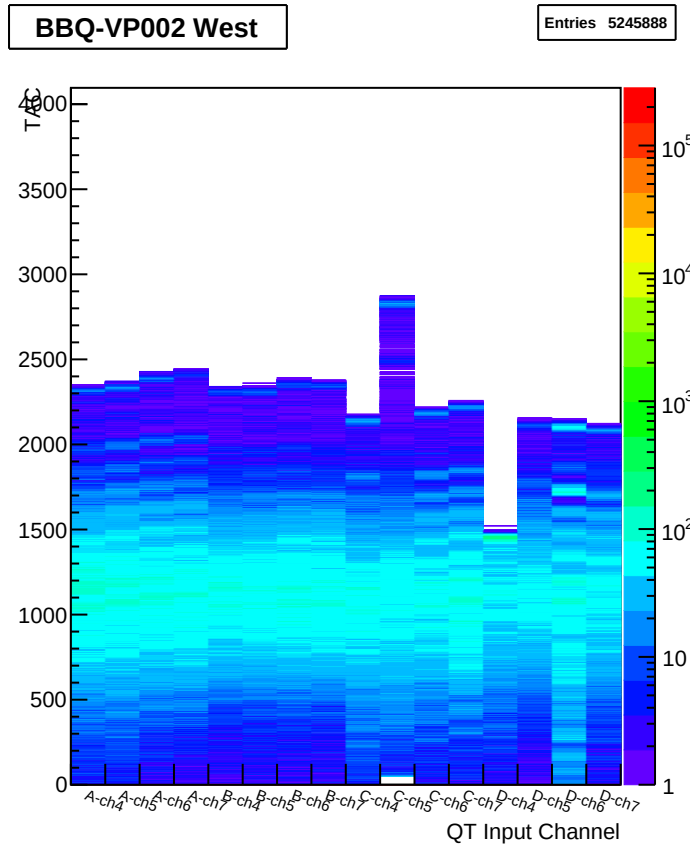

BBQ-ZD001 (ZDC TOWER)
Entries 5245888
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

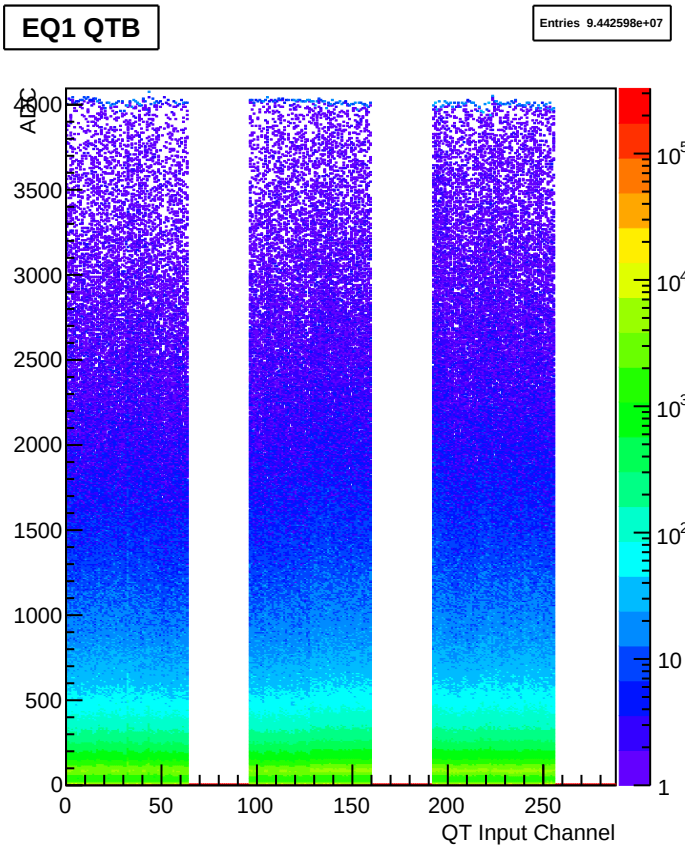

BBQ-ZD001 (ZDC TOWER)
Entries 5245888
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

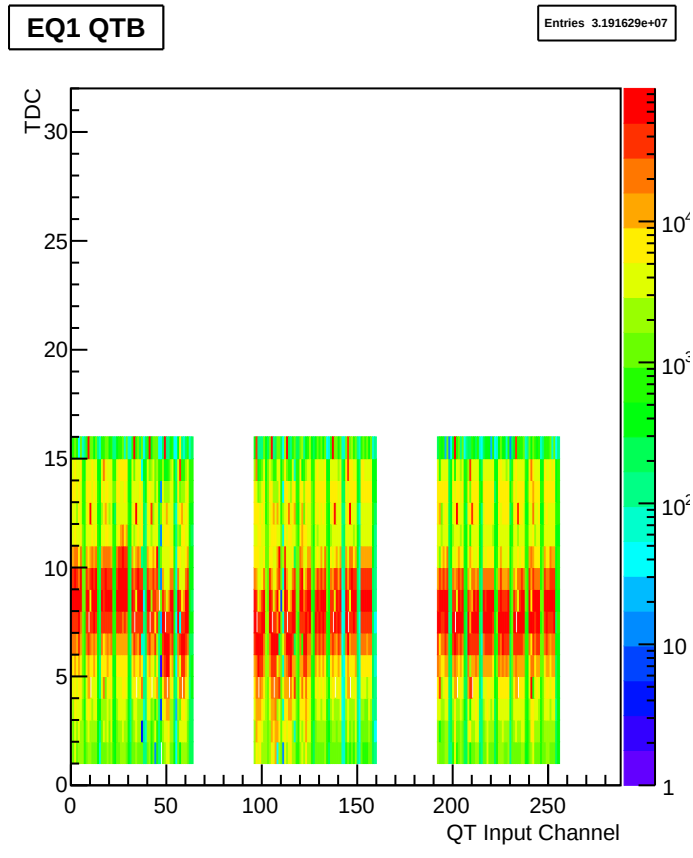

BBQ-VP001 East
Entries 5245888
ADC
QT Input Channel

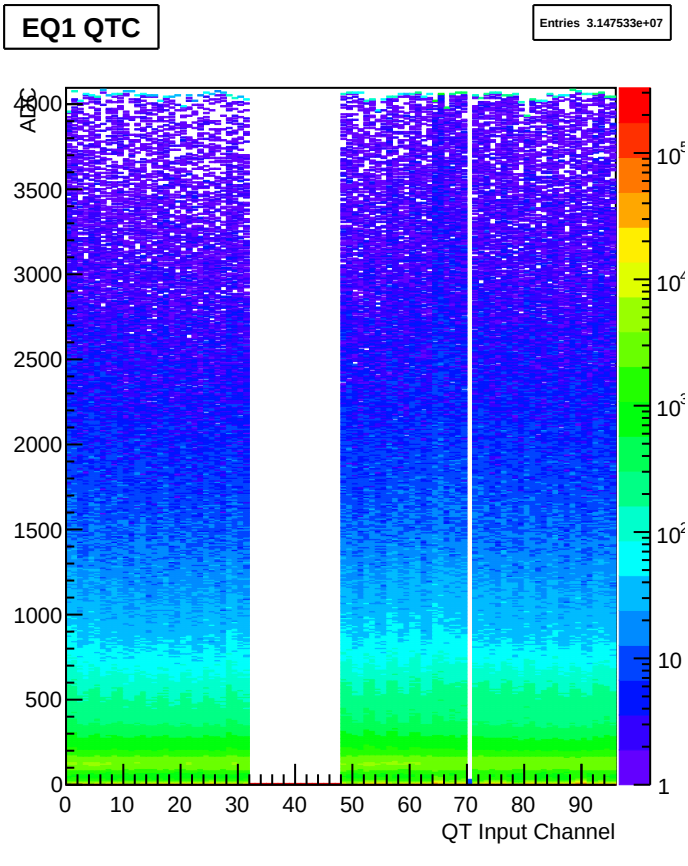

BBQ-VP001 East
Entries 5245888
ADC
QT Input Channel

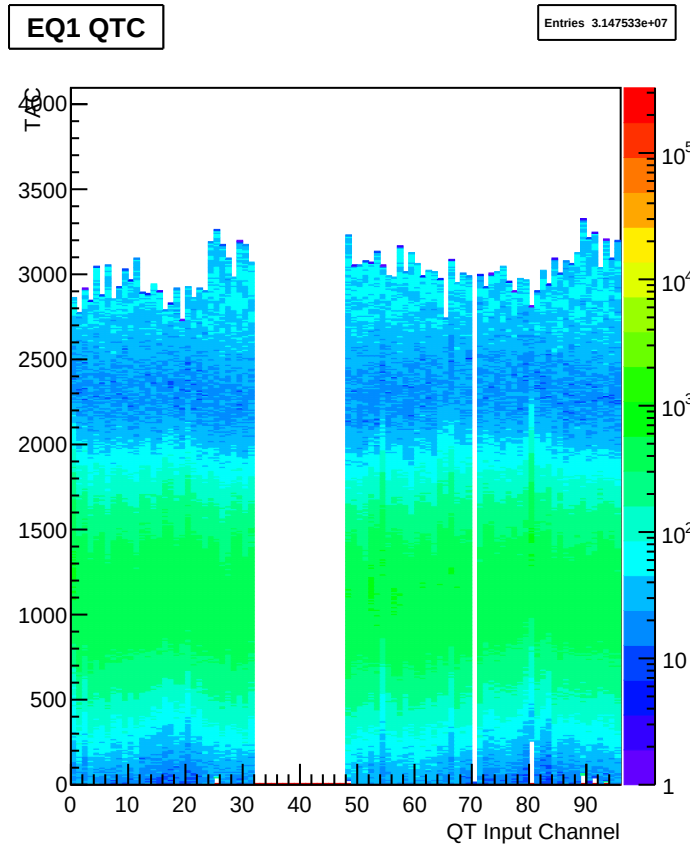

BBQ-VP002 West
Entries 5245888
ADC
QT Input Channel

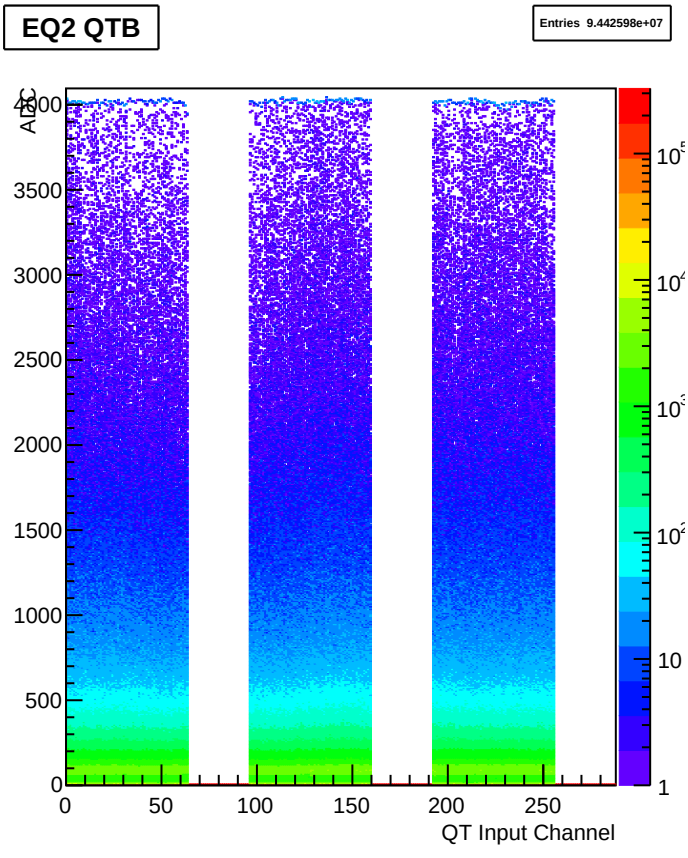

BBQ-VP002 West
Entries 5245888
ADC
QT Input Channel

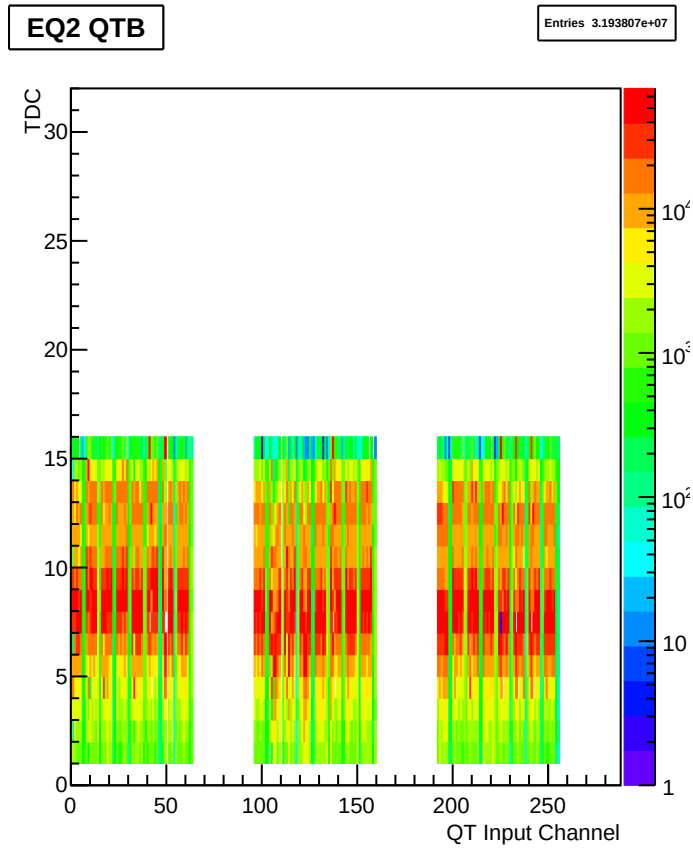

EQ1 QTB
Entries 9.442598e+07
ADC
QT Input Channel

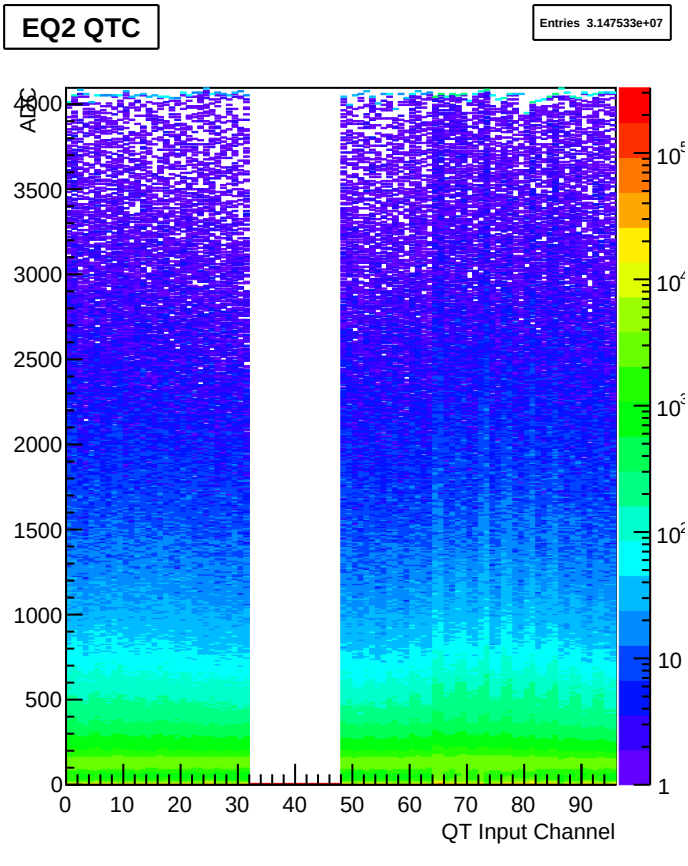

EQ1 QTB
Entries 3.191629e+07
TDC
QT Input Channel

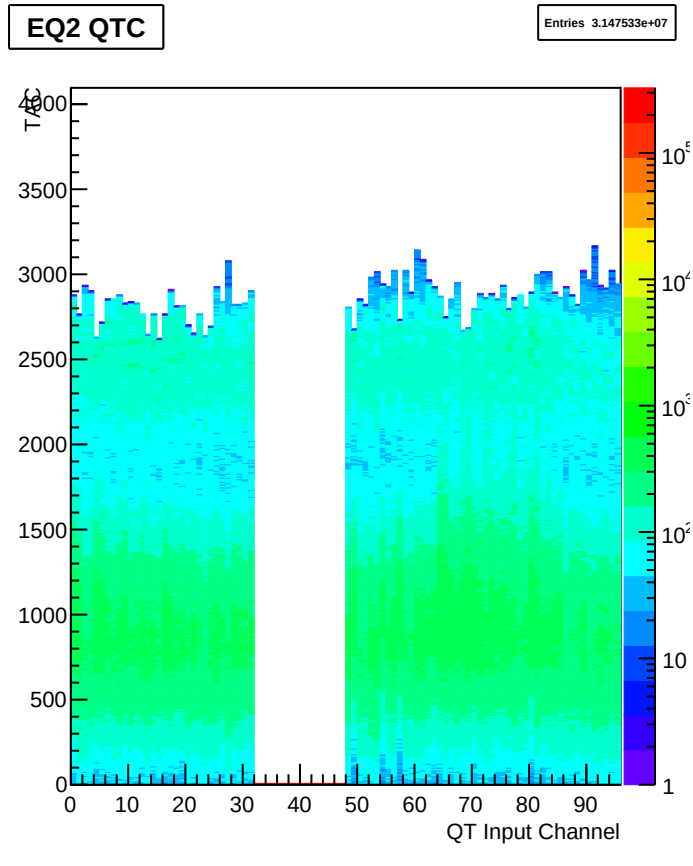

EQ1 QTC
Entries 3.147533e+07
ADC
QT Input Channel

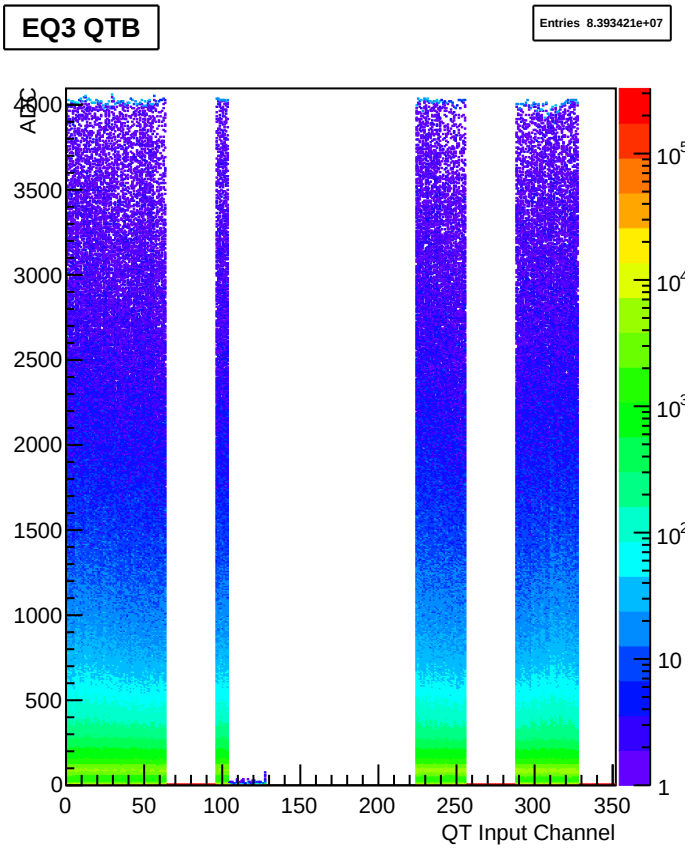

EQ1 QTC
Entries 3.147533e+07
TADC
QT Input Channel

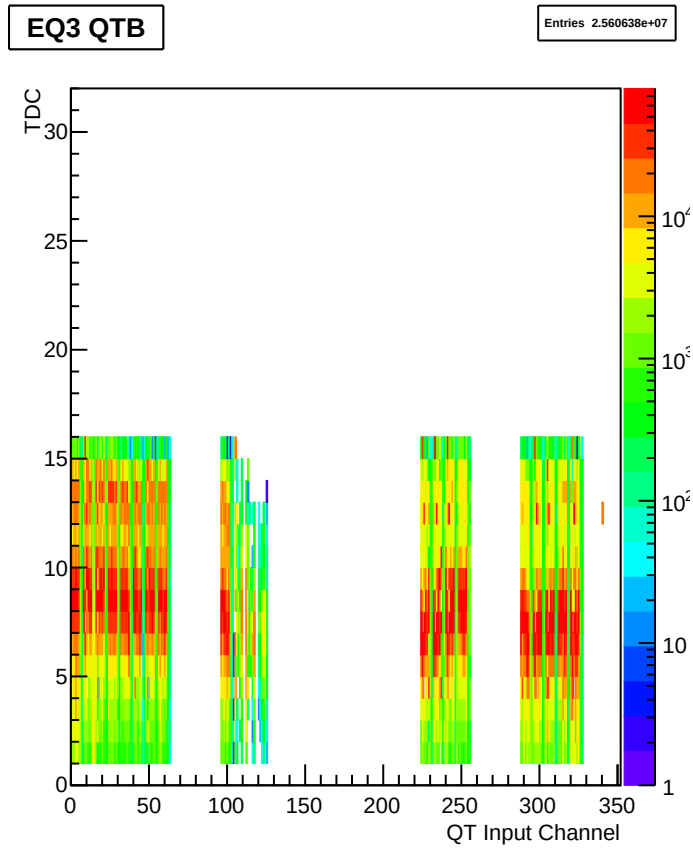

EQ2 QTB
Entries 9.442598e+07
ADC
QT Input Channel

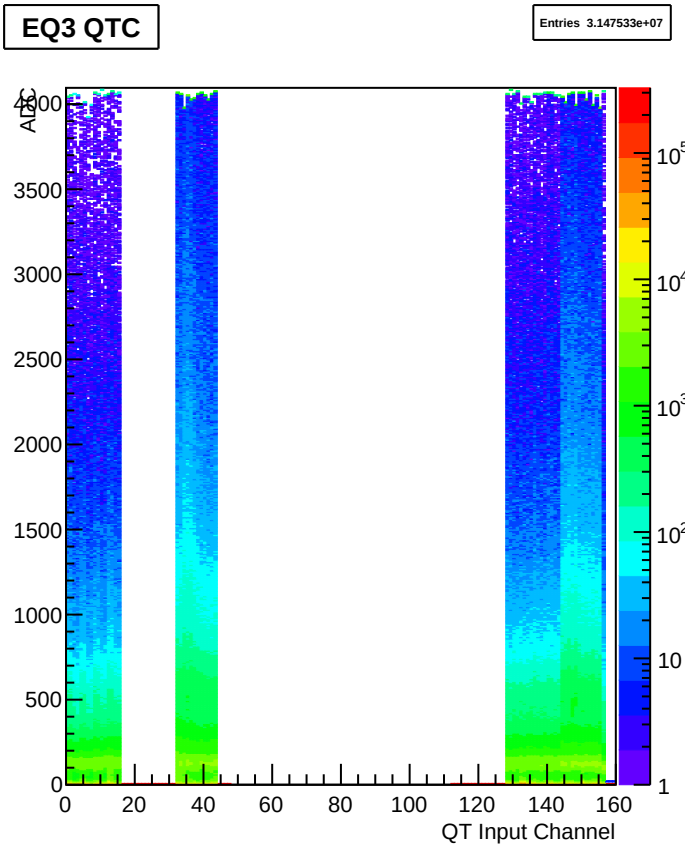

EQ2 QTB
Entries 3.193807e+07
TDC
QT Input Channel

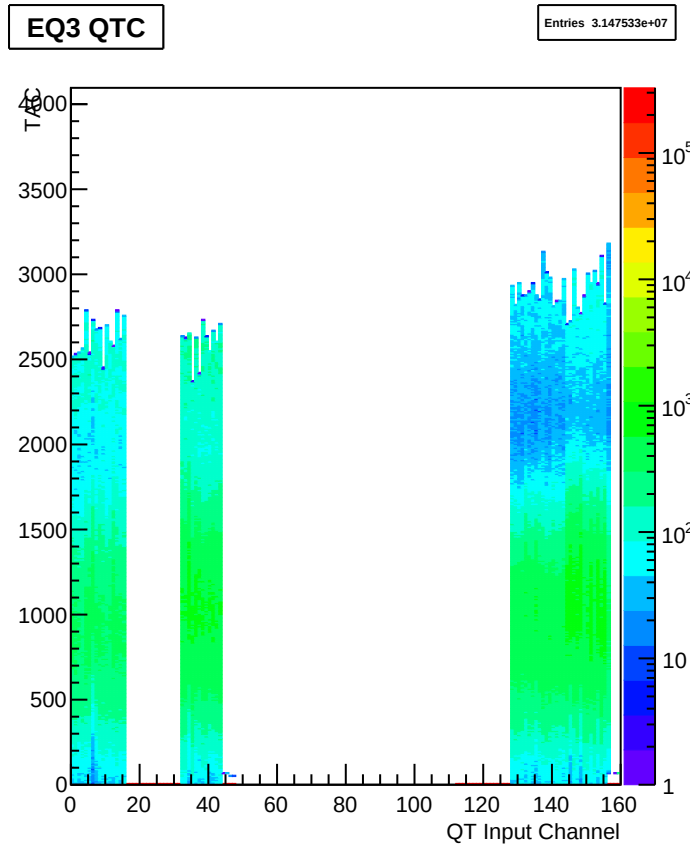

EQ2 QTC
Entries 3.147533e+07
ADC
QT Input Channel

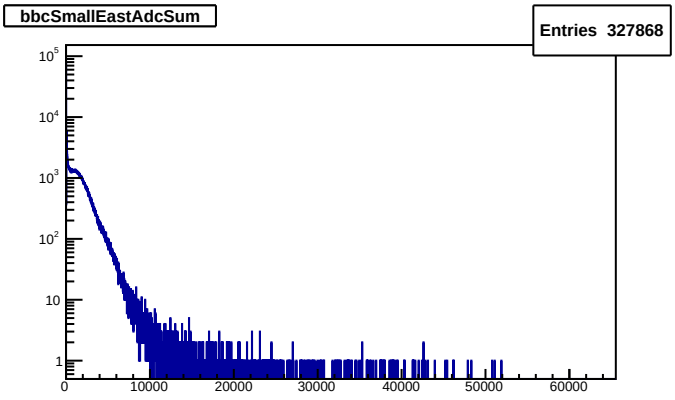

EQ2 QTC
Entries 3.147533e+07
TADC
QT Input Channel

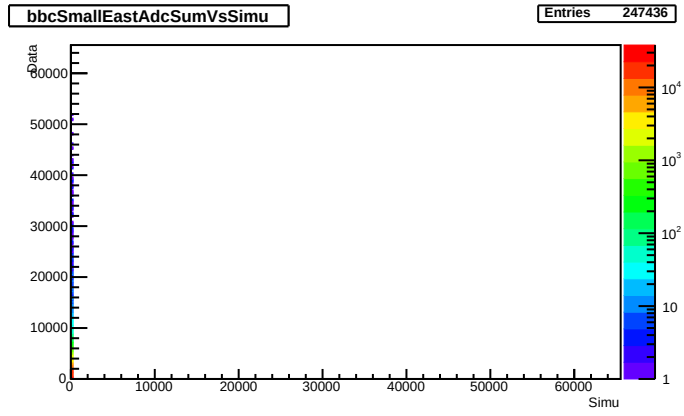

EQ3 QTB
Entries 8.393421e+07
ADC
QT Input Channel

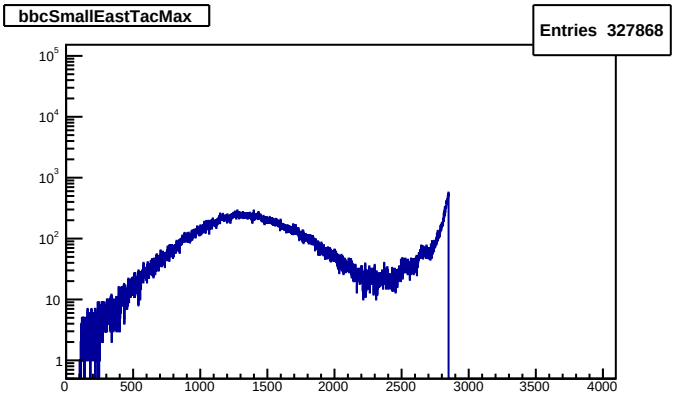

EQ3 QTB
Entries 2.560638e+07
TDC
QT Input Channel

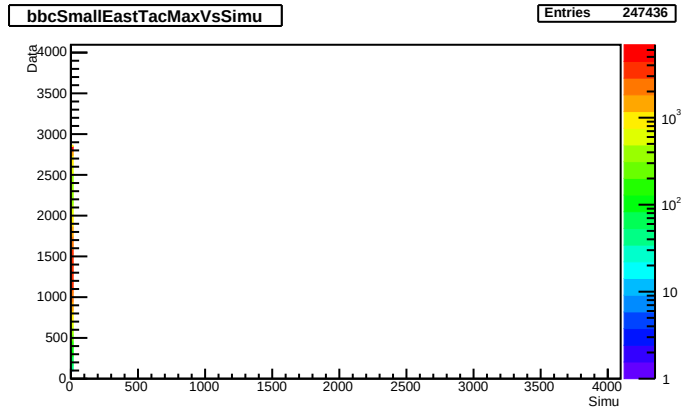

EQ3 QTC
Entries 3.147533e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.147533e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 327868


bbcSmallEastAdcSumVsSimu
Entries 247436
Data
Simu


bbcSmallEastTacMax
Entries 327868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Entries 247436
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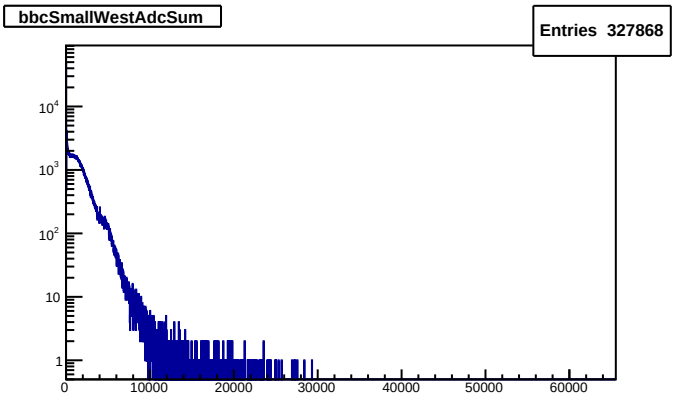
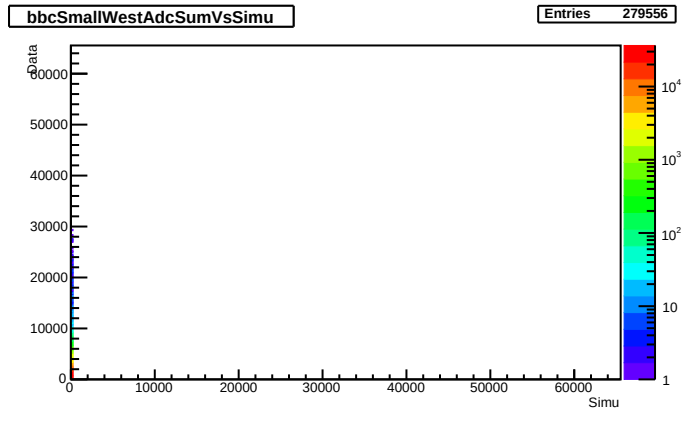
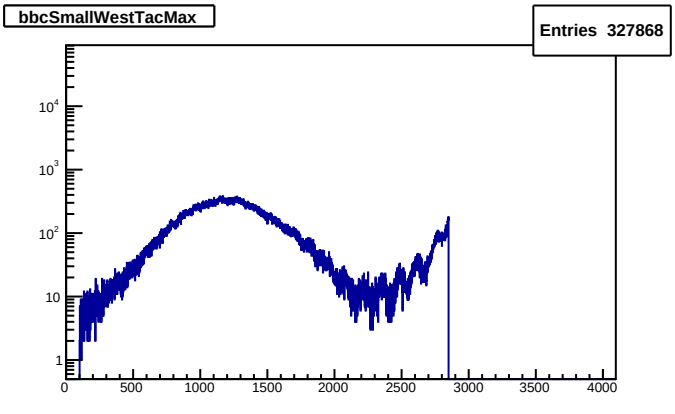
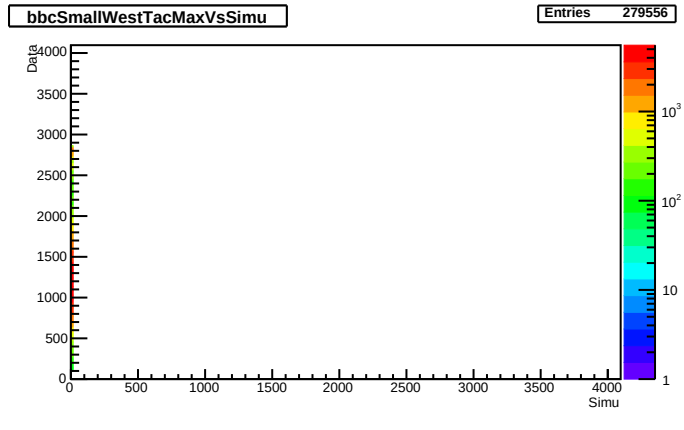

bbcSmallWestAdcSum
Entries 327868


bbcSmallWestAdcSumVsSimu
Entries 279556
Data
Simu


bbcSmallWestTacMax
Entries 327868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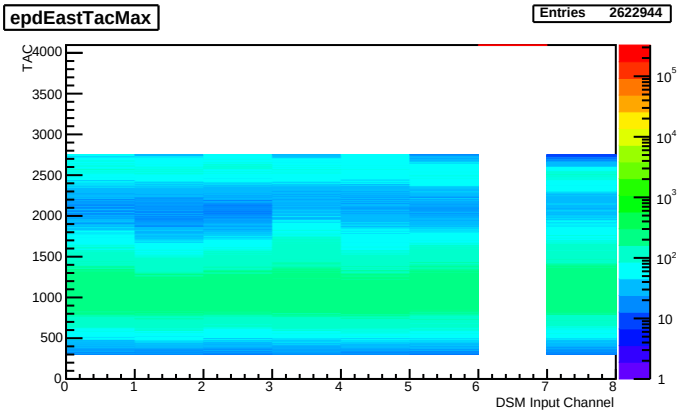
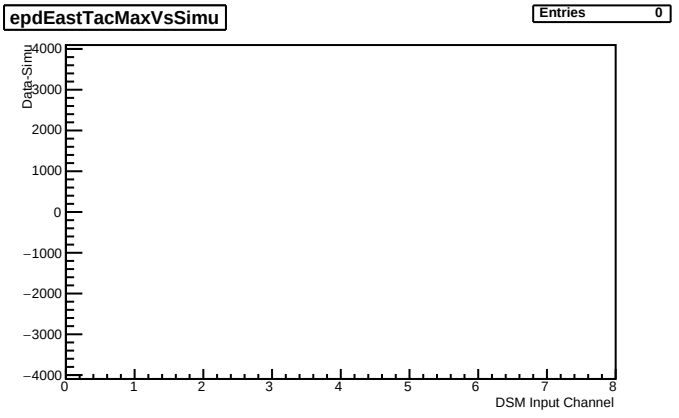
Entries 279556
Data
Simu


epdEastTacMax
Entries 2622944
TAC
DSM Input Channel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Entries 0
Data-Simu
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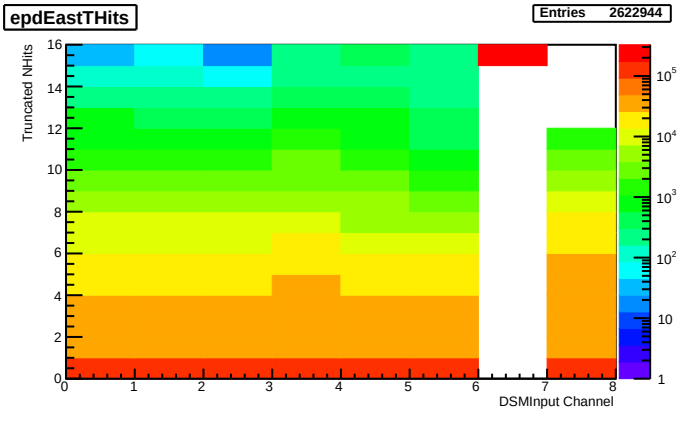
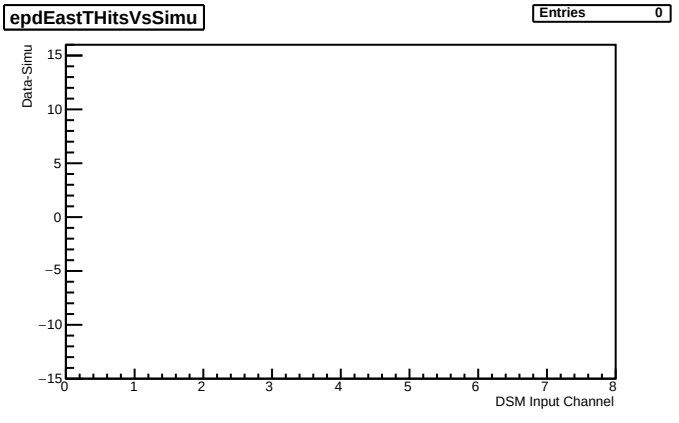

epdEastTHits
Entries 2622944
Truncated NHits
DSMInput Channel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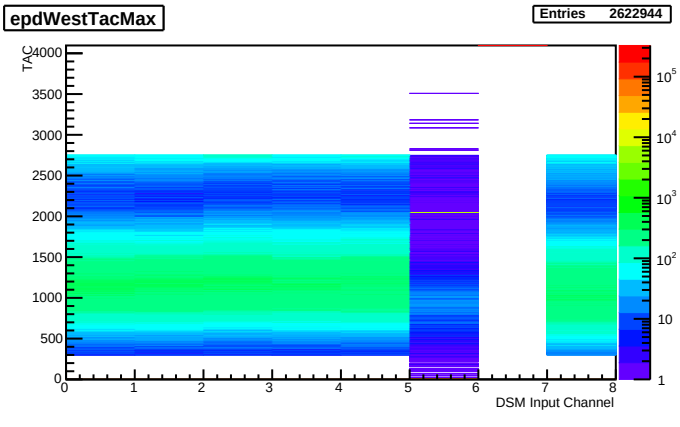
Data-Simu
DSM Input Channel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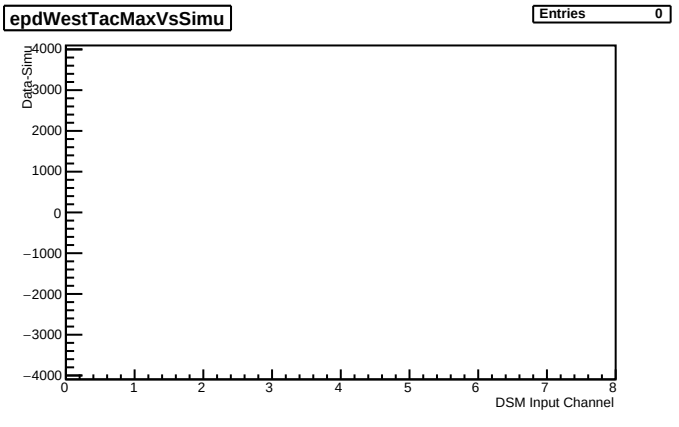
Entries 2622944
TAC
DSM Input Channel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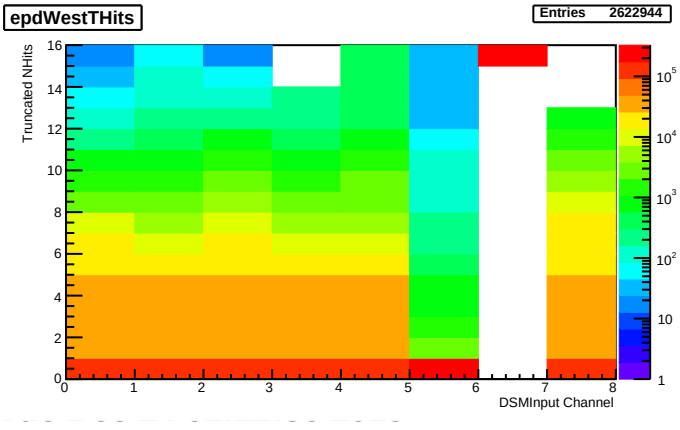
Entries 0
Data-Simu
DSM Input Channel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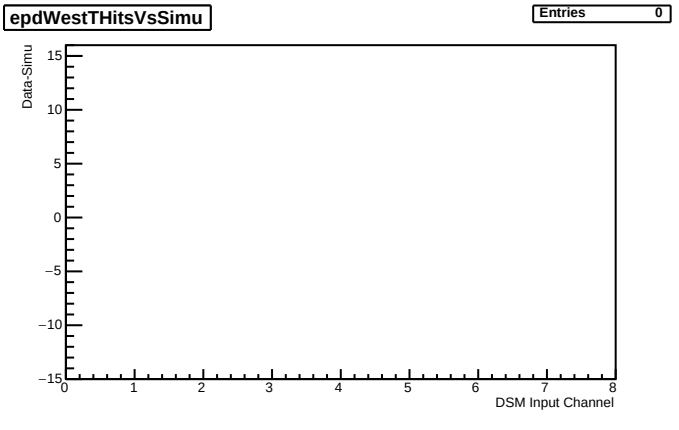
Entries 2622944
Truncated NHits
DSMInput Channel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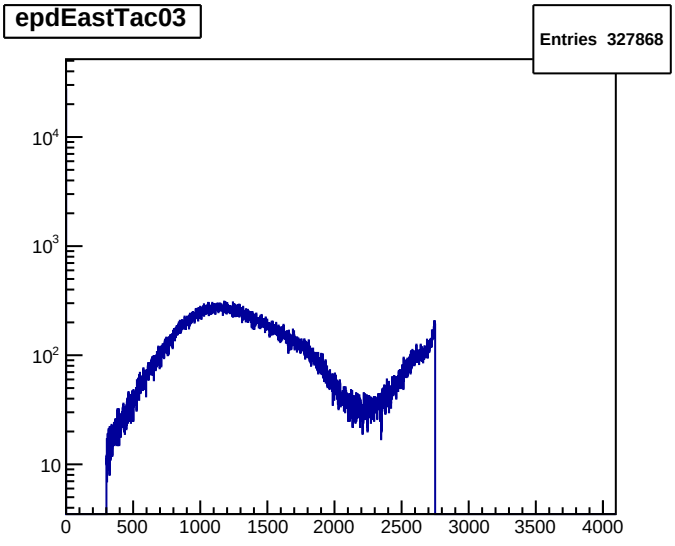
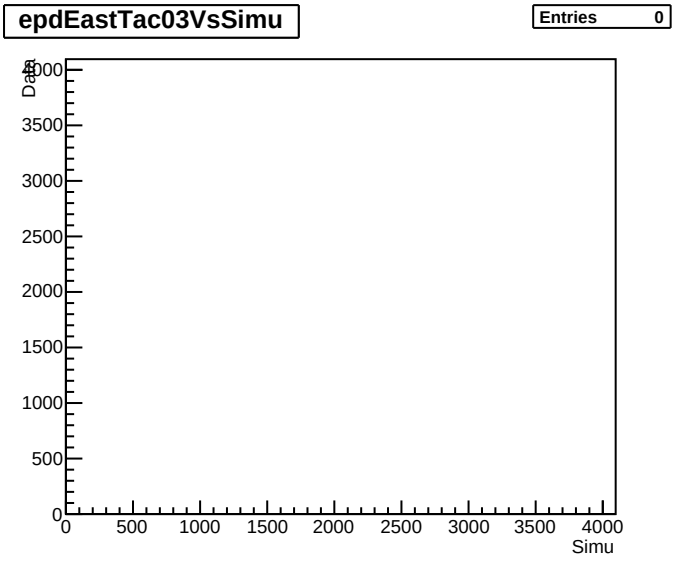
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 327868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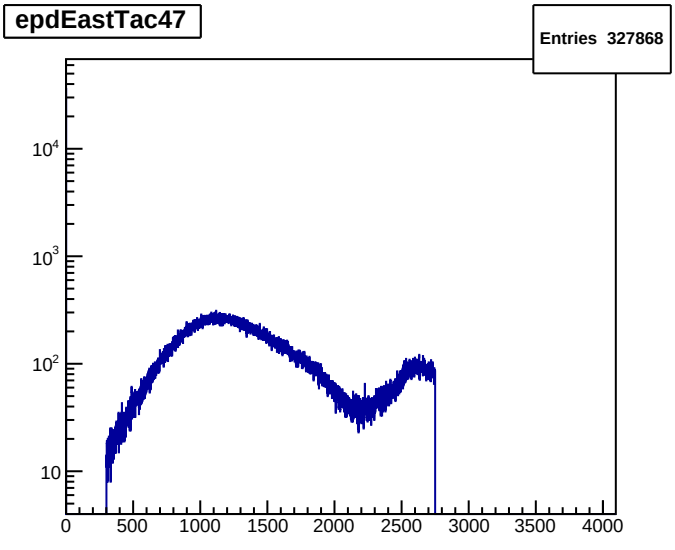
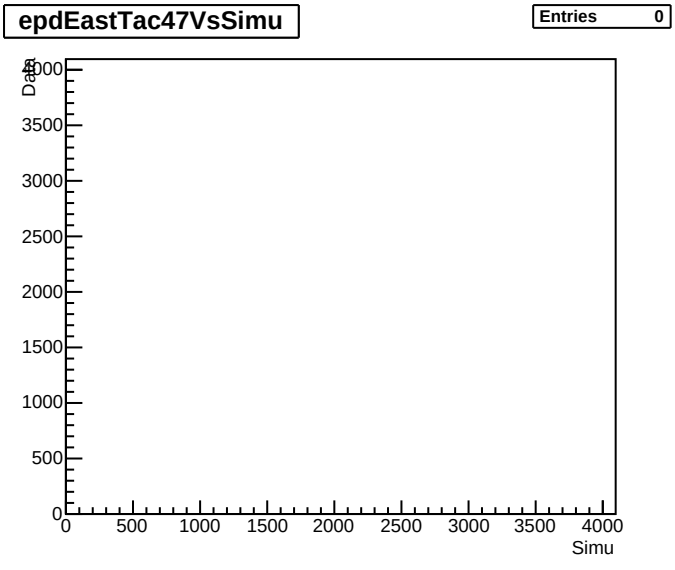
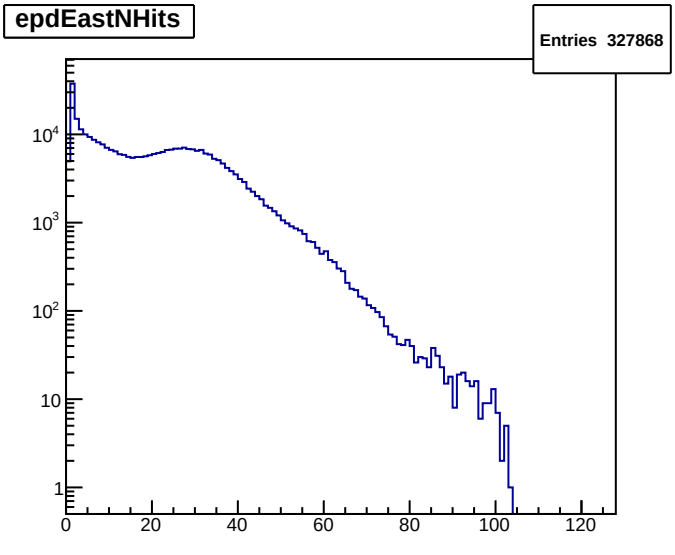
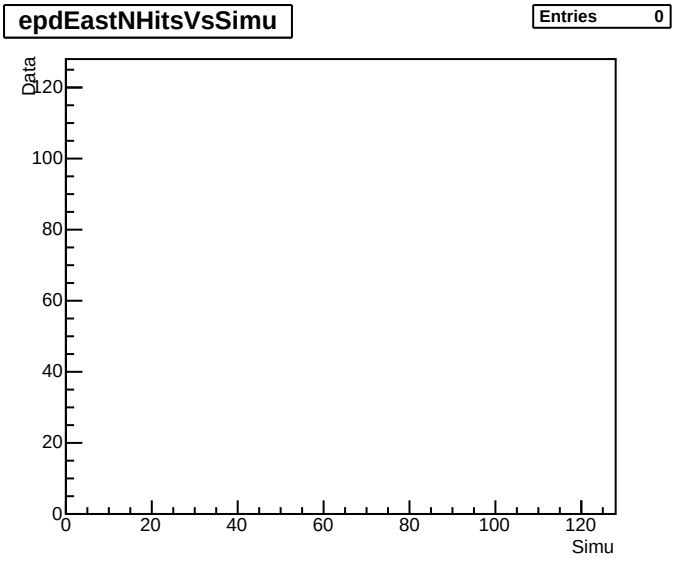
Entries 0
Data
Simu


epdEastTac47
Entries 327868


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 327868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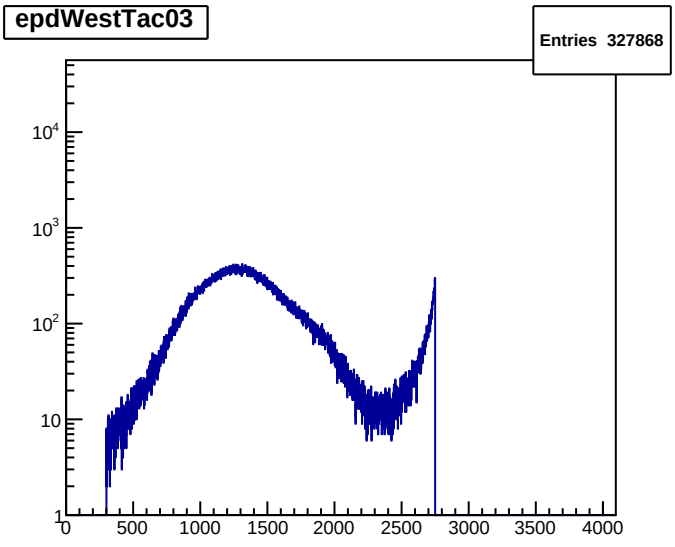
Entries 0
Data
Simu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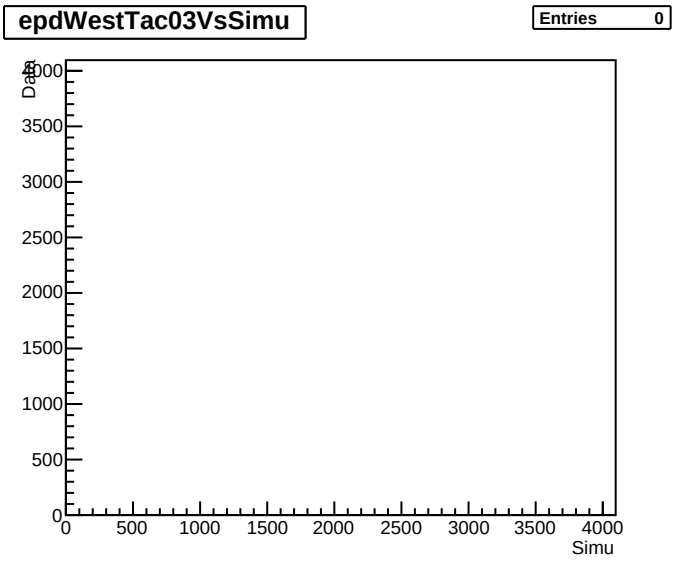
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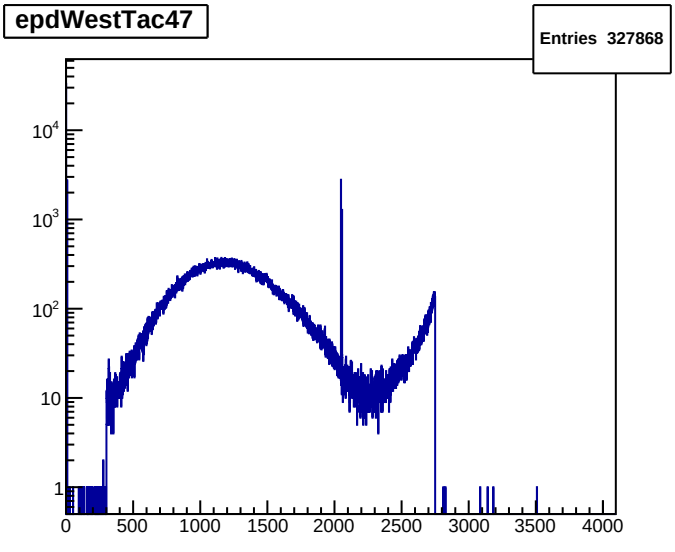
Entries 0
Data
Simu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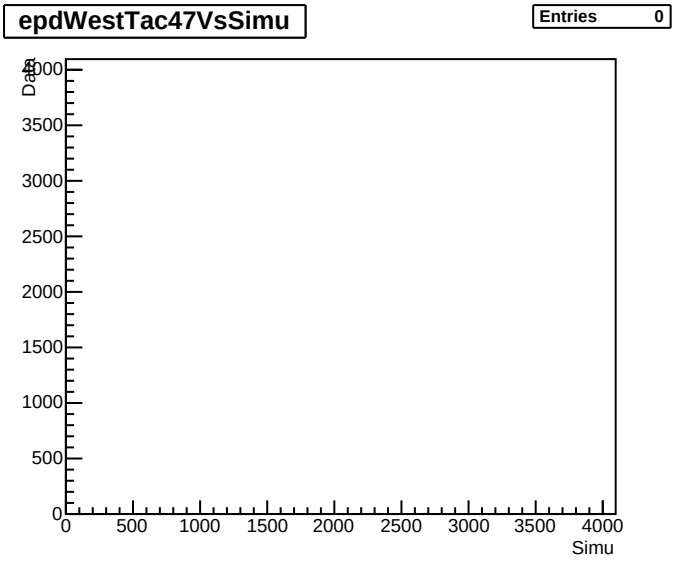
Entries 327868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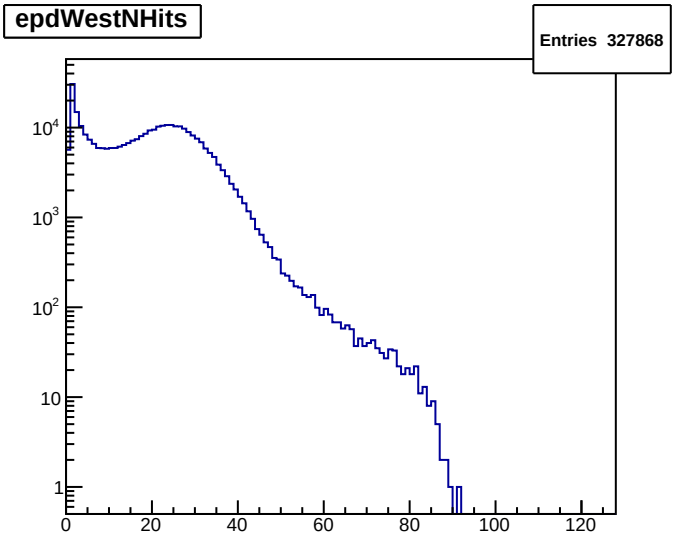
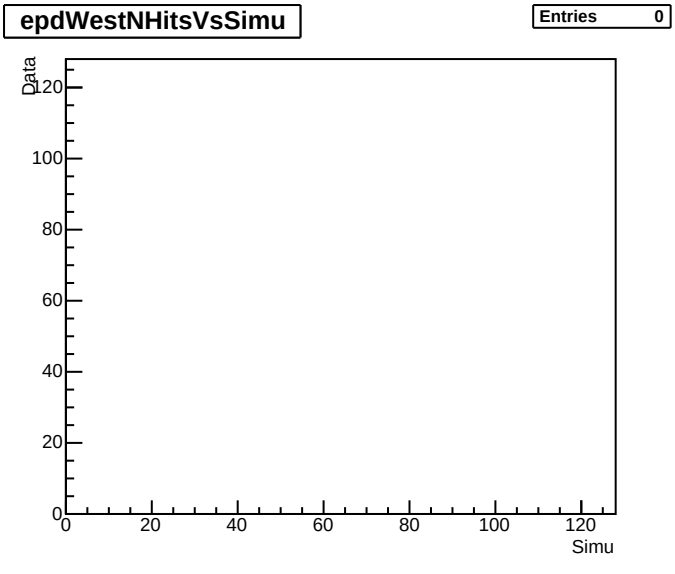
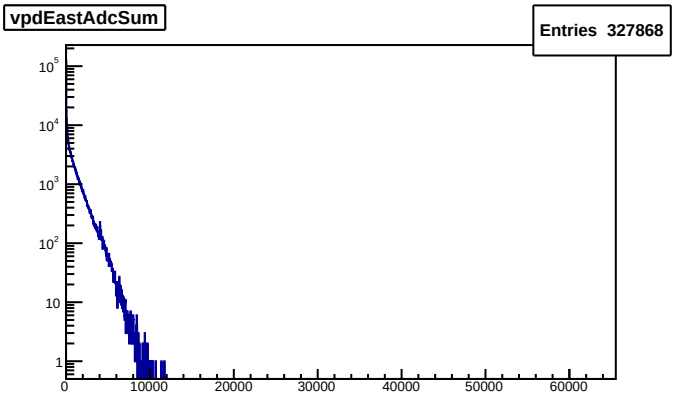
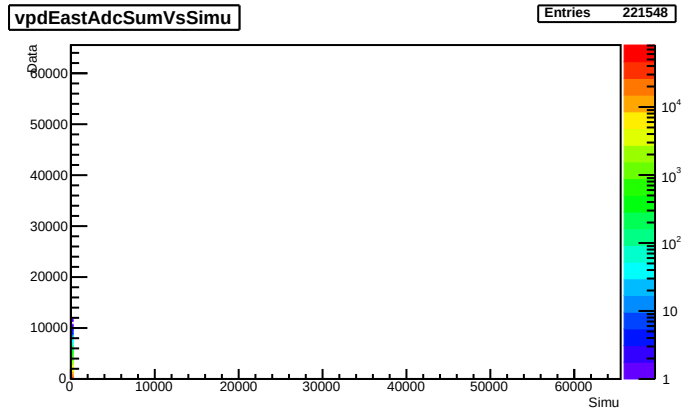
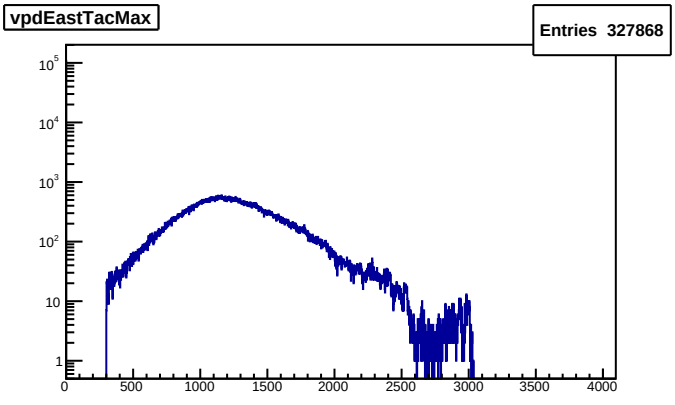
Entries 0
Data
Simu

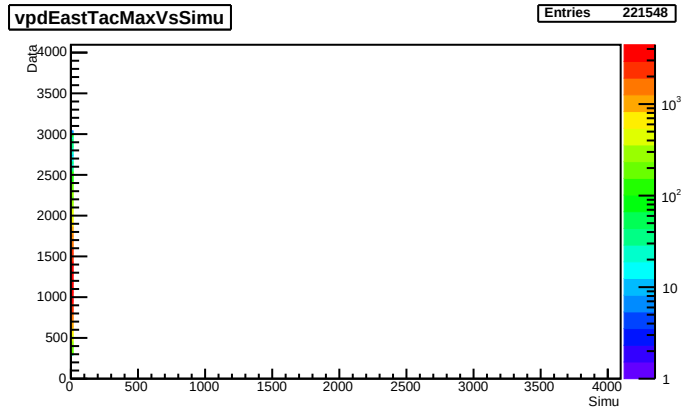

epdWestNHits
Entries 327868


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 327868


vpdEastAdcSumVsSimu
Entries 221548
Data
Simu


vpdEastTacMax
Entries 327868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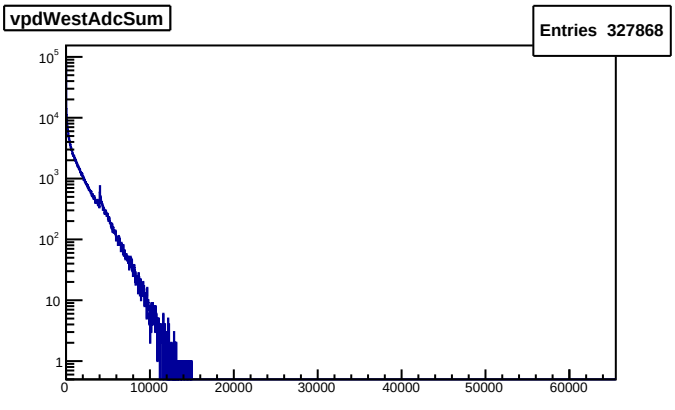
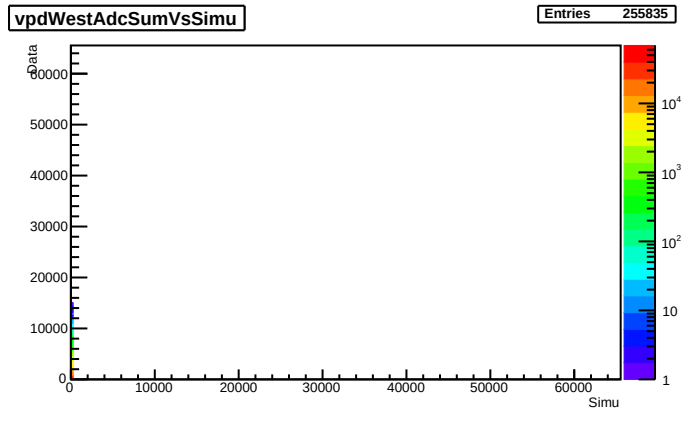
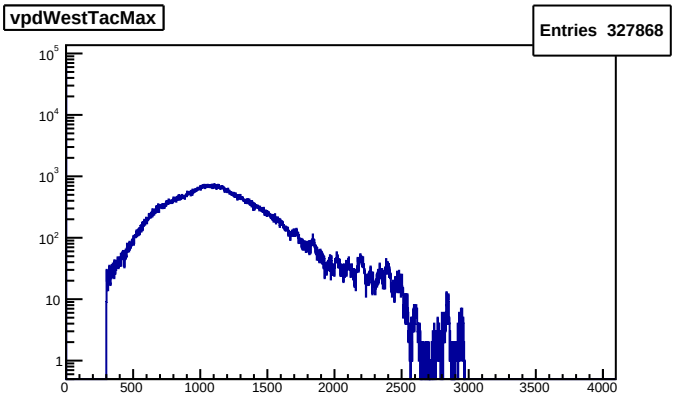
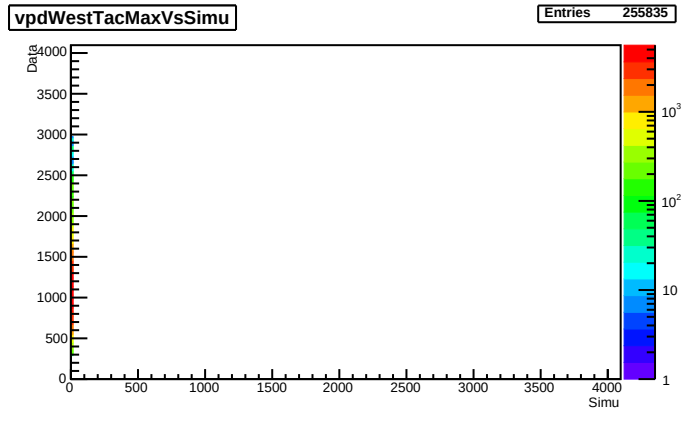
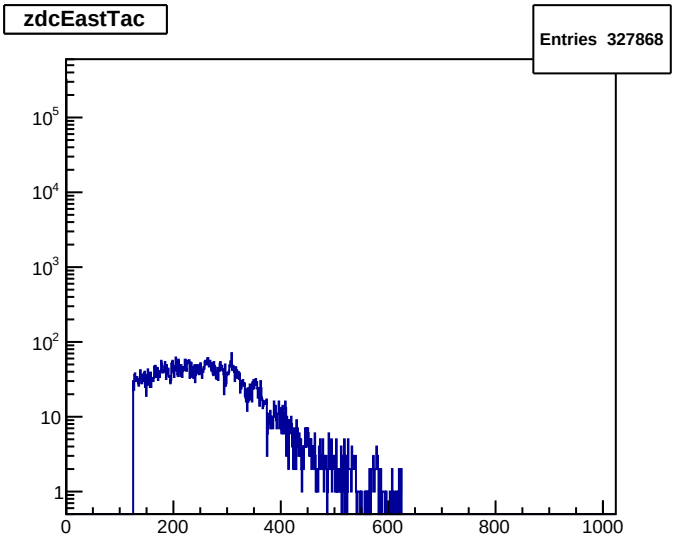
Entries 221548
Data
Simu

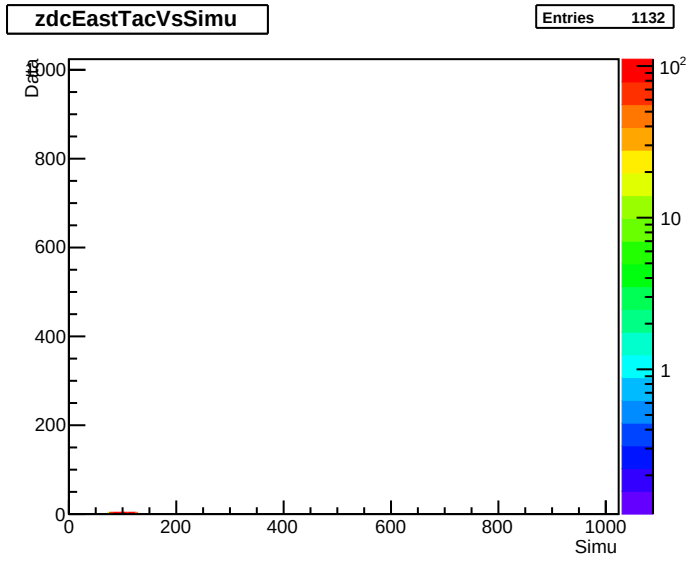

vpdWestAdcSum
Entries 327868

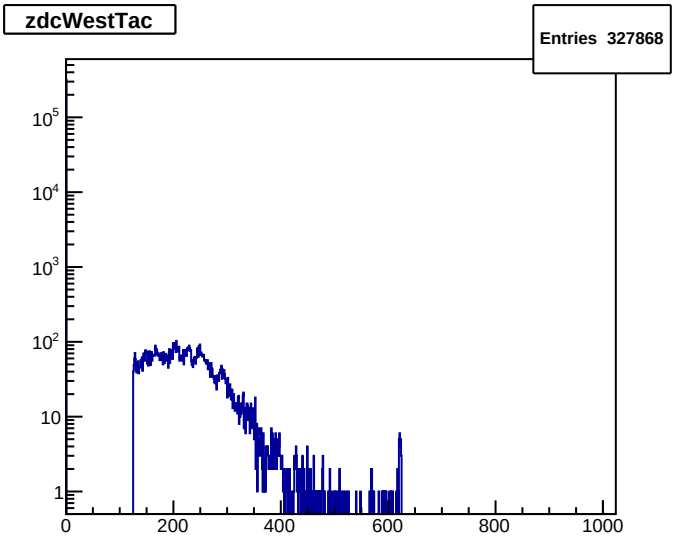

vpdWestAdcSumVsSimu
Entries 255835
Data
Simu

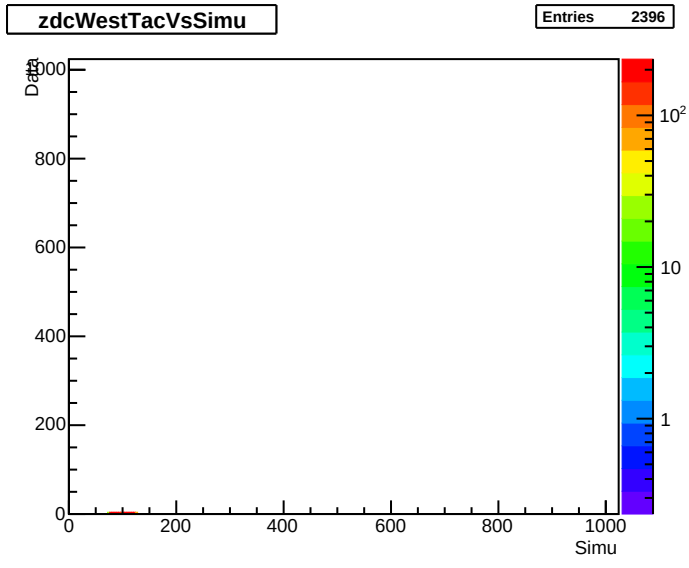

vpdWestTacMax
Entries 327868

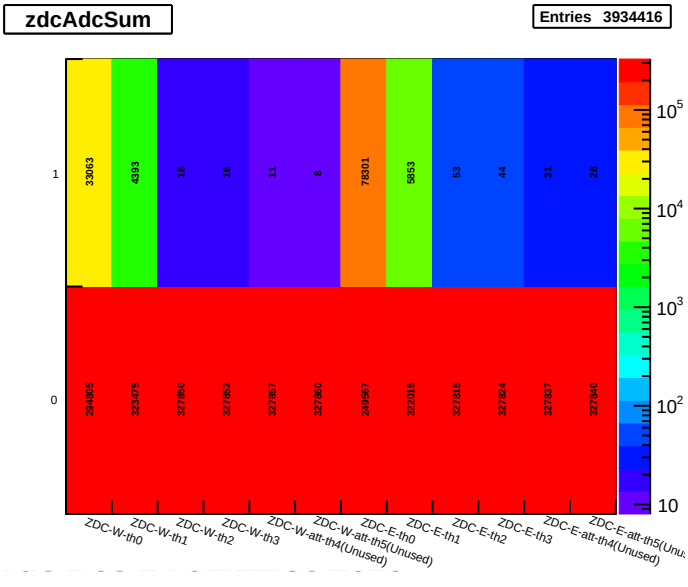

vpdWestTacMaxVsSimu
Entries 255835
Data
Simu

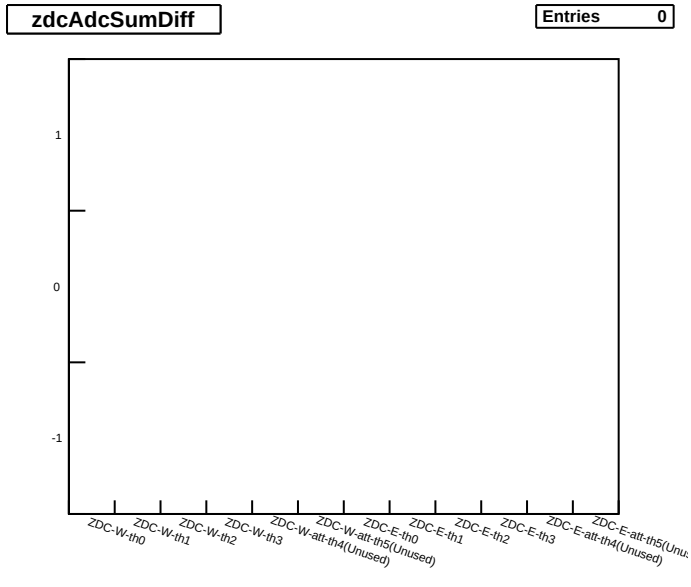

zdcEastTac
Entries 327868

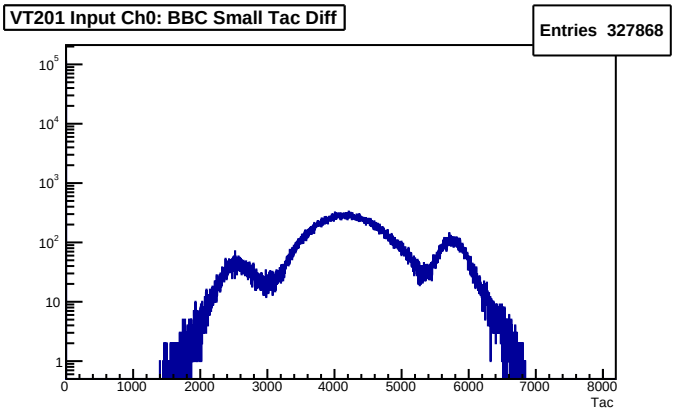

zdcEastTacVsSimu
Entries 1132
Data
Simu

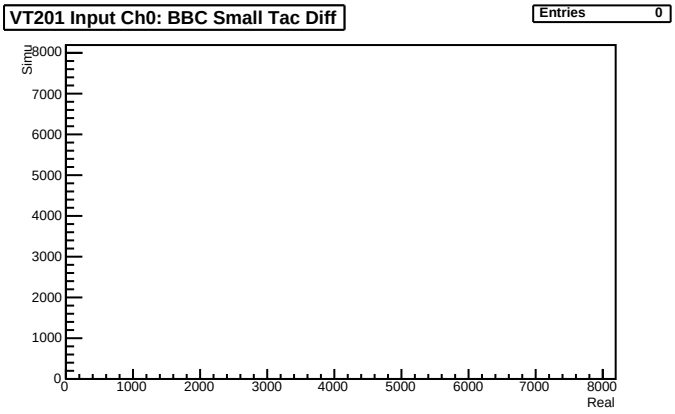

zdcWestTac
Entries 327868

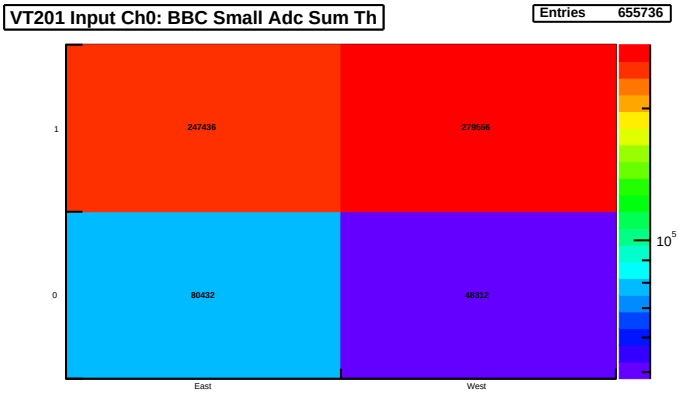

zdcWestTacVsSimu
Entries 2396
Data
Simu

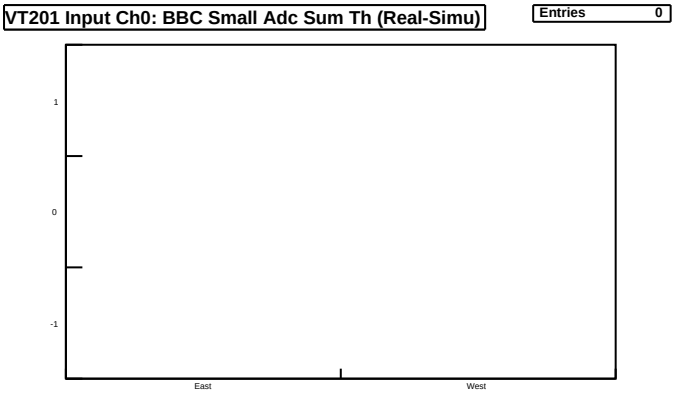

zdcAdcSum
Entries 3934416
33063
4393
18
16
11
8
78301
5853
53
44
31
28
294805
323475
327850
327852
327857
327860
249567
322015
327815
327824
327837
327840
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

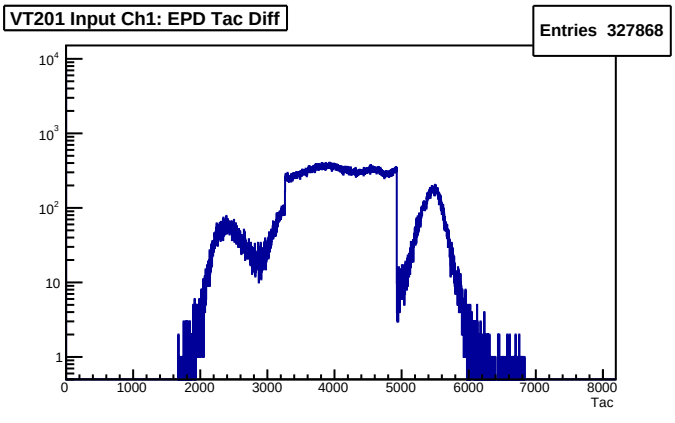

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

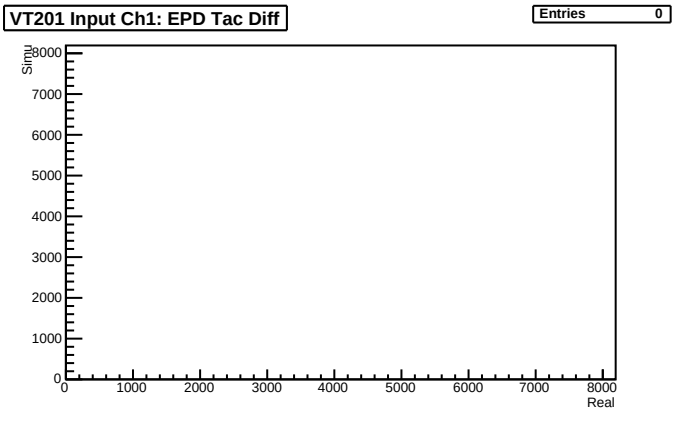

VT201 Input Ch0: BBC Small Tac Diff
Entries 327868
Tac

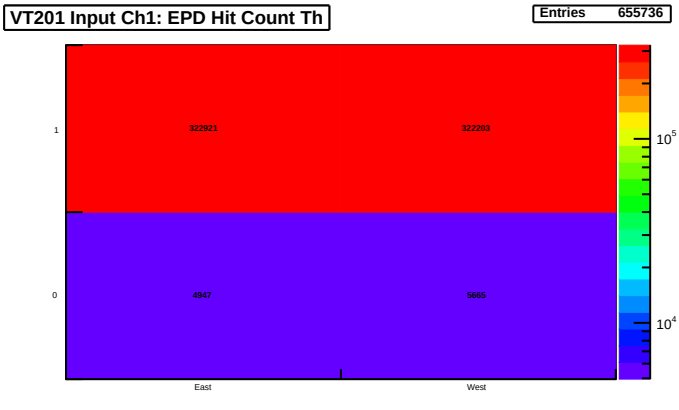

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

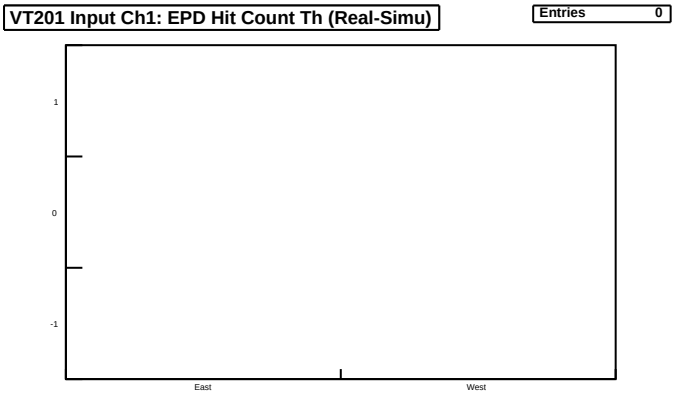

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 655736
247436
279556
80432
48312
East
West

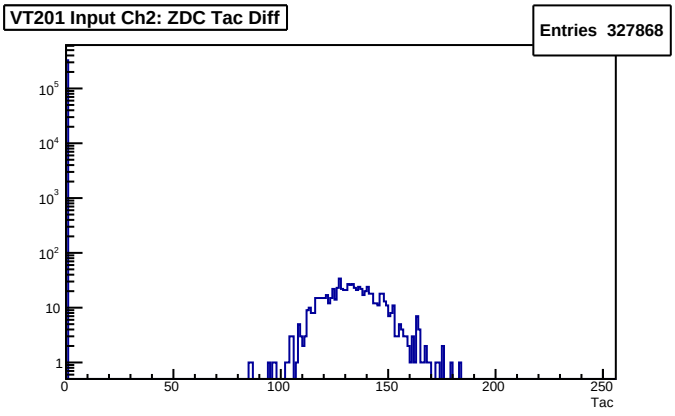

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

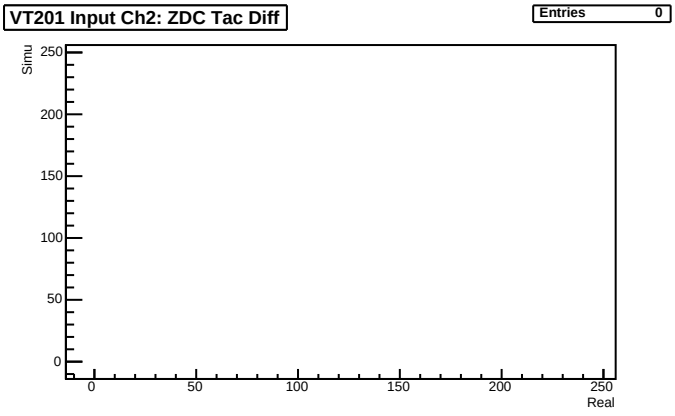

VT201 Input Ch1: EPD Tac Diff
Entries 327868
Tac

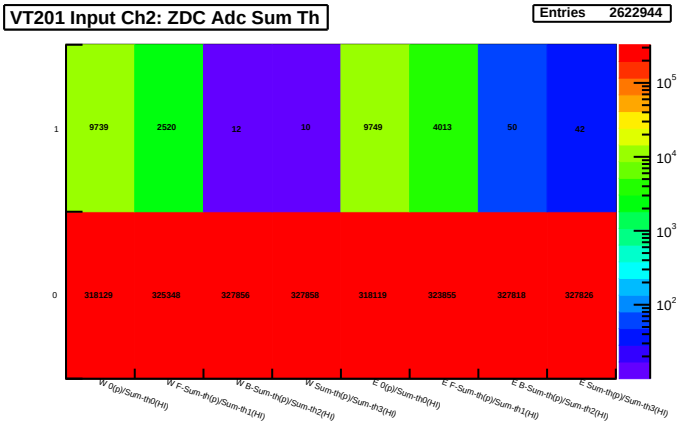

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

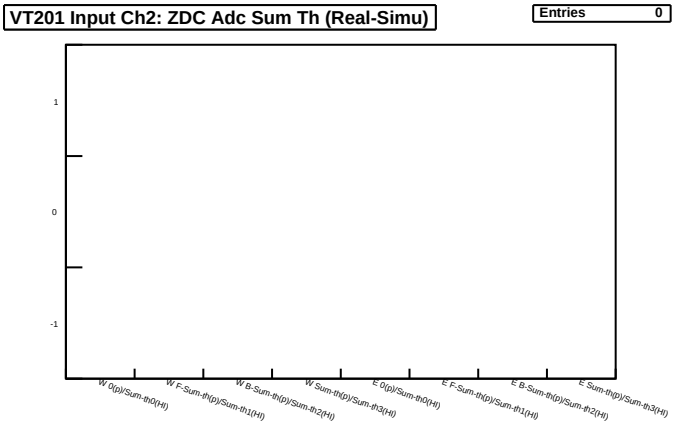

VT201 Input Ch1: EPD Hit Count Th
Entries 655736
322921
322203
4947
5665
East
West

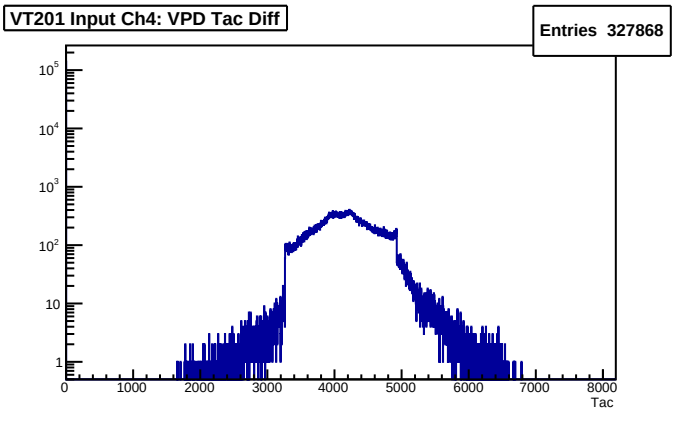

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

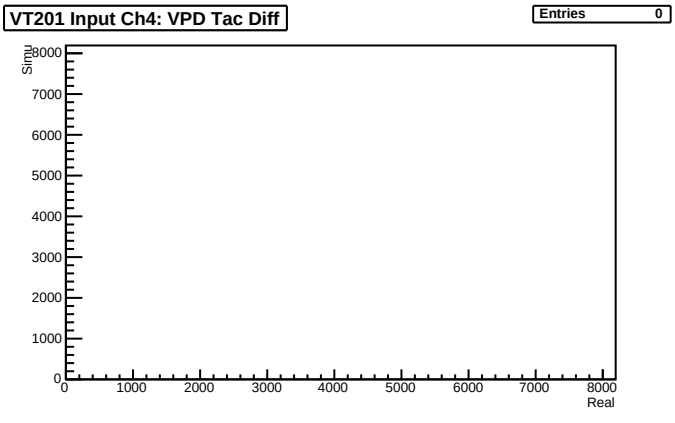

VT201 Input Ch2: ZDC Tac Diff
Entries 327868
Tac

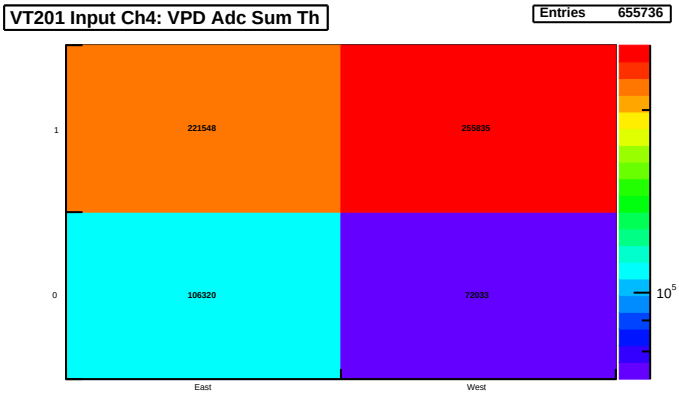

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

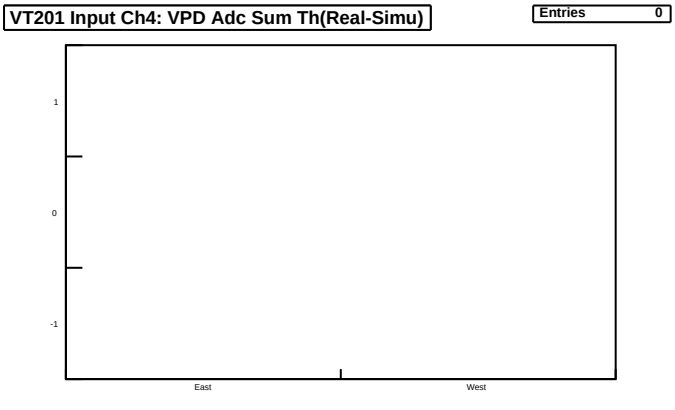

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2622944
9739
2520
12
10
9749
4013
50
42
318129
325348
327856
327858
318119
323855
327818
327826
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

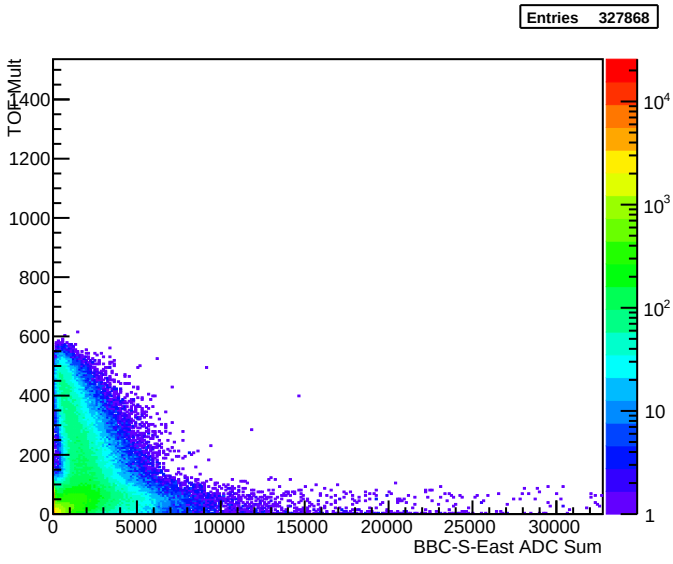

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

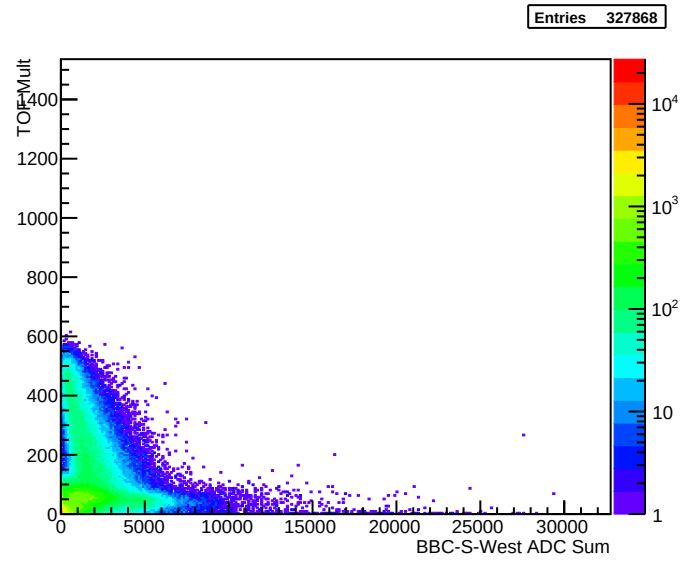

VT201 Input Ch4: VPD Tac Diff
Entries 327868
Tac

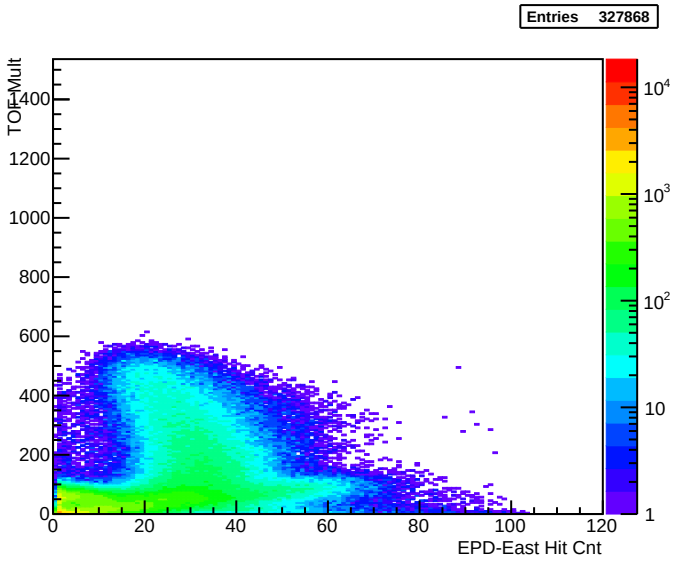

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

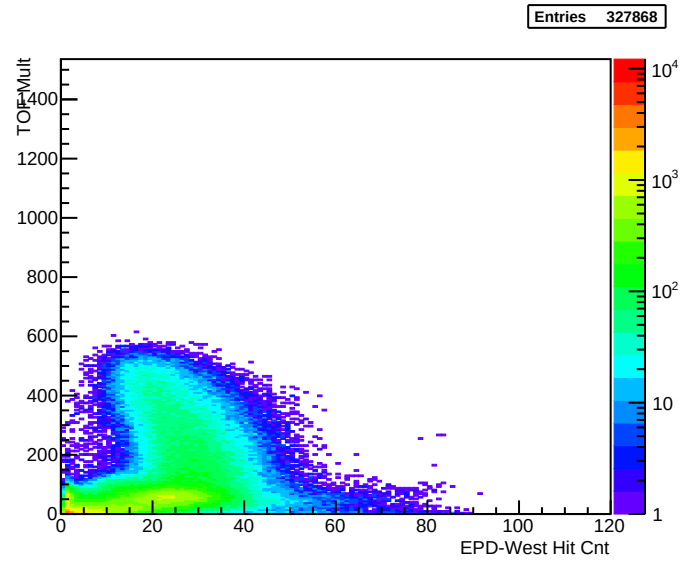

VT201 Input Ch4: VPD Adc Sum Th
Entries 655736
221548
255835
106320
72033
East
West

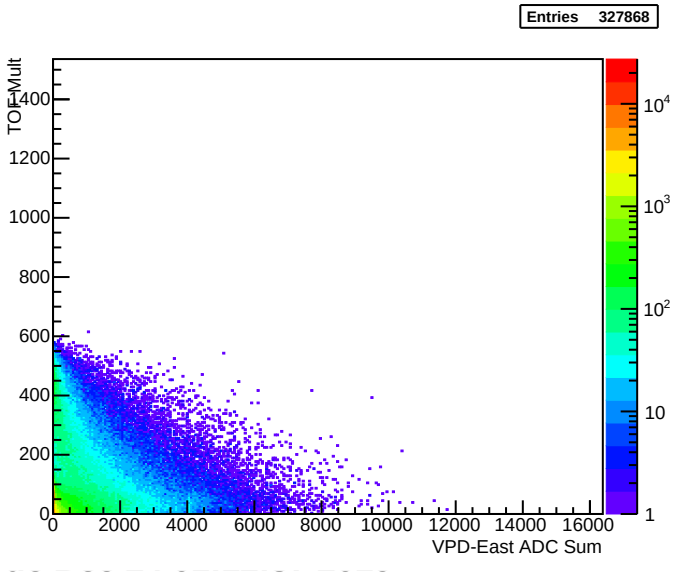

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

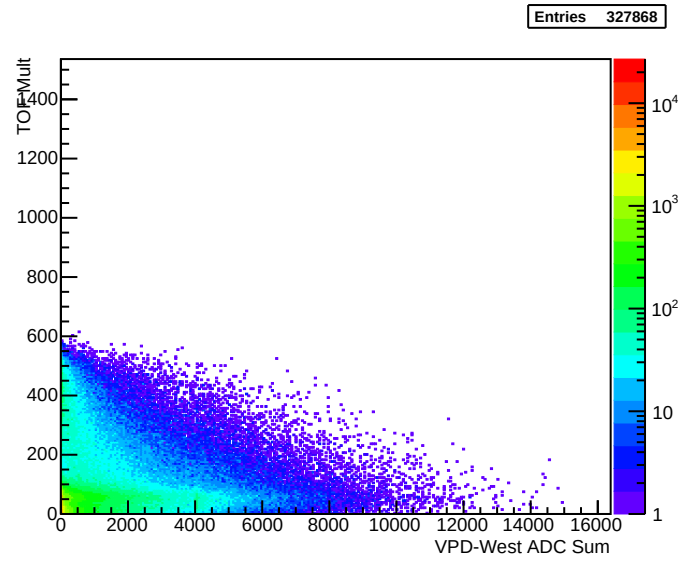

Entries 327868
TOF-Mult
BBC-S-East ADC Sum

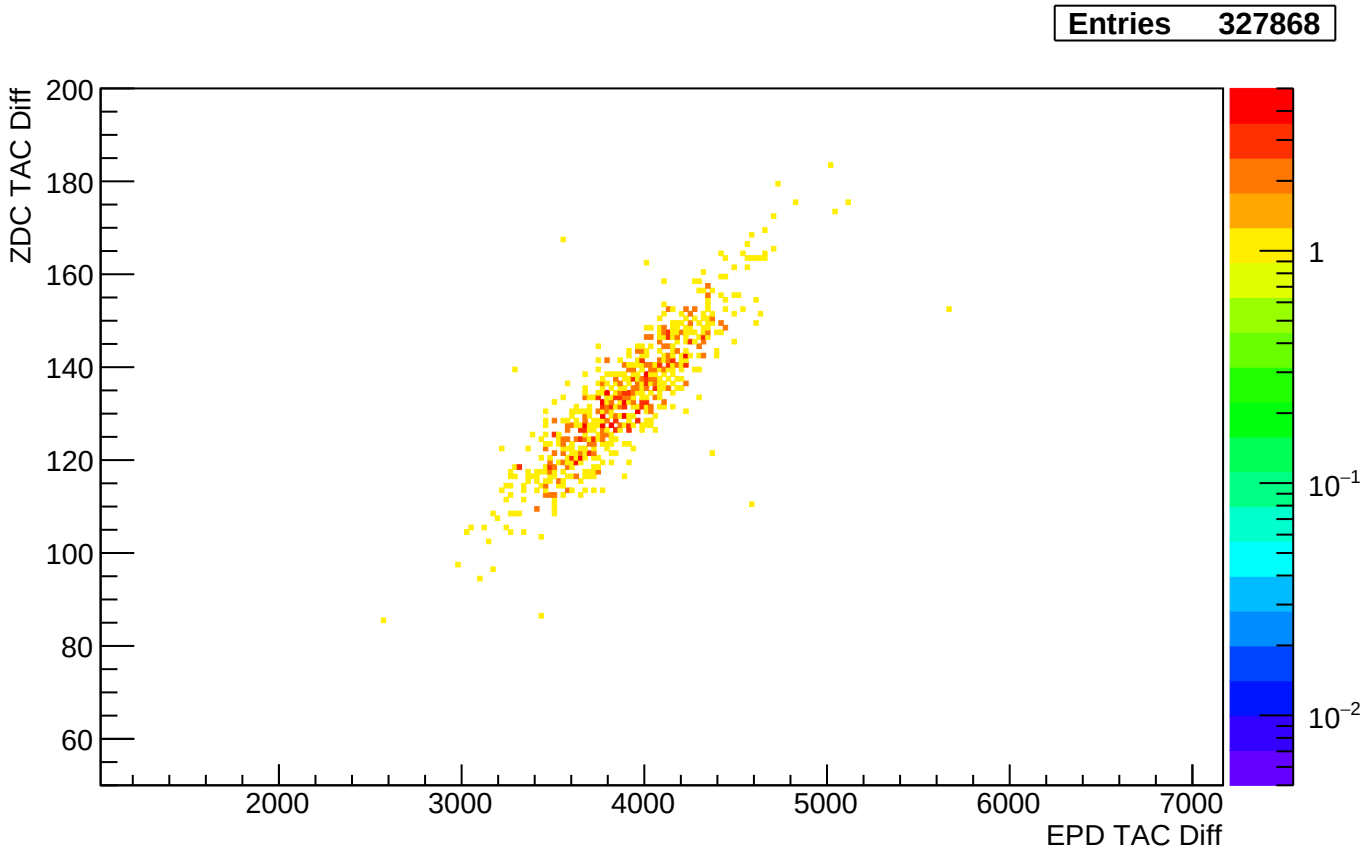

Entries 327868
TOF-Mult
BBC-S-West ADC Sum

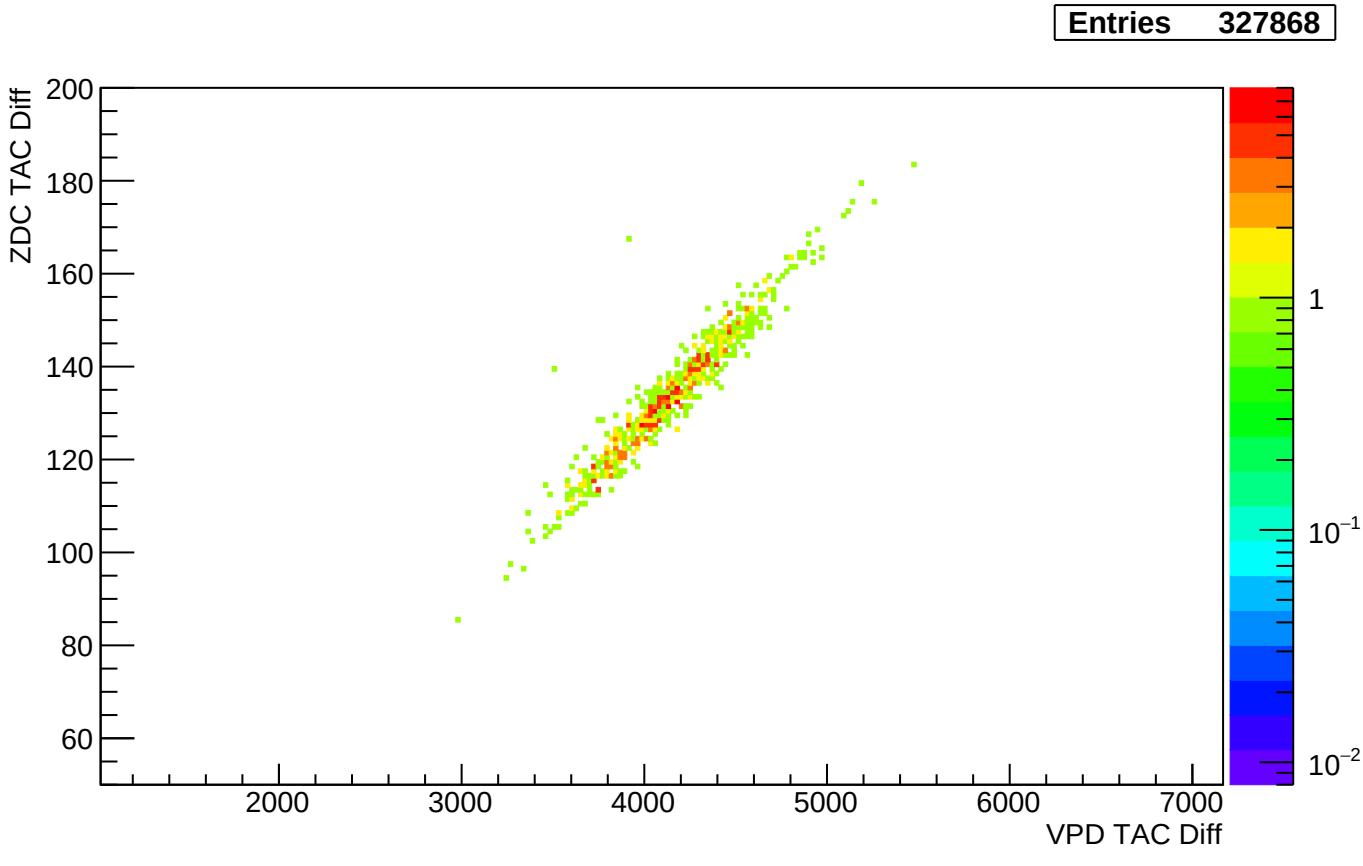

Entries 327868
TOF-Mult
EPD-East Hit Cnt

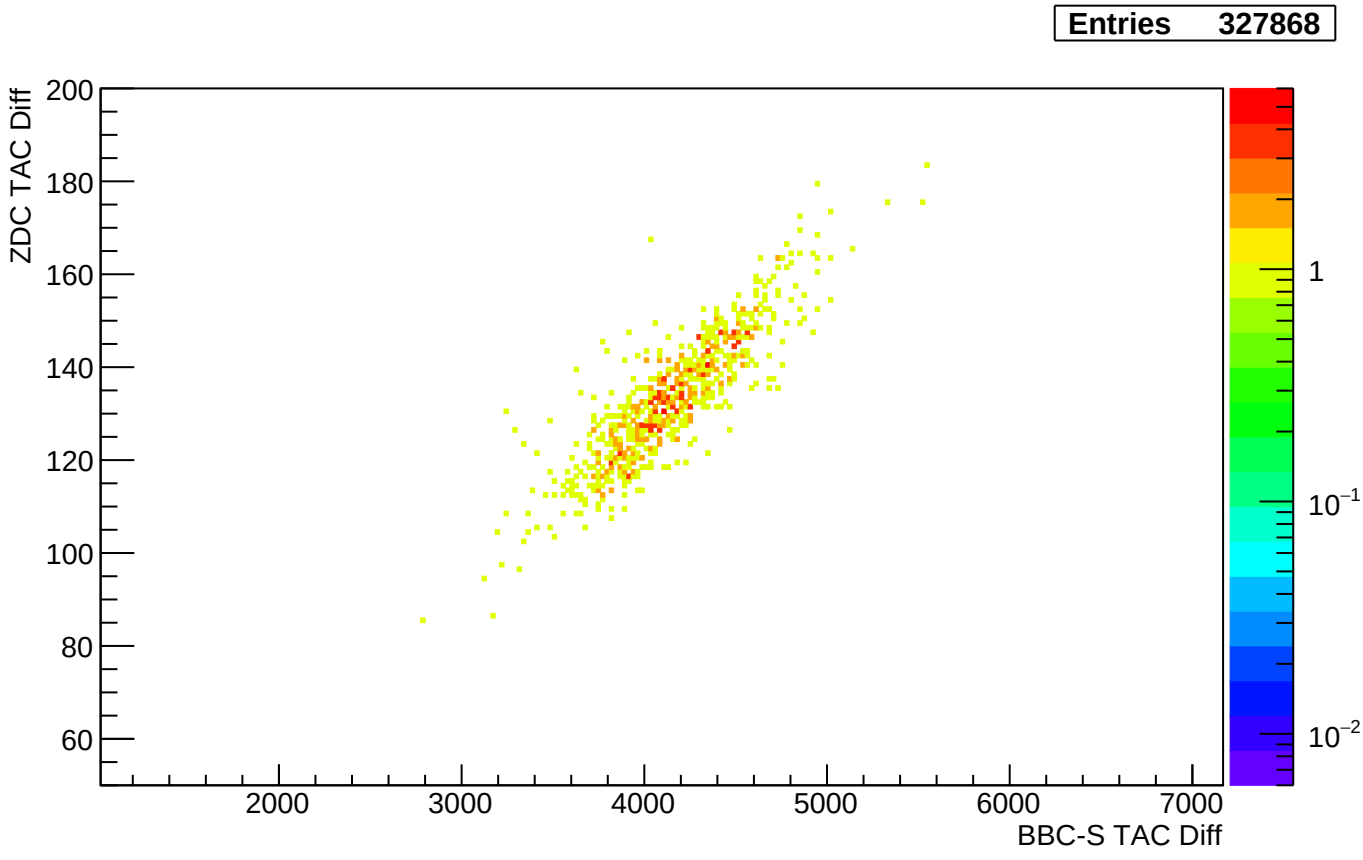

Entries 327868
TOF-Mult
EPD-West Hit Cnt

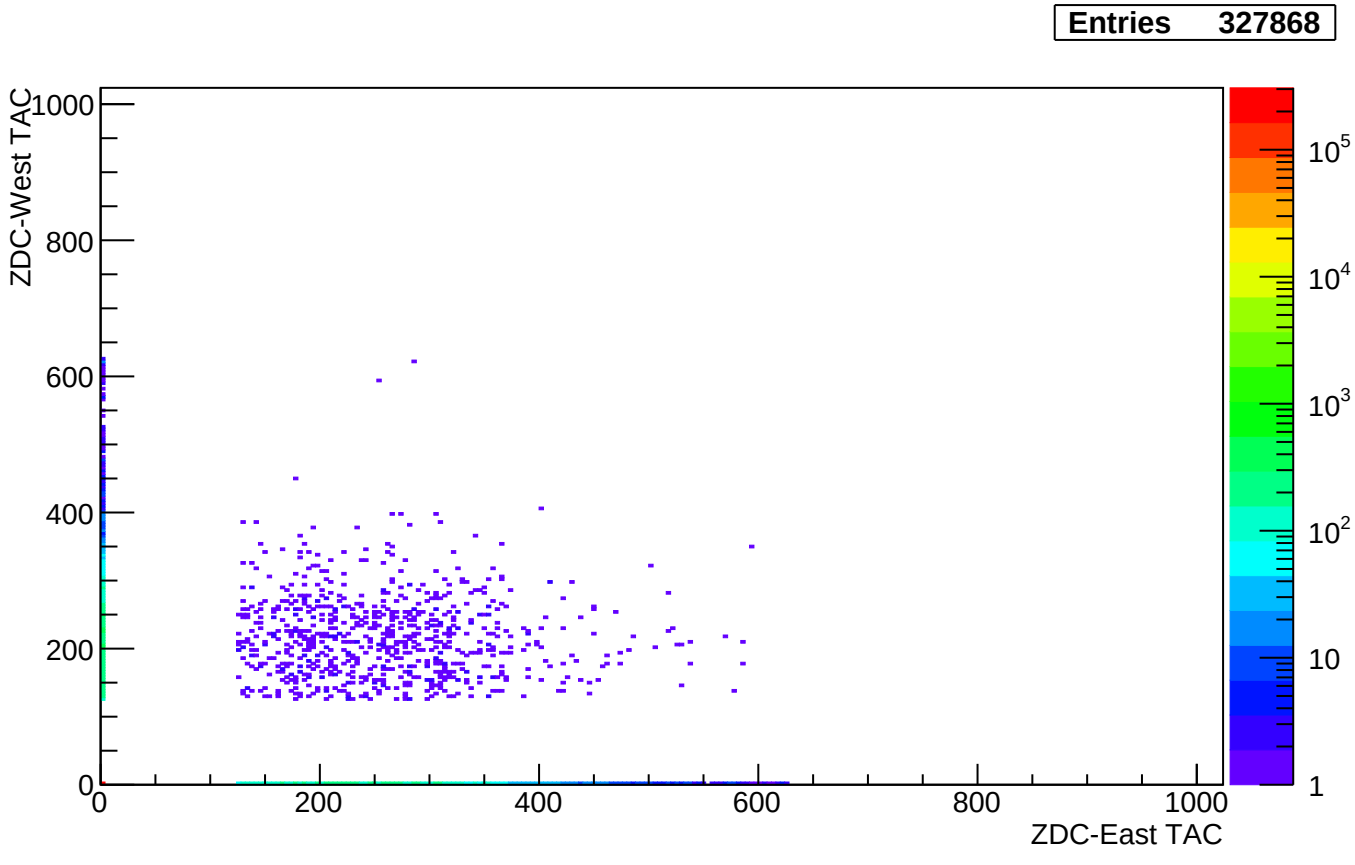

Entries 327868
TOF-Mult
VPD-East ADC Sum

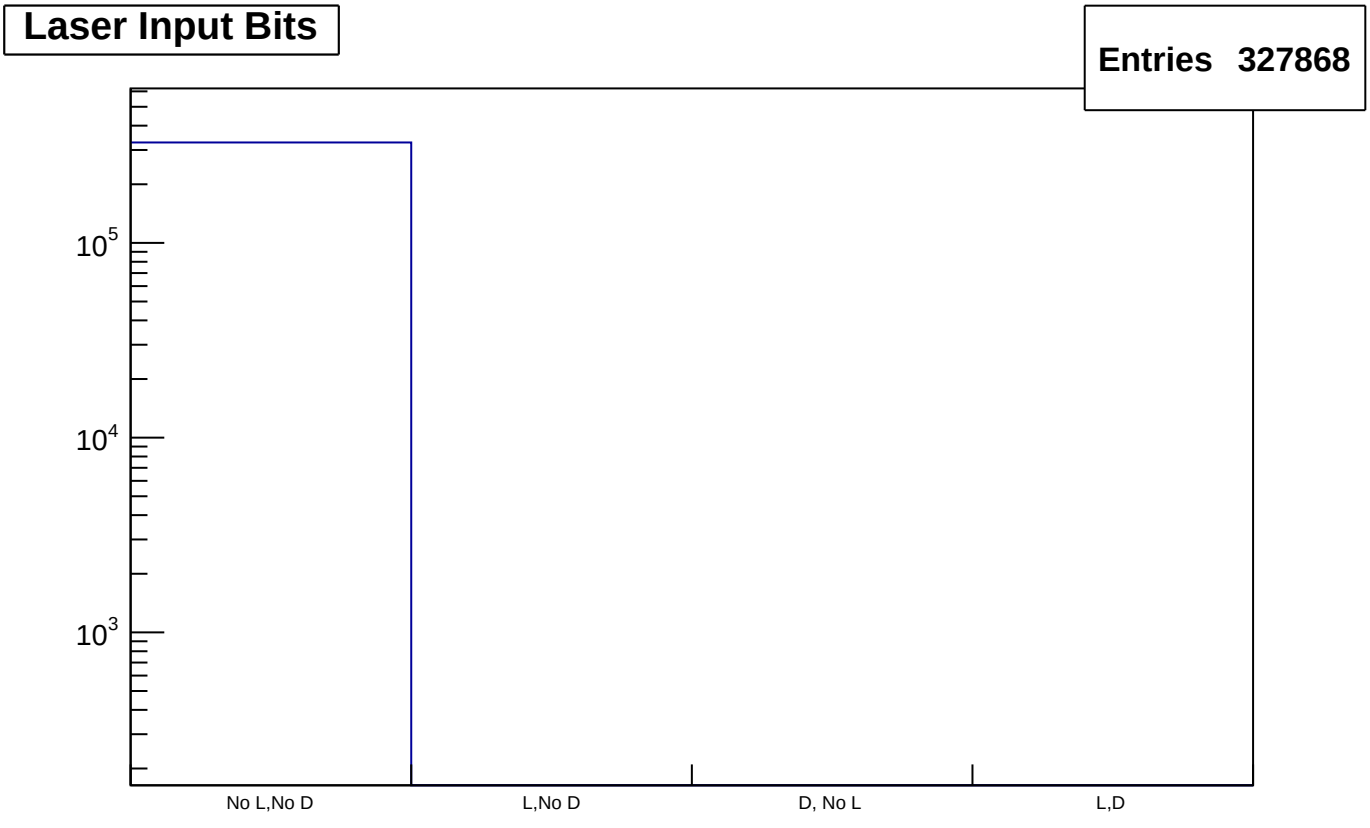

Entries 327868
TOF-Mult
VPD-West ADC Sum

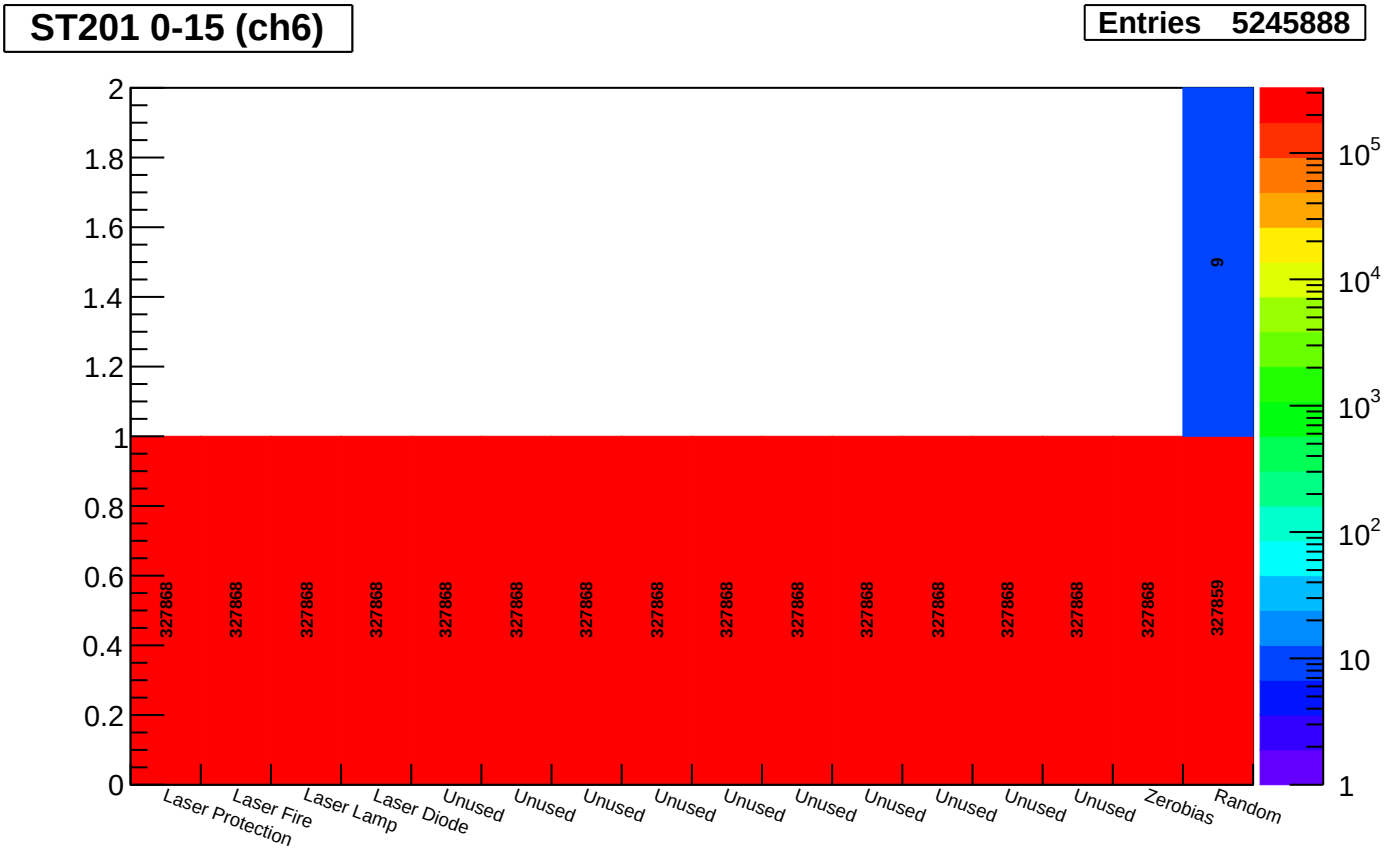

Entries 327868
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

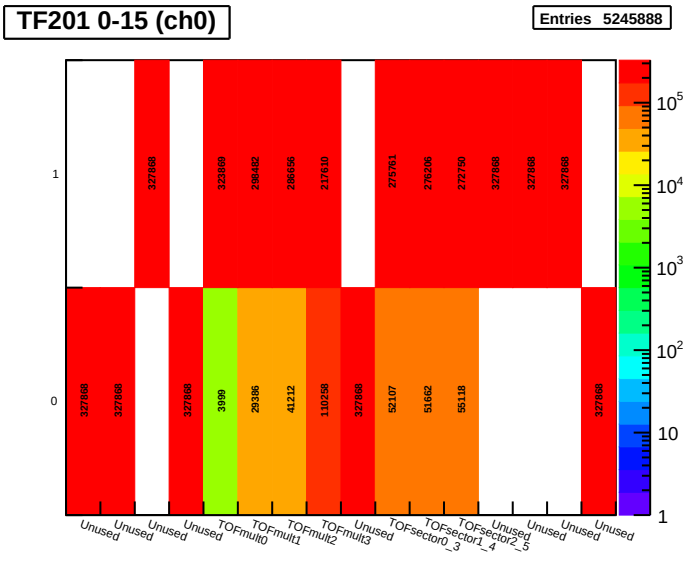

Entries 327868
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

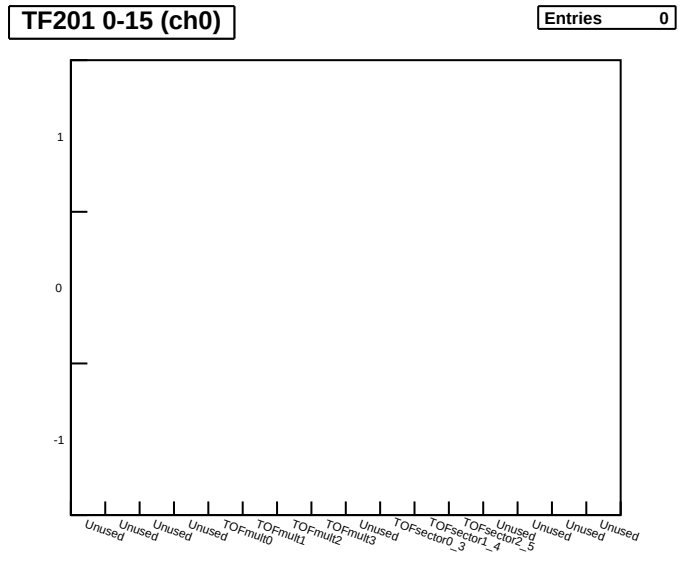

Entries 327868
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

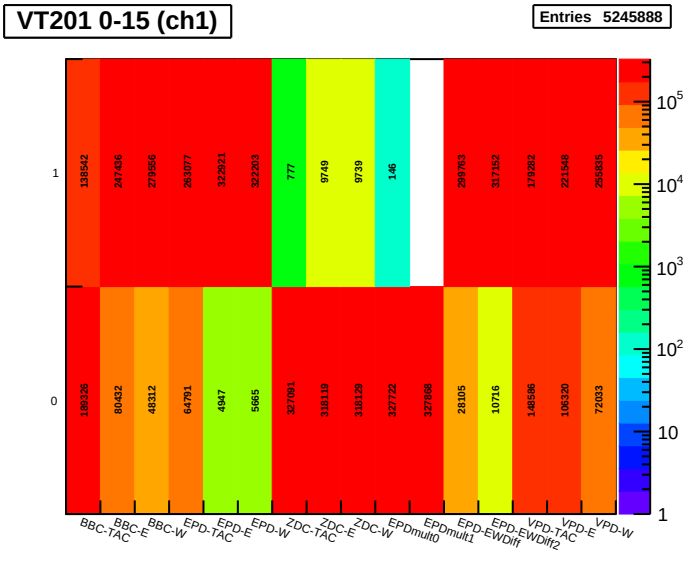

Entries 327868
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

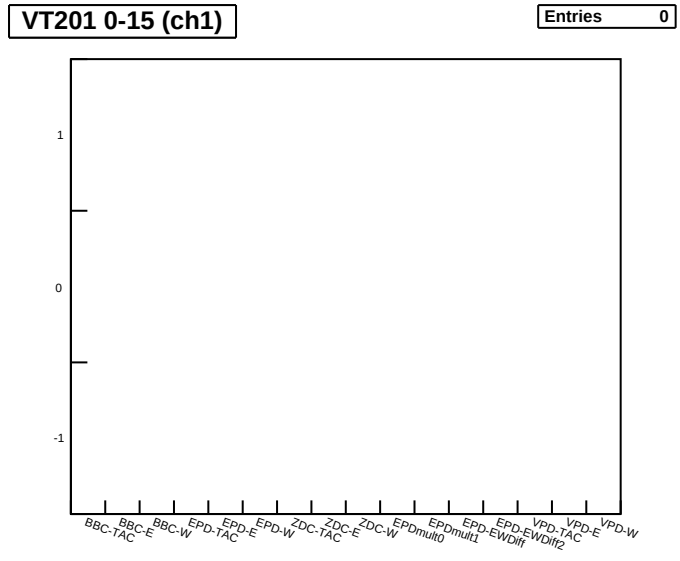

Laser Input Bits
Entries 327868
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

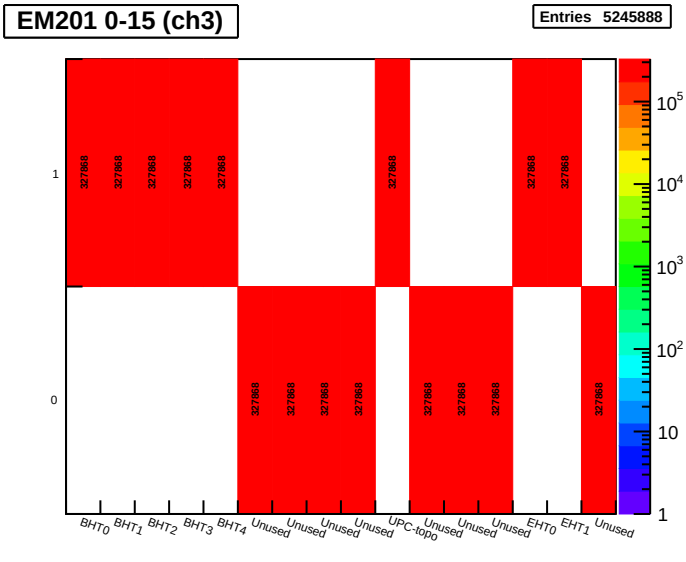

ST201 0-15 (ch6)
Entries 5245888
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
327868
327859
6
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

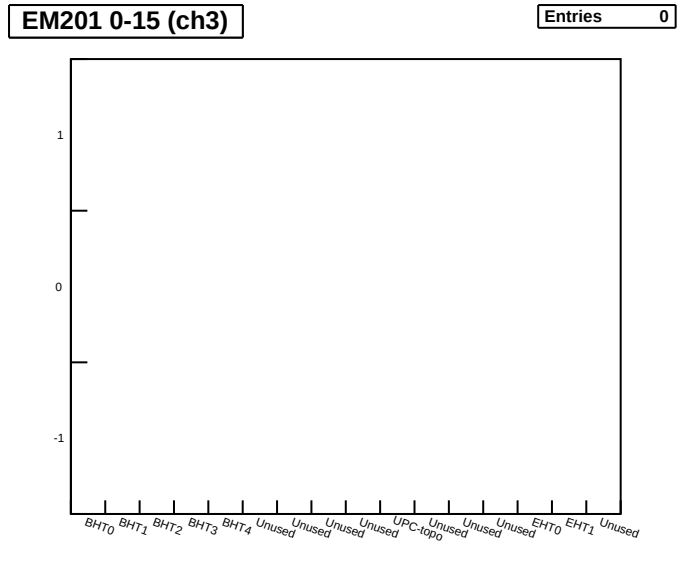

TF201 0-15 (ch0)
Entries 5245888
1
0
327868
323369
298482
286656
217610
275761
276206
272750
327868
327868
327868
327868
327868
327868
3999
29386
41212
110258
327868
52107
51662
55118
327868
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5245888
1
0
138542
247436
279556
263077
323921
322203
777
9749
9739
146
299763
317152
179282
221548
255835
108326
80432
48312
64791
4947
5665
327091
318119
318129
327722
327868
28105
10716
146586
106320
72033
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 5245888
1
0
327868
327868
327868
327868
327868
327868
327868
327868
327868
327868
327868
327868
327868
327868
327868
327868
327868
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