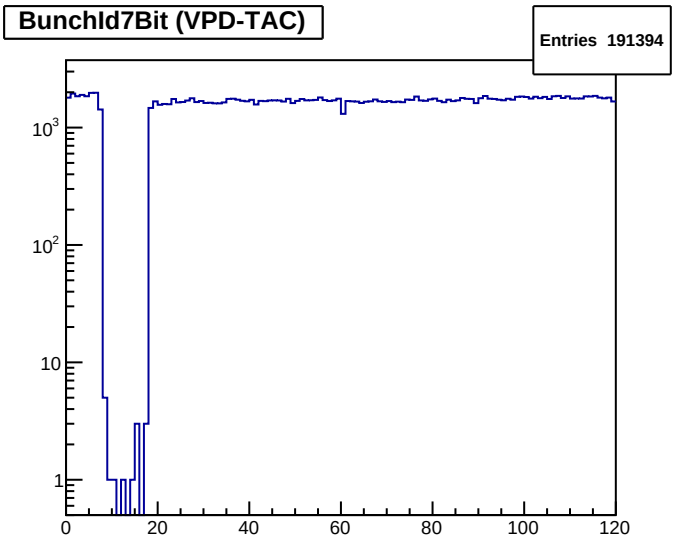
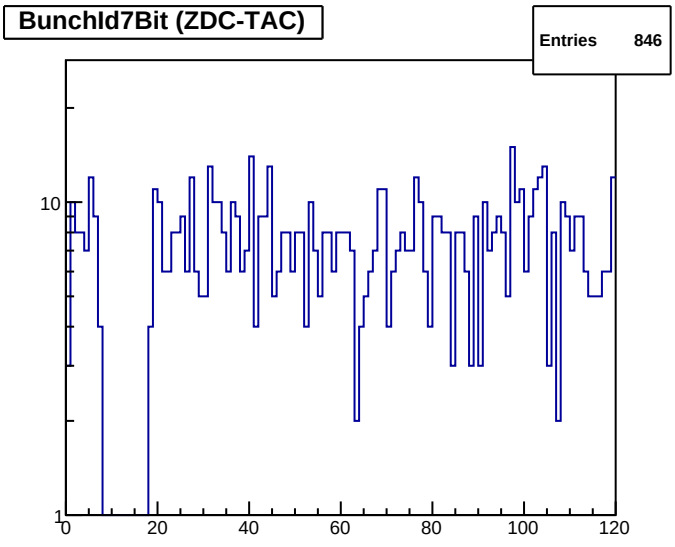
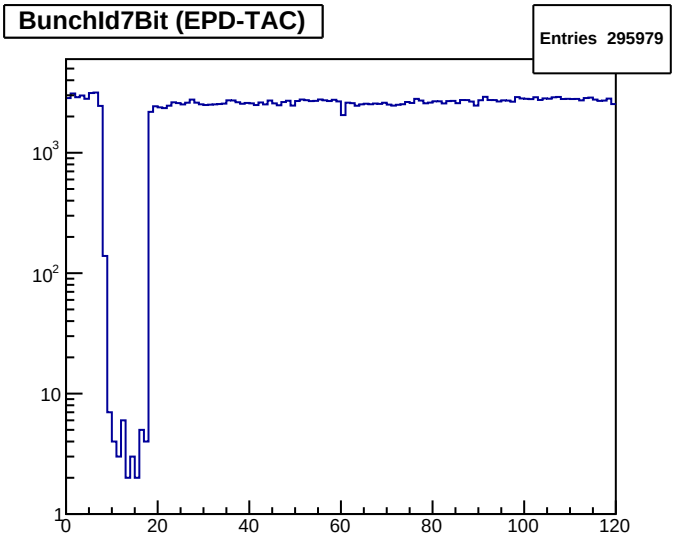
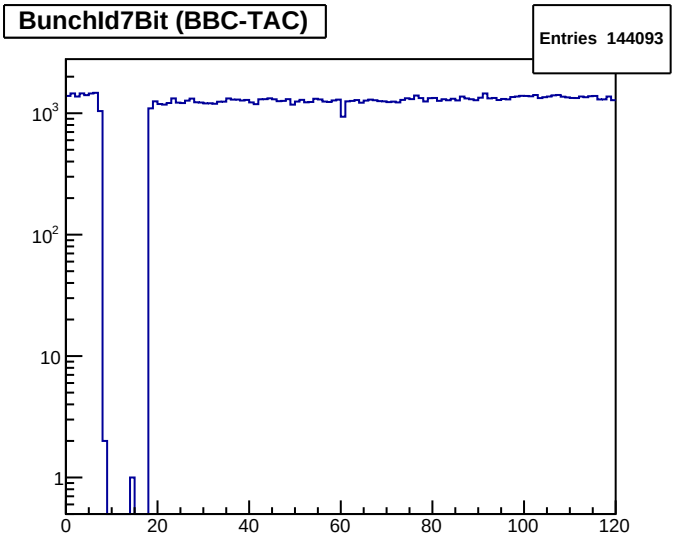
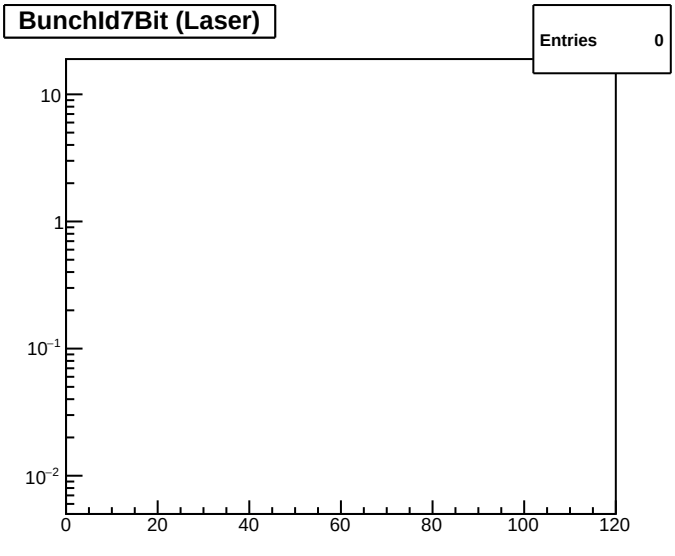
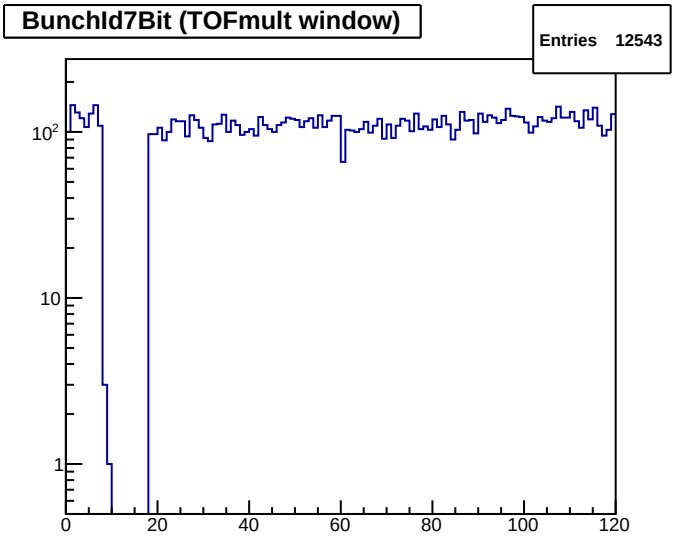

BunchId7Bit (VPD-TAC)
Entries 191394

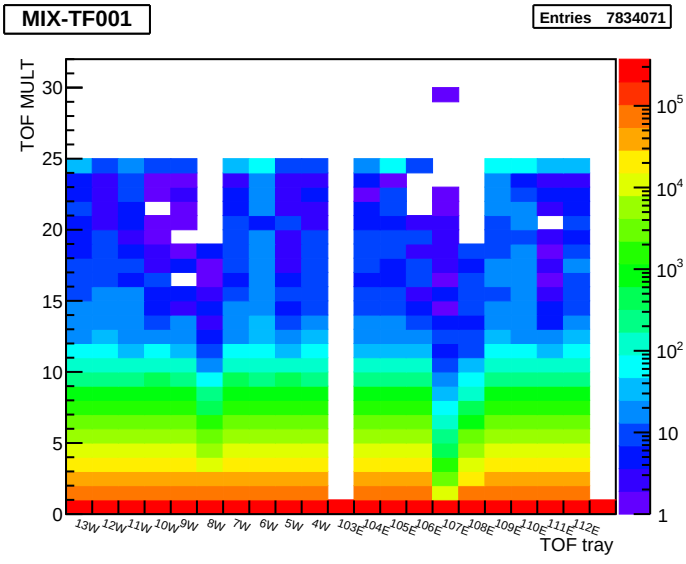

BunchId7Bit (ZDC-TAC)
Entries 846

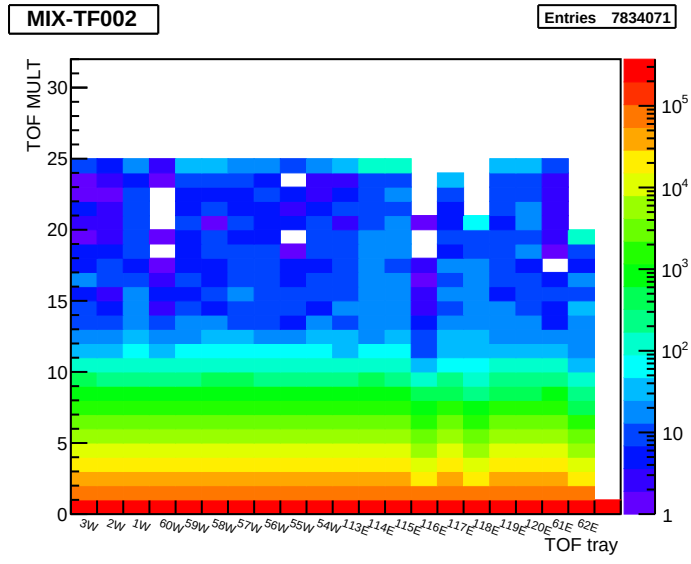

BunchId7Bit (EPD-TAC)
Entries 295979

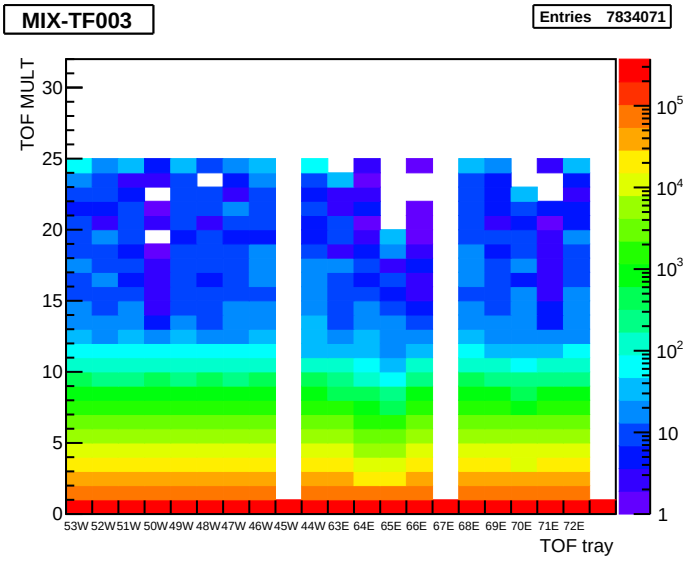

BunchId7Bit (BBC-TAC)
Entries 144093

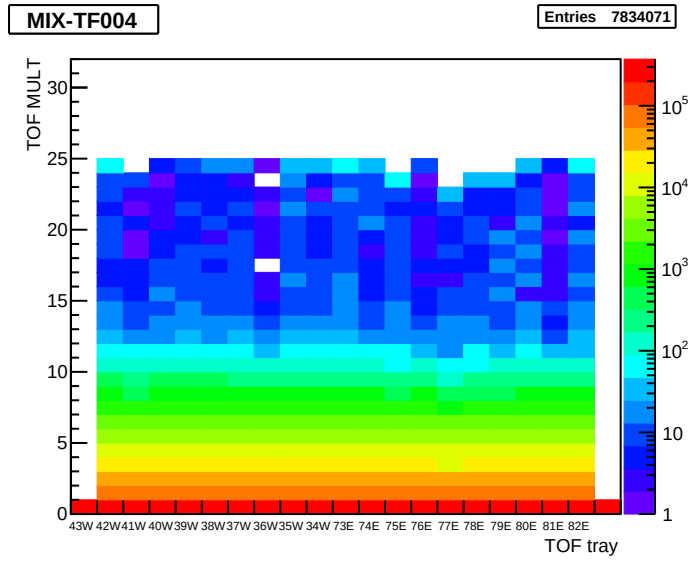

BunchId7Bit (Laser)
Entries 0

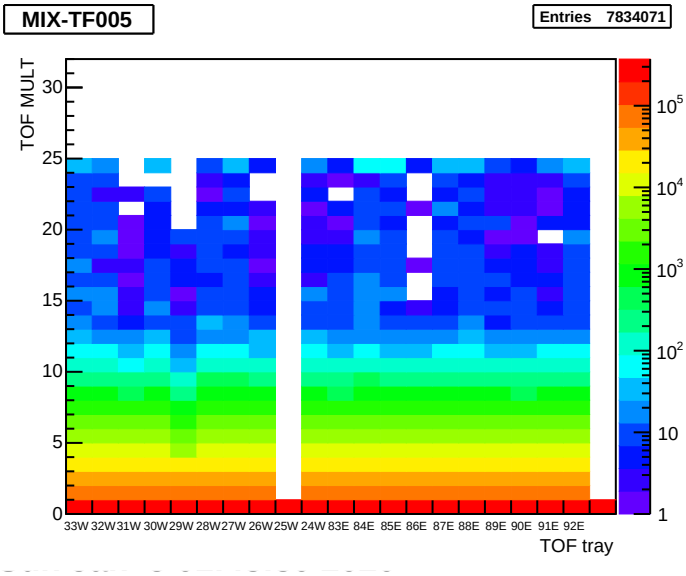

BunchId7Bit (TOFmult window)
Entries 12543

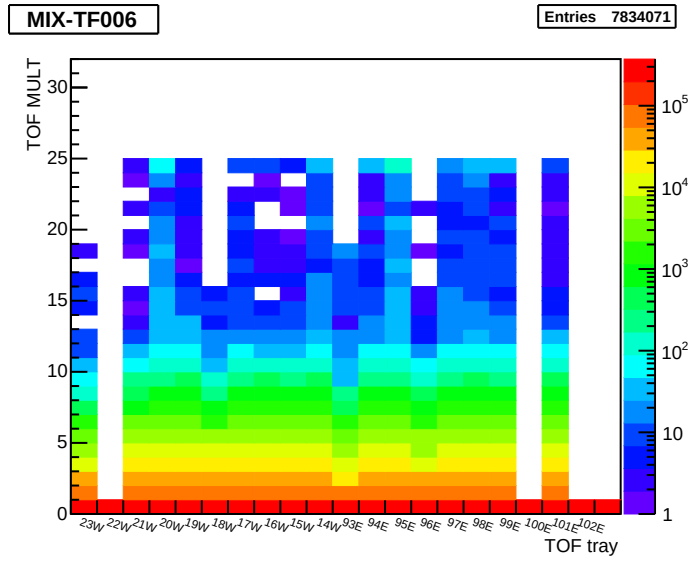

MIX-TF001
Entries 7834071
TOF MULT
TOF tray

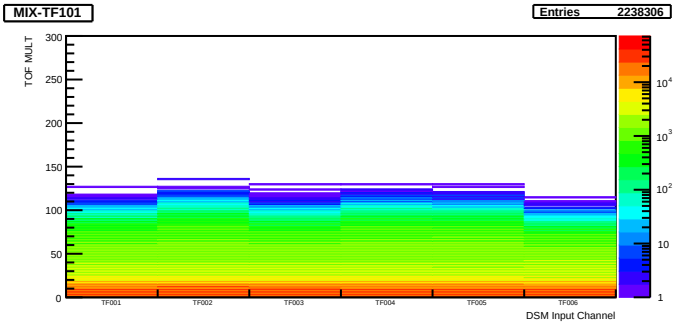

MIX-TF002
Entries 7834071
TOF MULT
TOF tray

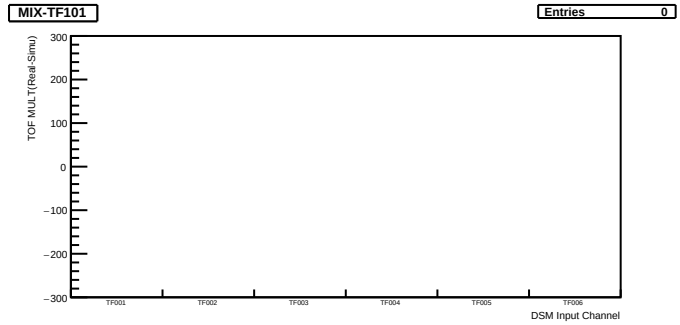

MIX-TF003
Entries 7834071
TOF MULT
TOF tray

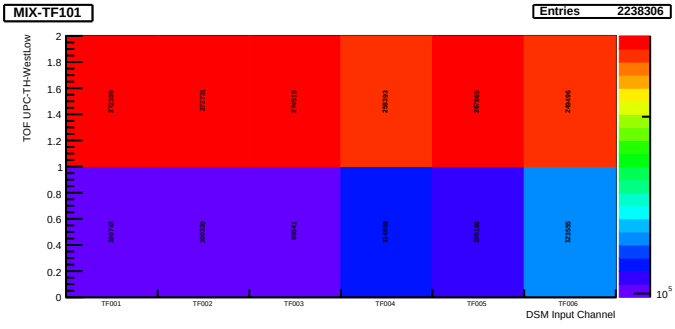

MIX-TF004
Entries 7834071
TOF MULT
TOF tray

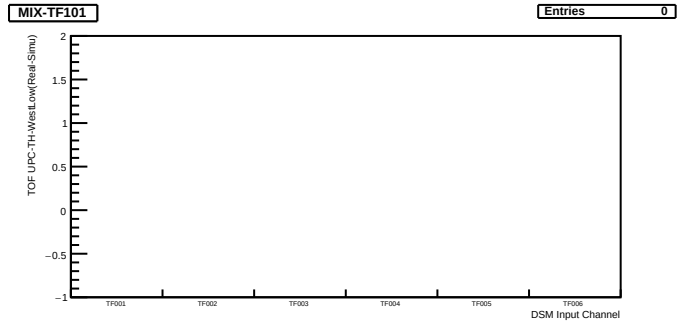

MIX-TF005
Entries 7834071
TOF MULT
TOF tray

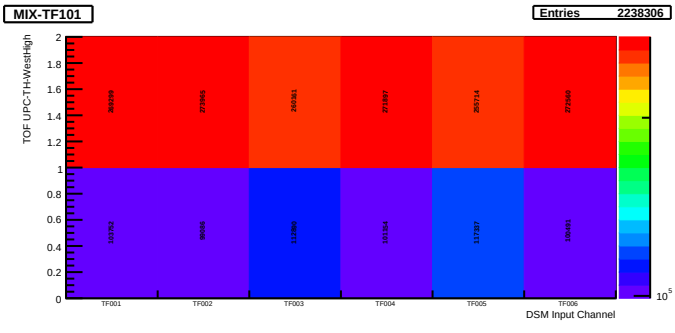

MIX-TF006
Entries 7834071
TOF MULT
TOF tray

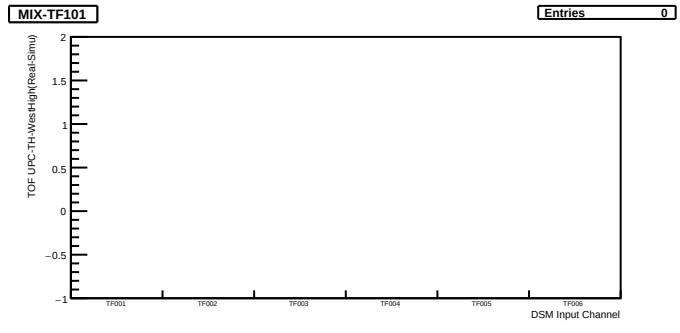

MIX-TF101
Entries 2238306
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

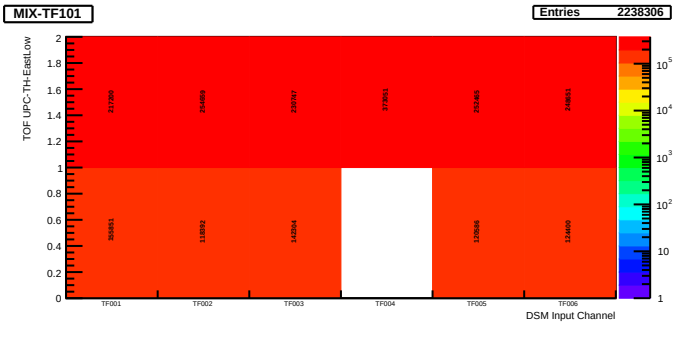

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

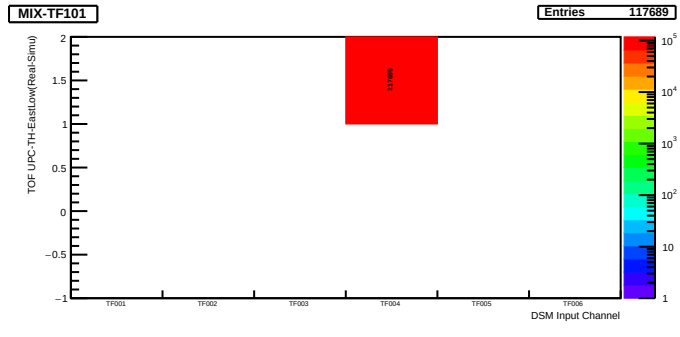

MIX-TF101
Entries 2238306
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

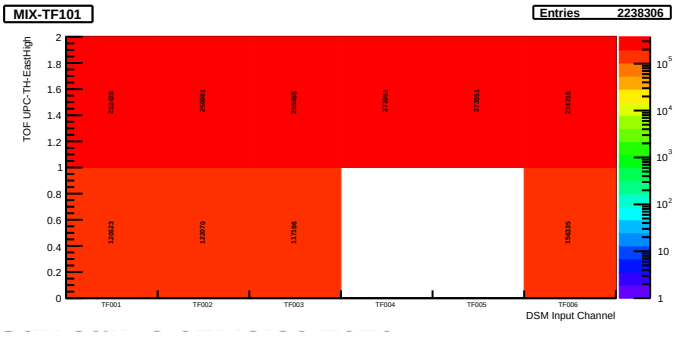

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

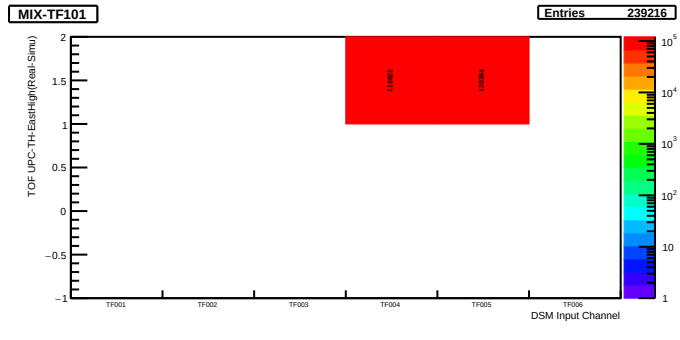

MIX-TF101
Entries 2238306
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

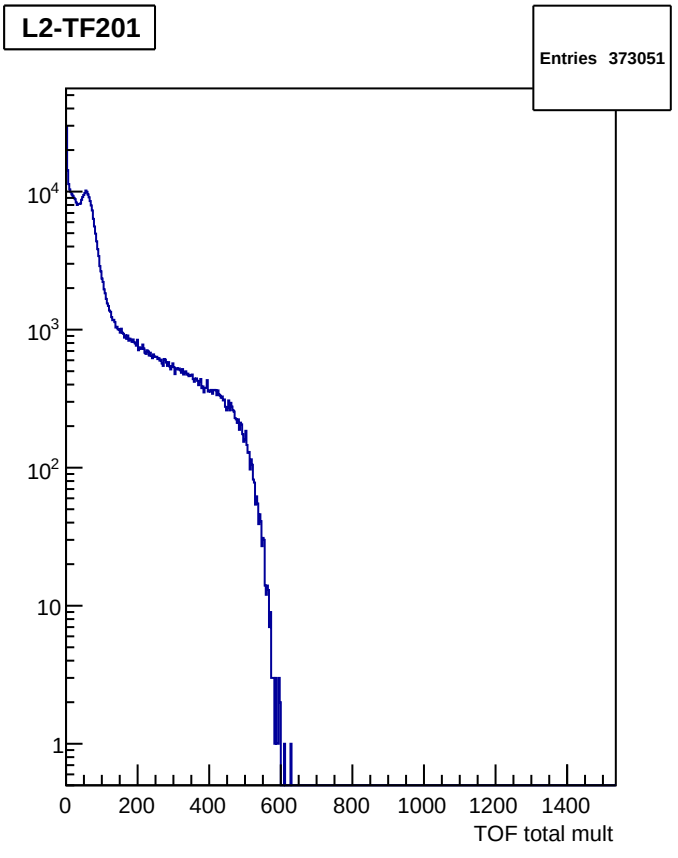

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

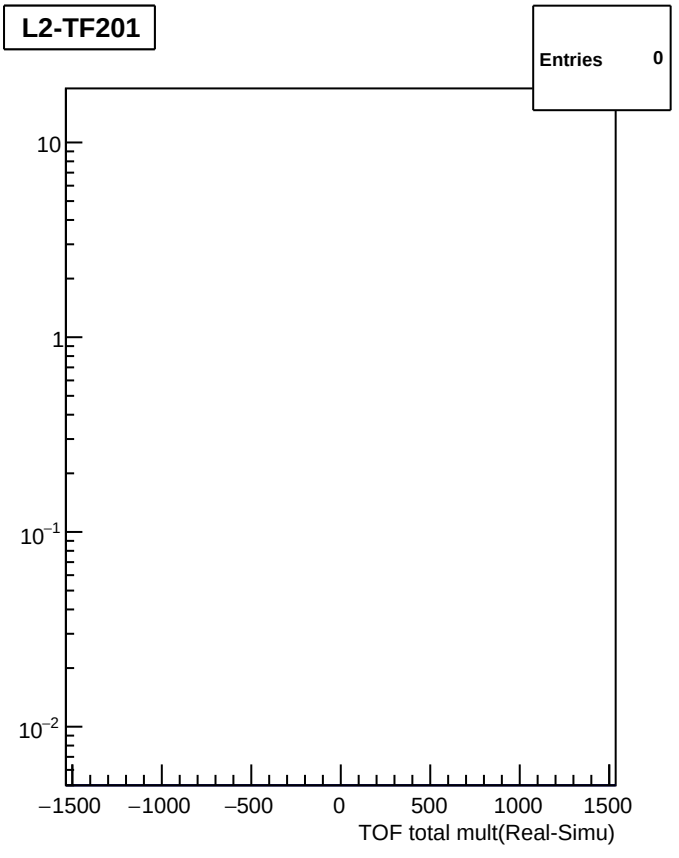

MIX-TF101
Entries 2238306
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

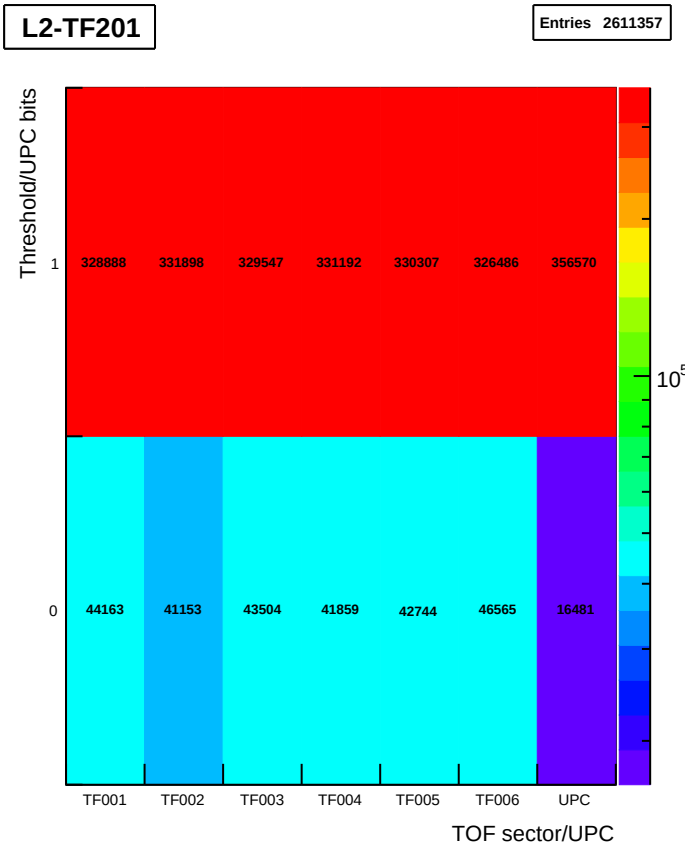

MIX-TF101
Entries 117689
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

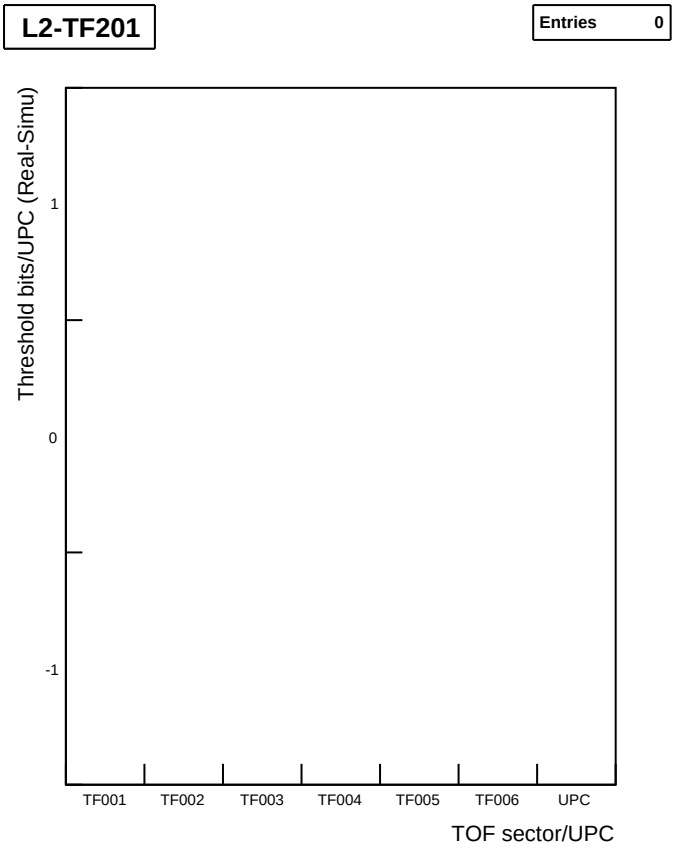

MIX-TF101
Entries 2238306
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

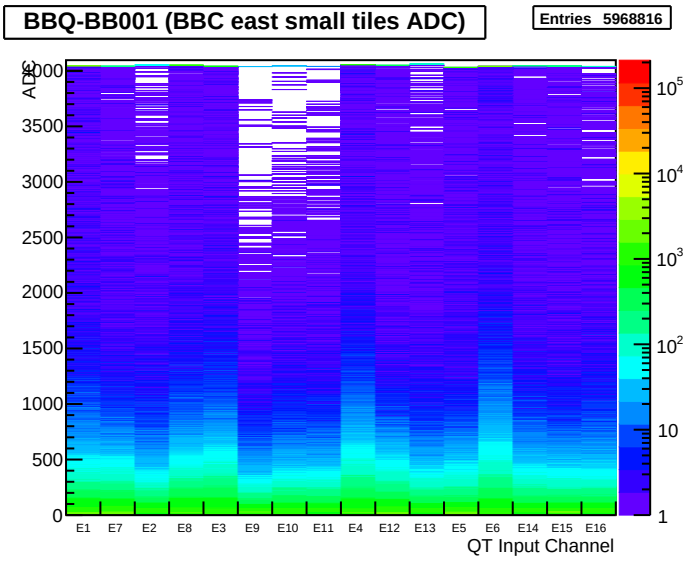

MIX-TF101
Entries 239216
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

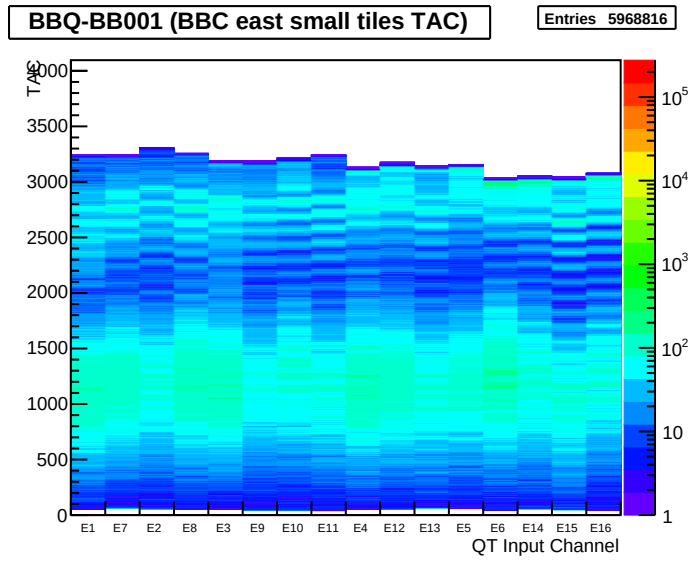

L2-TF201
Entries 373051
TOF total mult

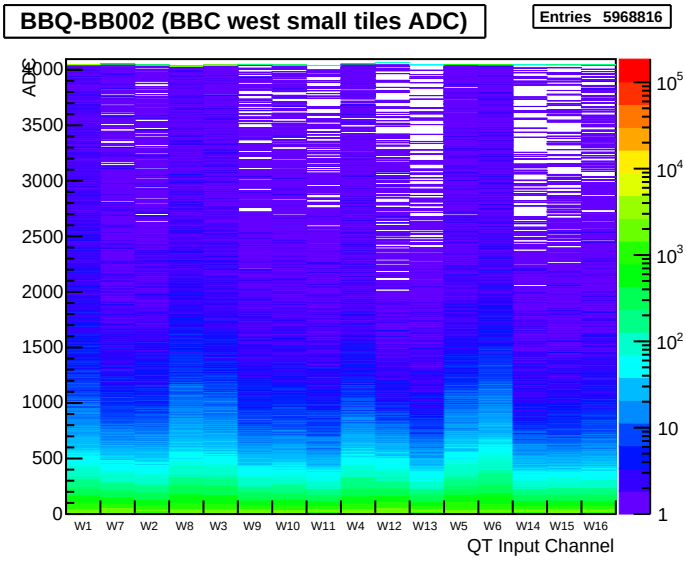

L2-TF201
Entries 0
TOF total mult(Real-Simu)

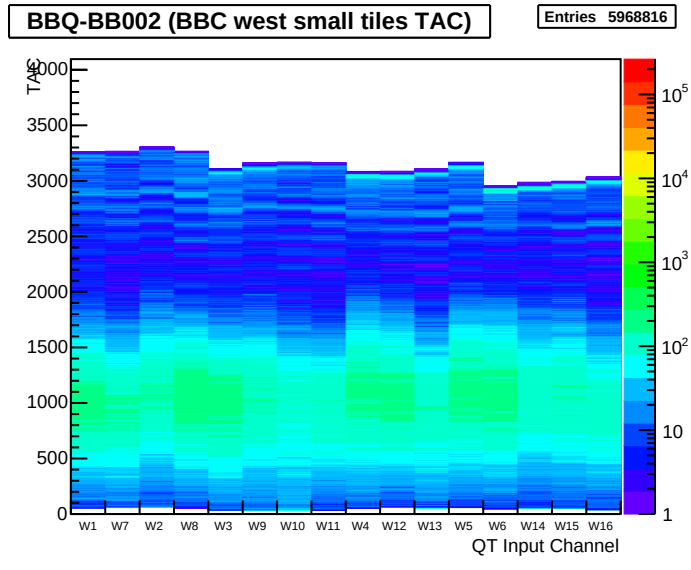

L2-TF201
Entries 2611357
Threshold/UPC bits
328888
331898
329547
331192
330307
326486
356570
44163
41153
43504
41859
42744
46565
16481
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

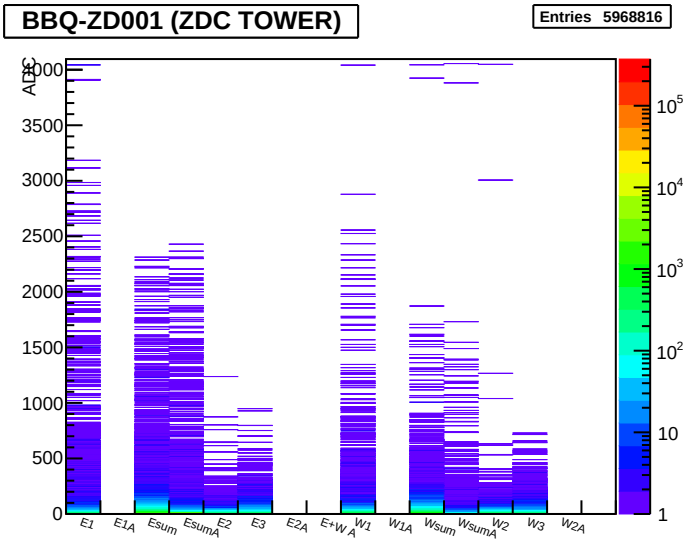

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

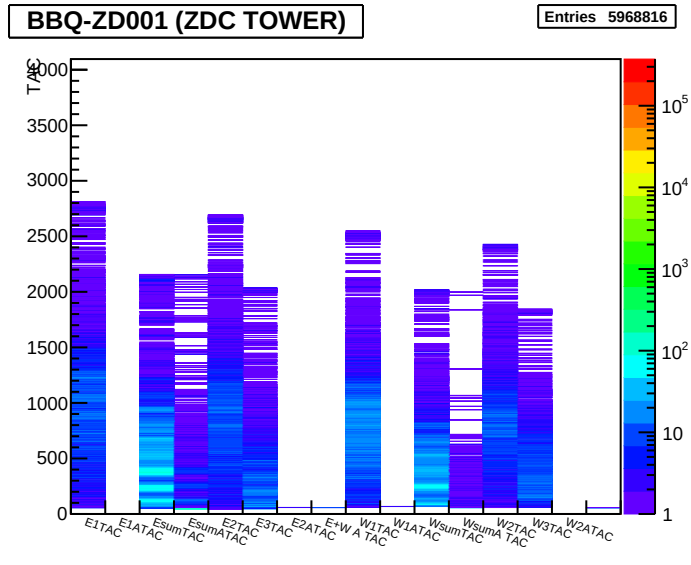

BBQ-BB001 (BBC east small tiles ADC)
Entries 5968816
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

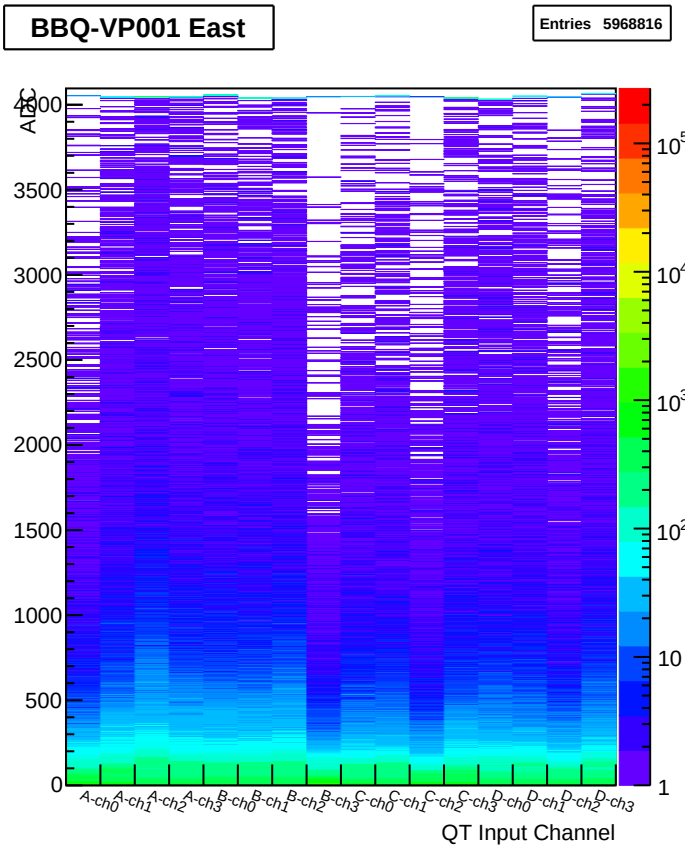

BBQ-BB001 (BBC east small tiles TAC)
Entries 5968816
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

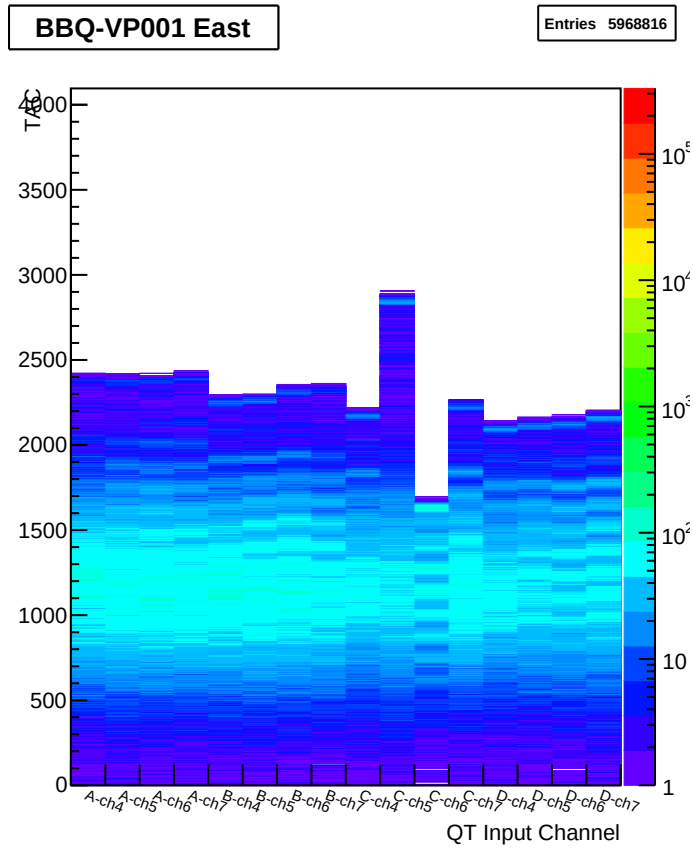

BBQ-BB002 (BBC west small tiles ADC)
Entries 5968816
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

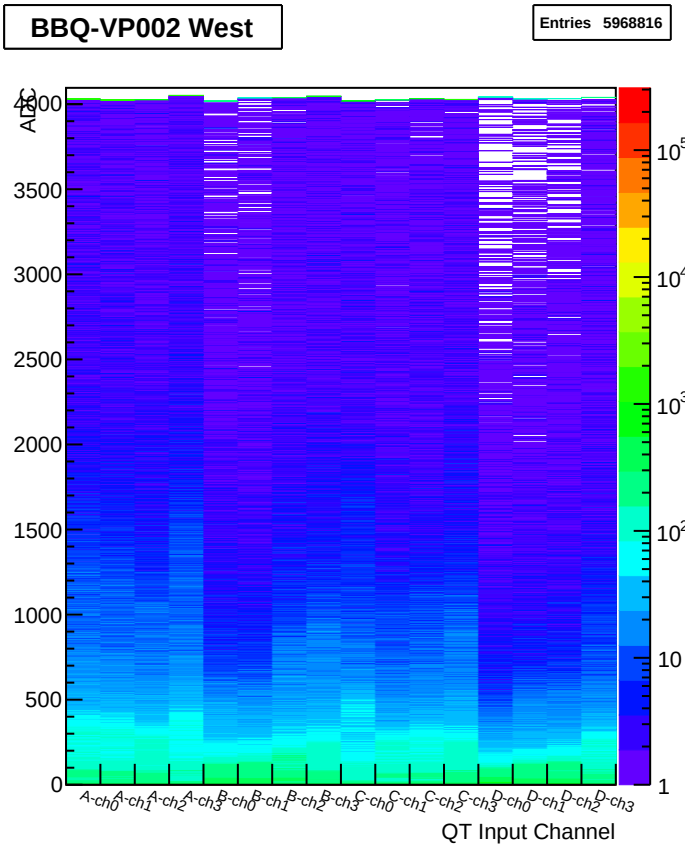

BBQ-BB002 (BBC west small tiles TAC)
Entries 5968816
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

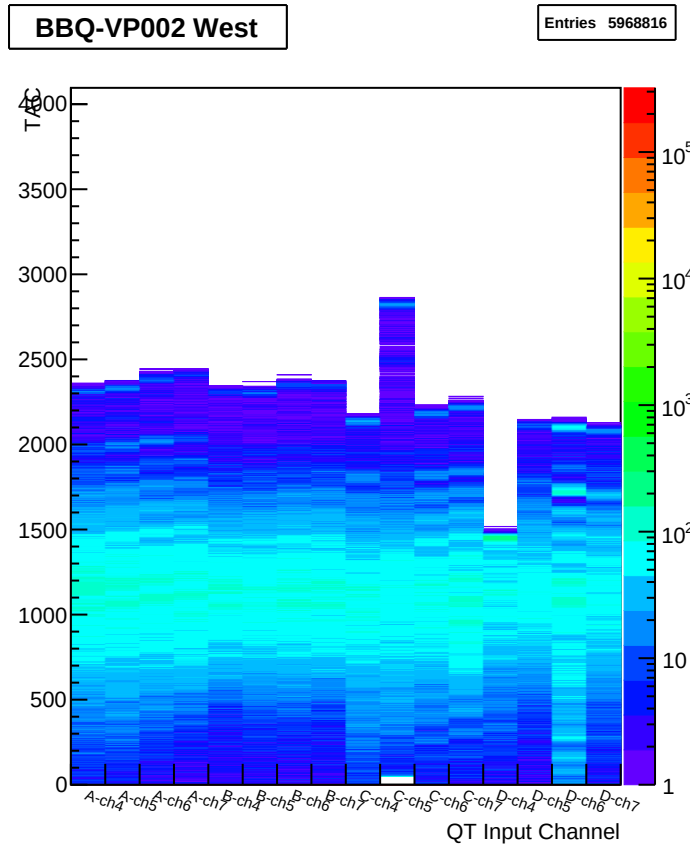

BBQ-ZD001 (ZDC TOWER)
Entries 5968816
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

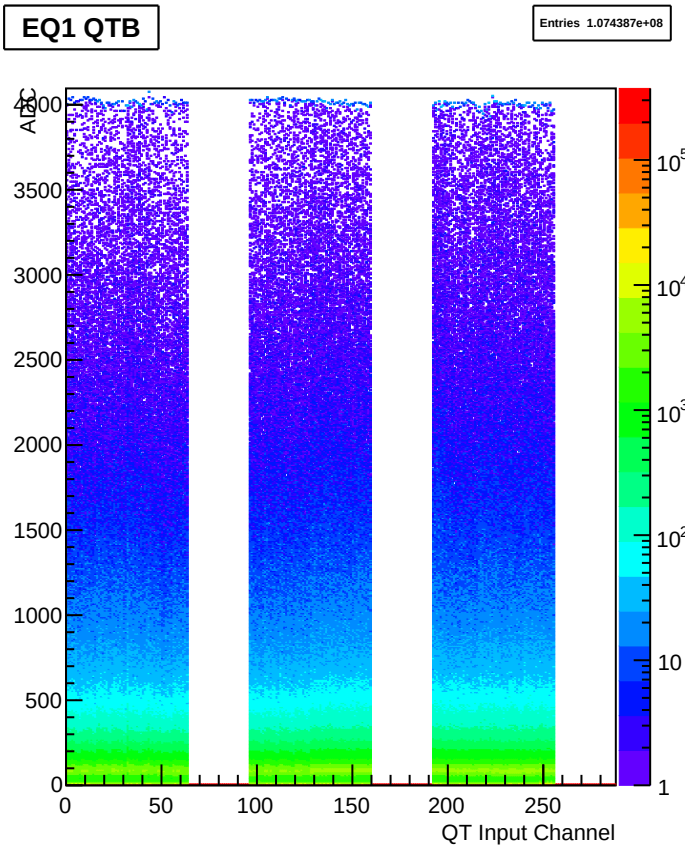

BBQ-ZD001 (ZDC TOWER)
Entries 5968816
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

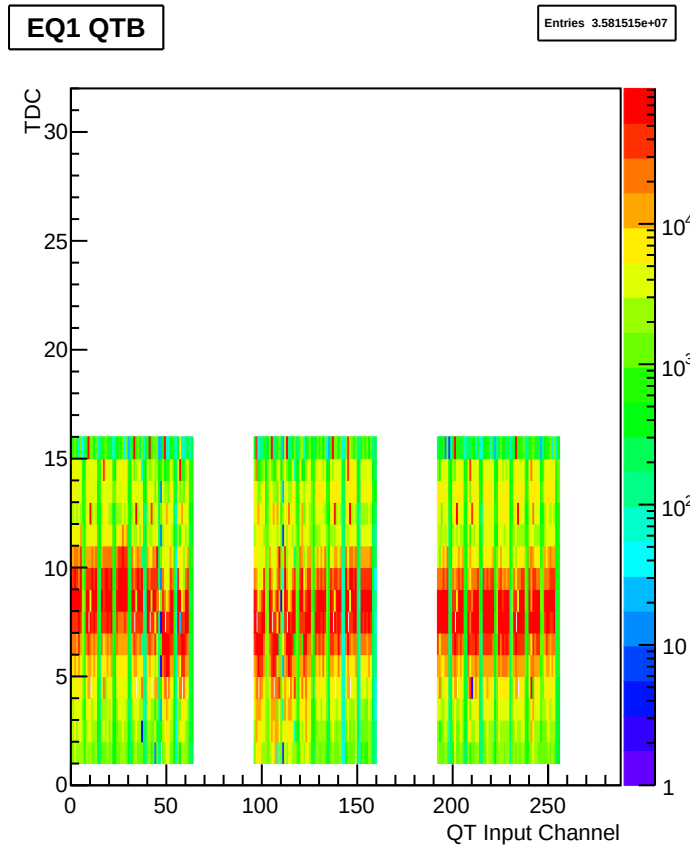

BBQ-VP001 East
Entries 5968816
ADC
QT Input Channel

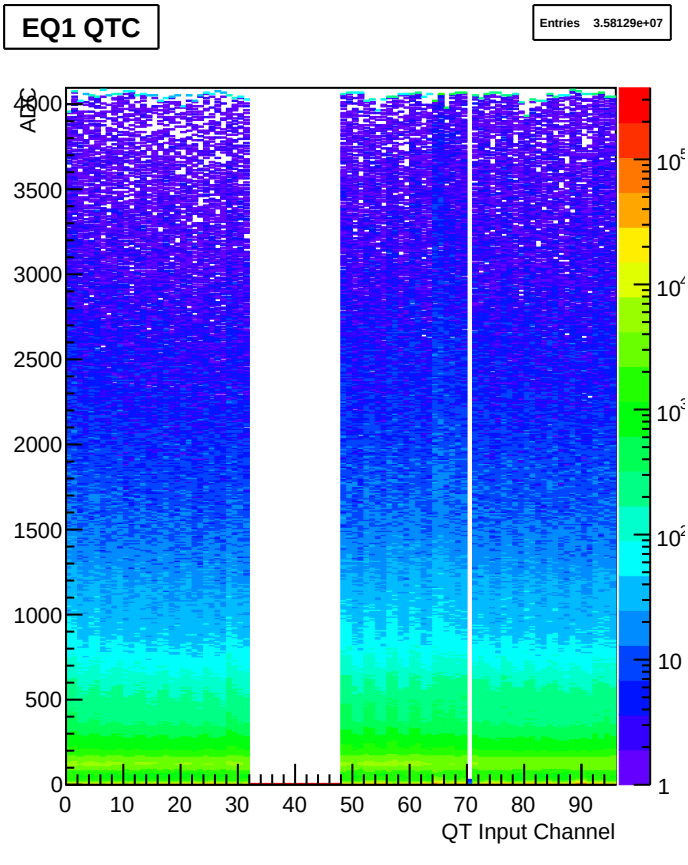

BBQ-VP001 East
Entries 5968816
TADC
QT Input Channel

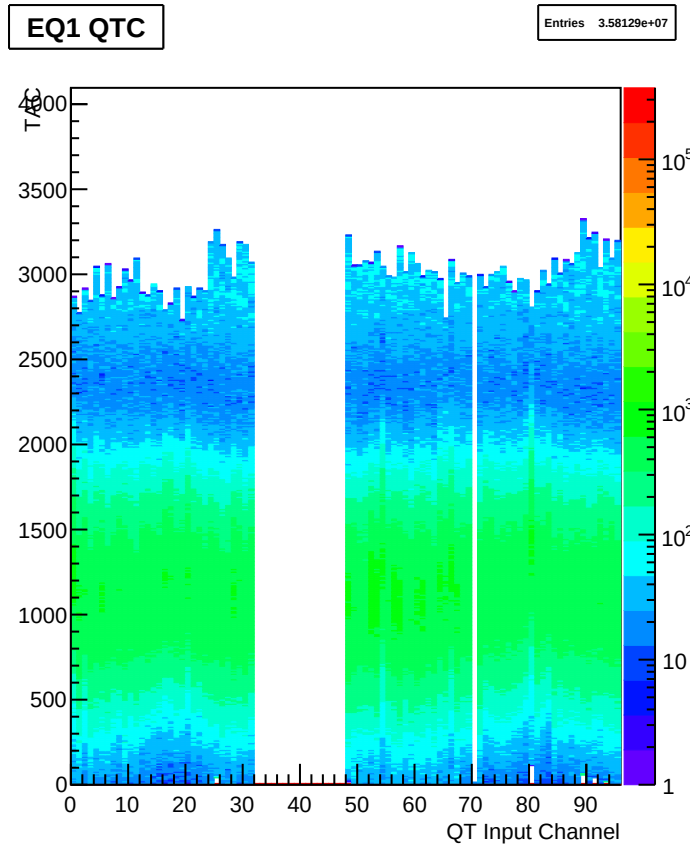

BBQ-VP002 West
Entries 5968816
ADC
QT Input Channel

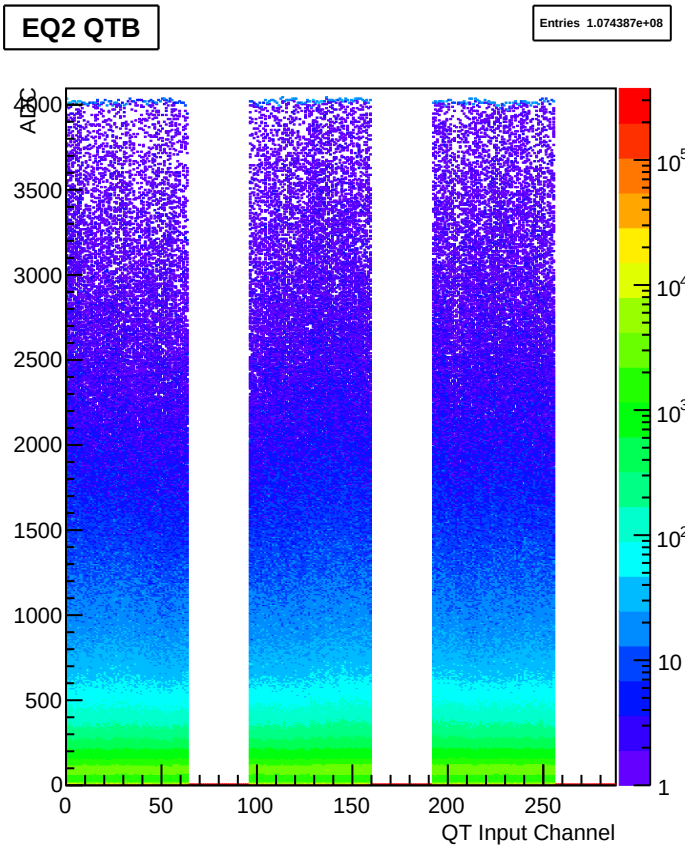

BBQ-VP002 West
Entries 5968816
TADC
QT Input Channel

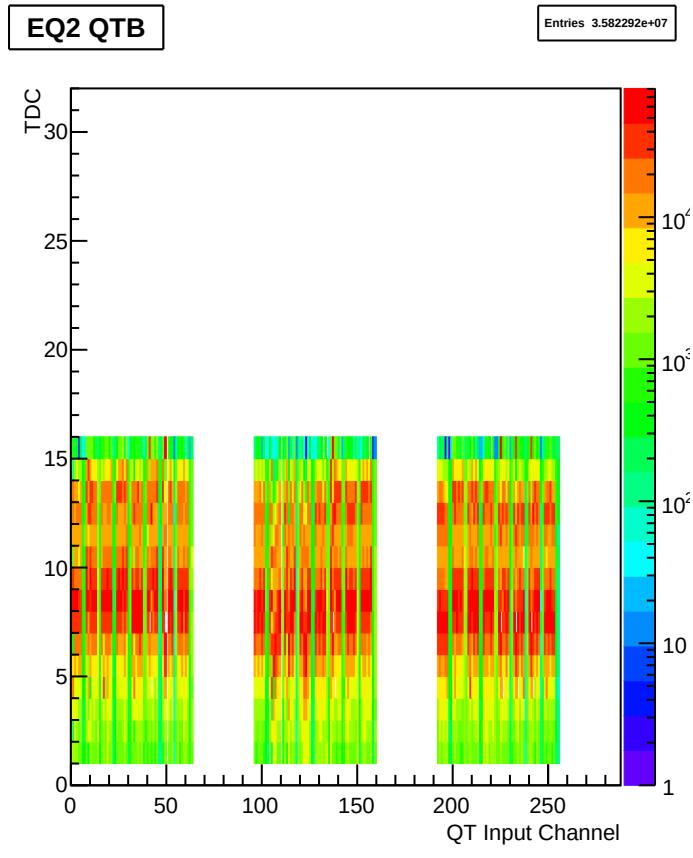

EQ1 QTB
Entries 1.074387e+08
ADC
QT Input Channel

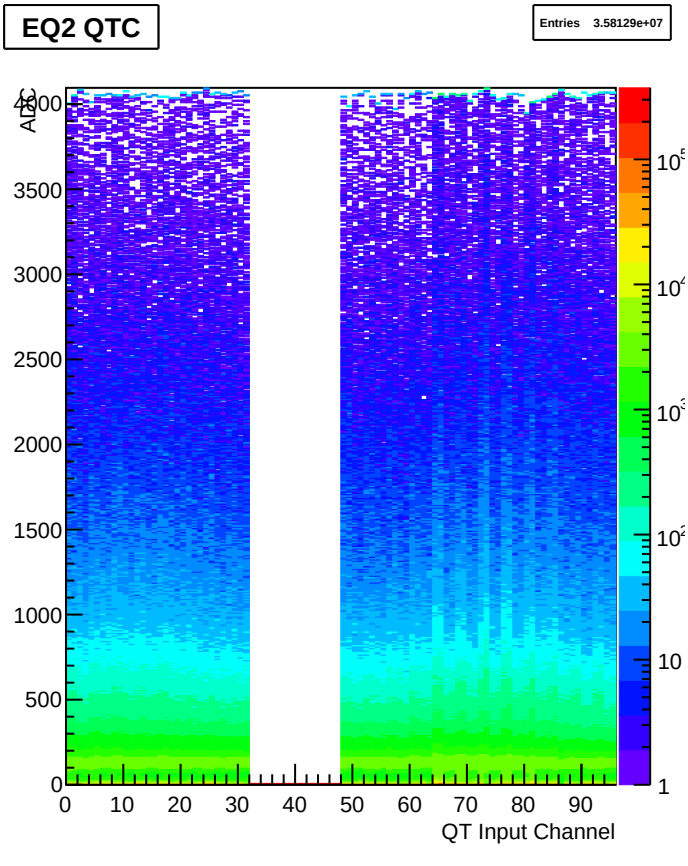

EQ1 QTB
Entries 3.581515e+07
TDC
QT Input Channel

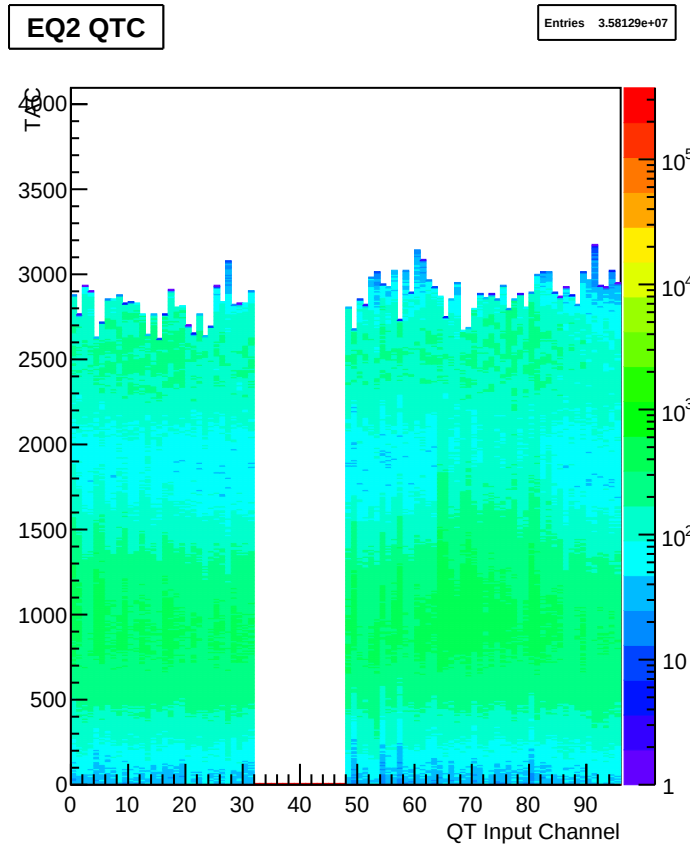

EQ1 QTC
Entries 3.58129e+07
ADC
QT Input Channel

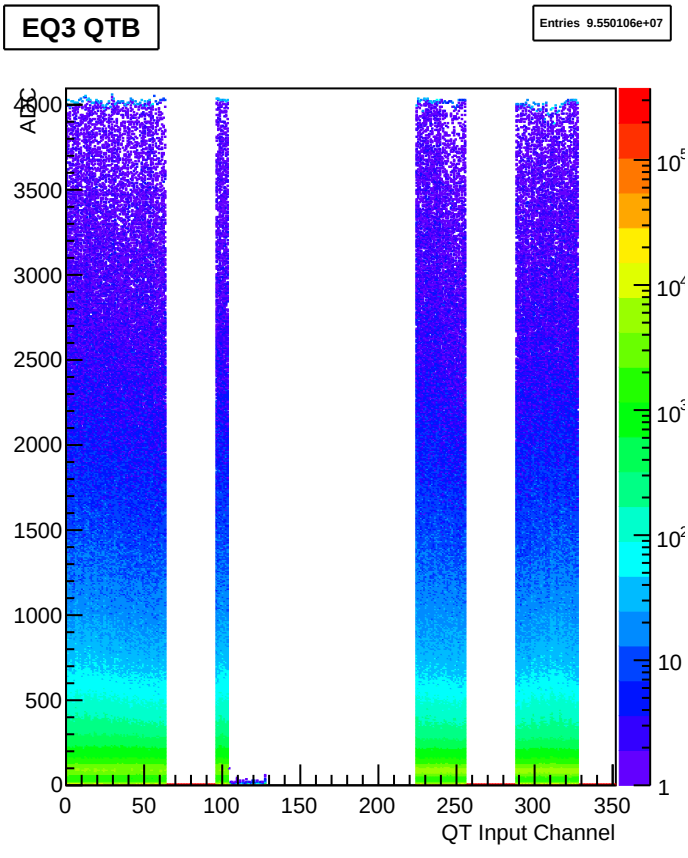

EQ1 QTC
Entries 3.58129e+07
TADC
QT Input Channel

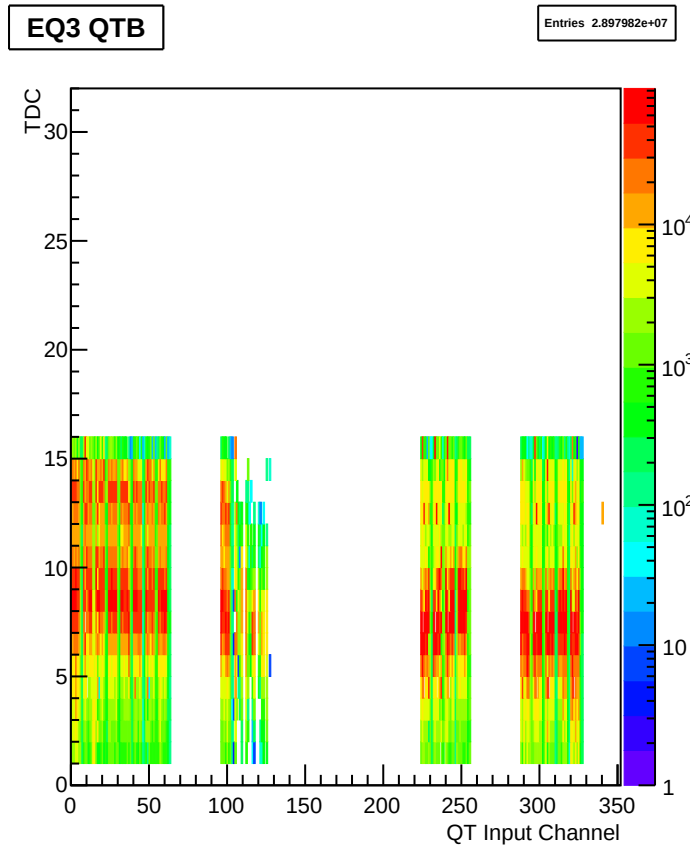

EQ2 QTB
Entries 1.074387e+08
ADC
QT Input Channel

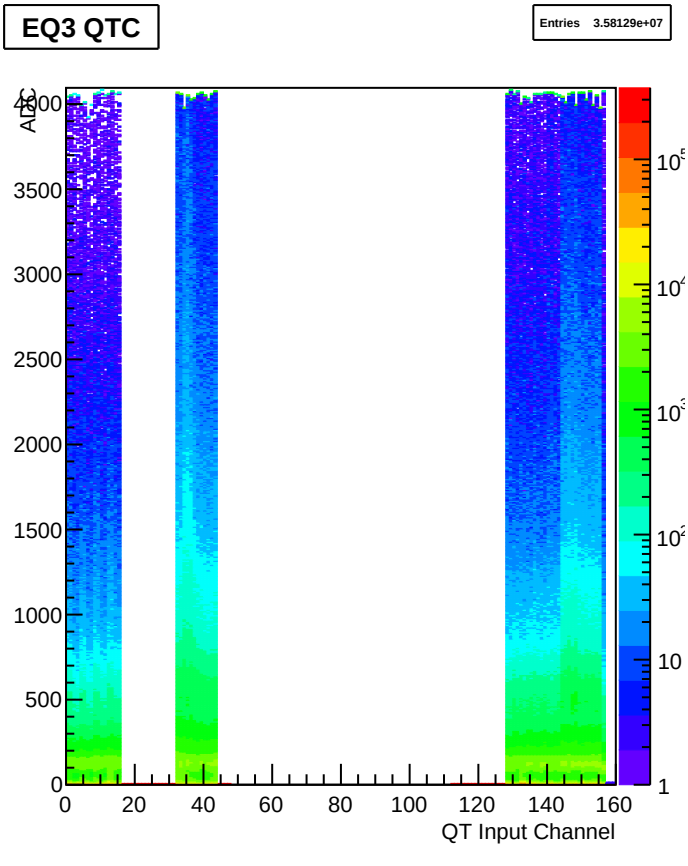

EQ2 QTB
Entries 3.582292e+07
TDC
QT Input Channel

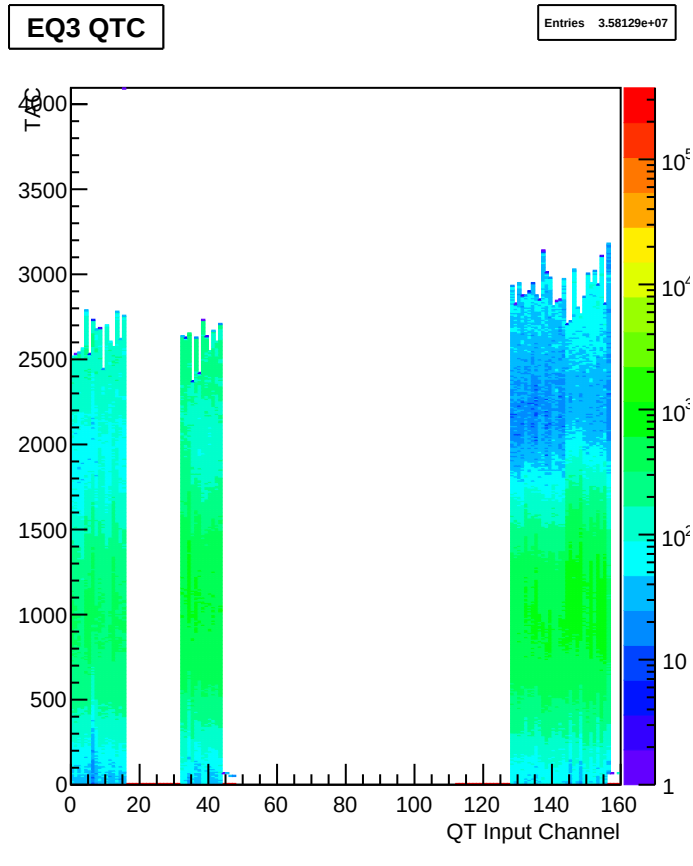

EQ2 QTC
Entries 3.58129e+07
ADC
QT Input Channel

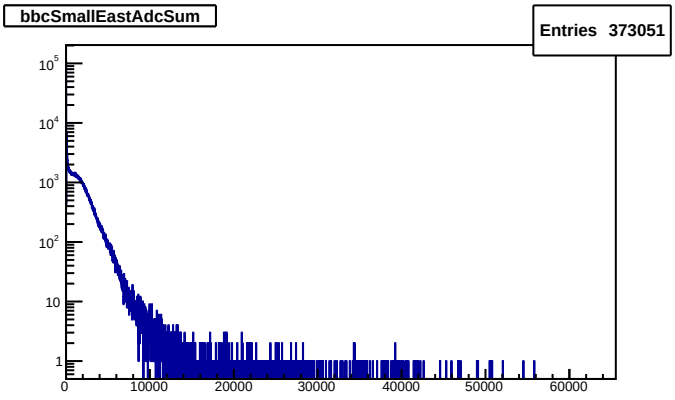

EQ2 QTC
Entries 3.58129e+07
TADC
QT Input Channel

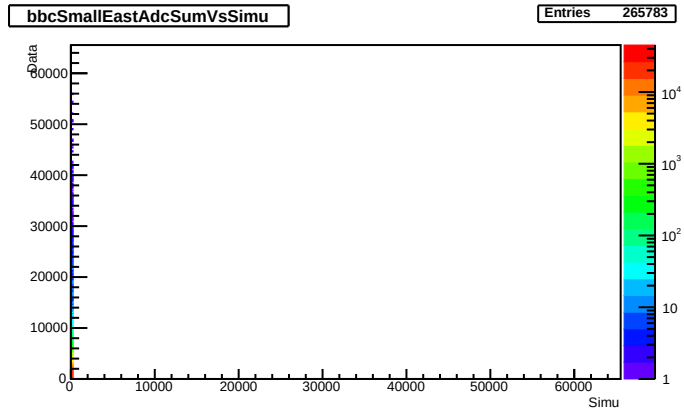

EQ3 QTB
Entries 9.550106e+07
ADC
QT Input Channel

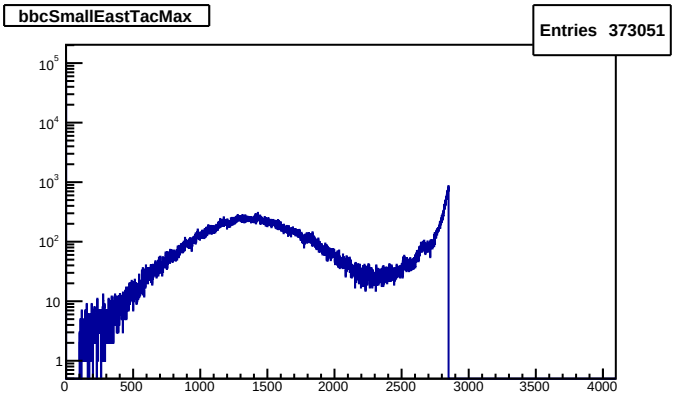

EQ3 QTB
Entries 2.897982e+07
TDC
QT Input Channel

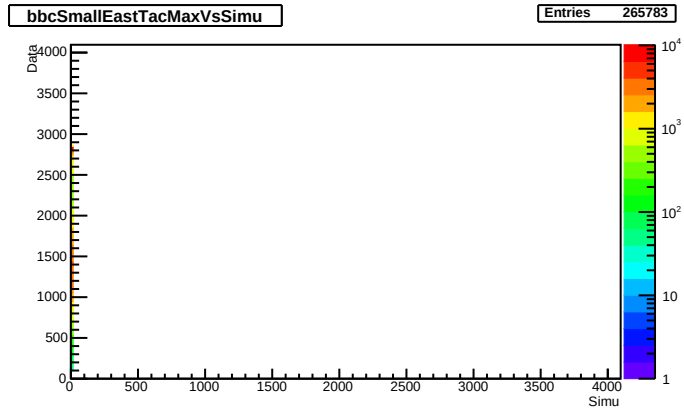

EQ3 QTC
Entries 3.58129e+07
ADC
QT Input Channel


EQ3 QTC
Entries 3.58129e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 373051


bbcSmallEastAdcSumVsSimu
Entries 265783
Data
Simu


bbcSmallEastTacMax
Entries 373051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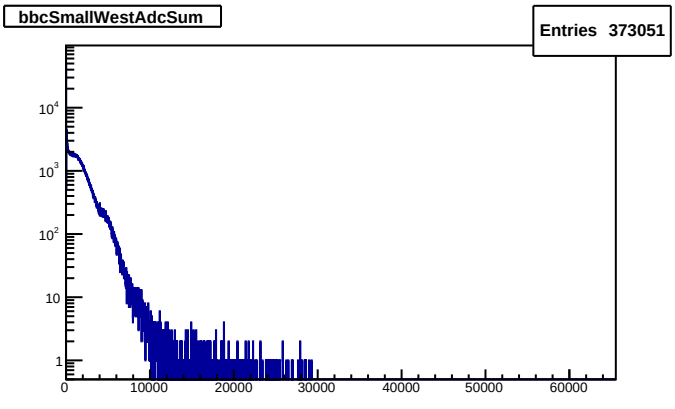
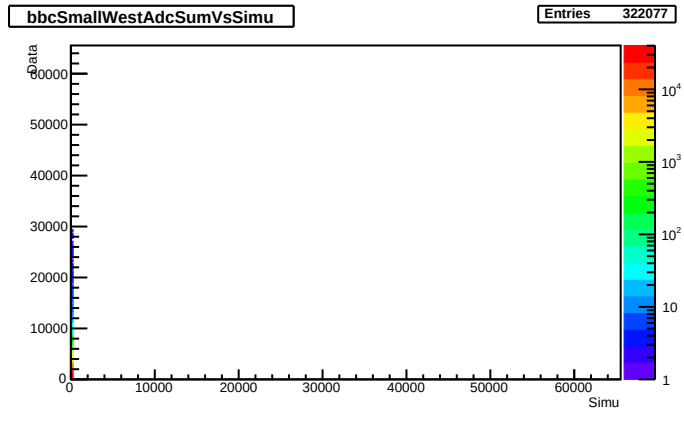
Entries 265783
Data
Simu


bbcSmallWestAdcSum
Entries 373051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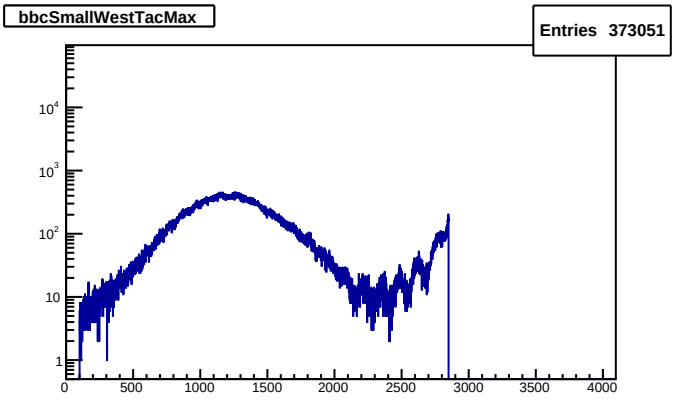
Entries 322077
Data
Simu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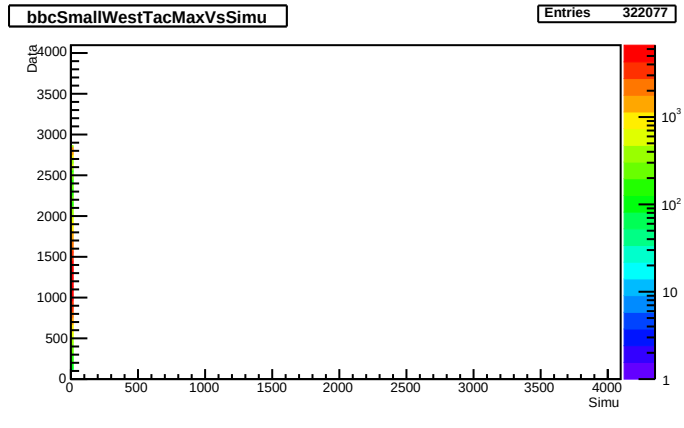
Entries 373051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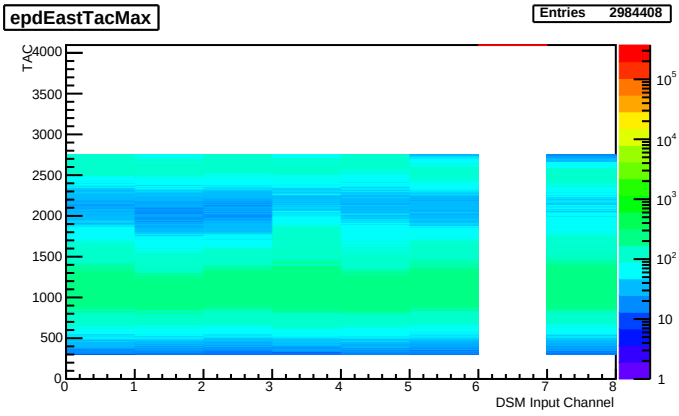
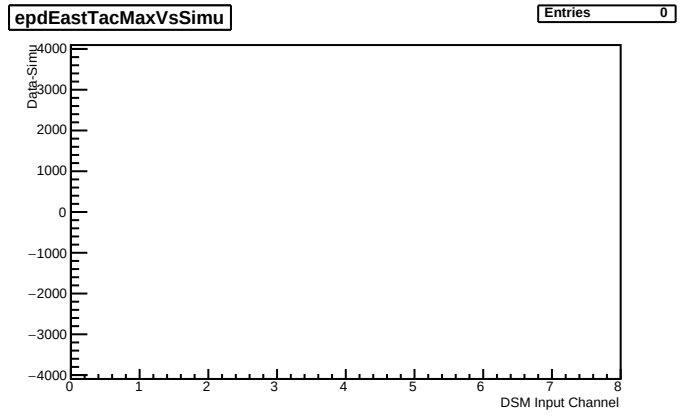
Entries 322077
Data
Simu


epdEastTacMax
Entries 2984408
TAC
DSM Input Channel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Data-Simu
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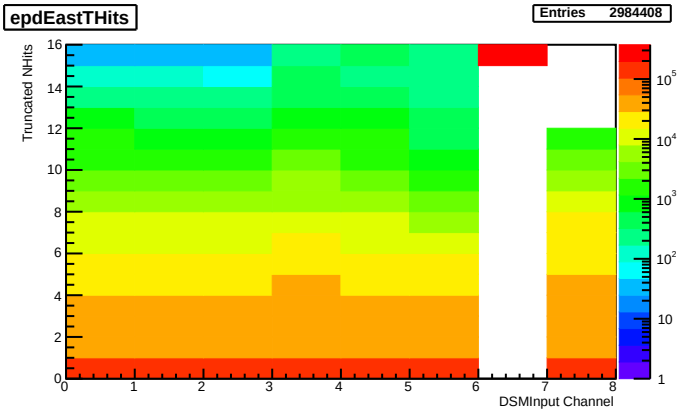
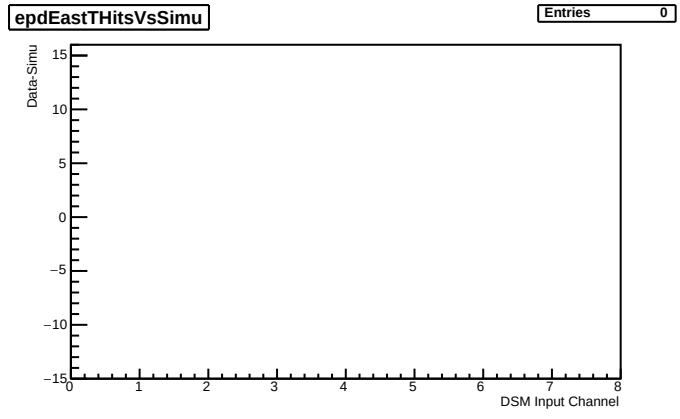

epdEastTHits
Entries 2984408
Truncated NHits
DSMInput Channel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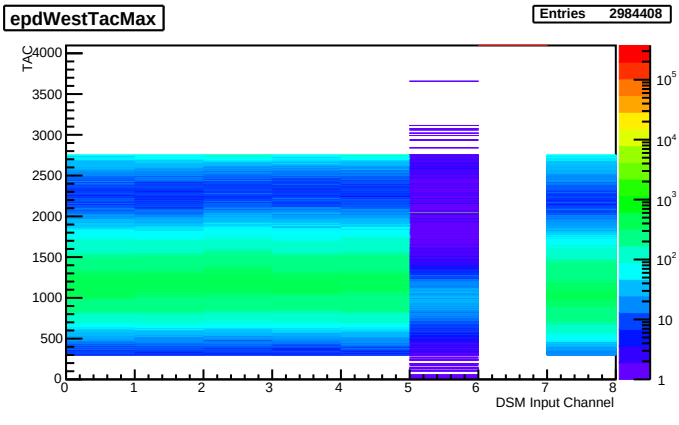
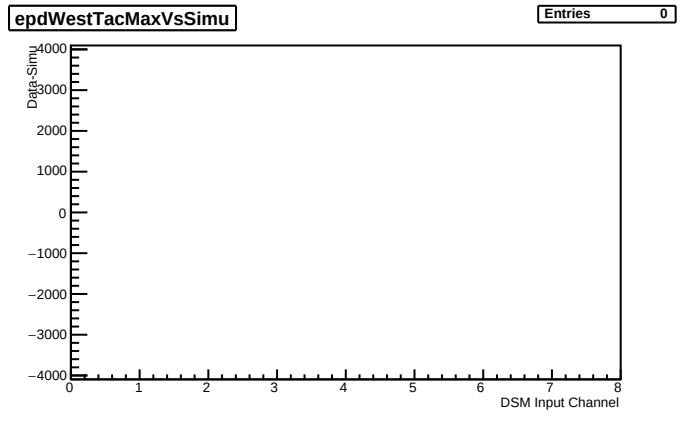
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2984408
TAC
DSM Input Channel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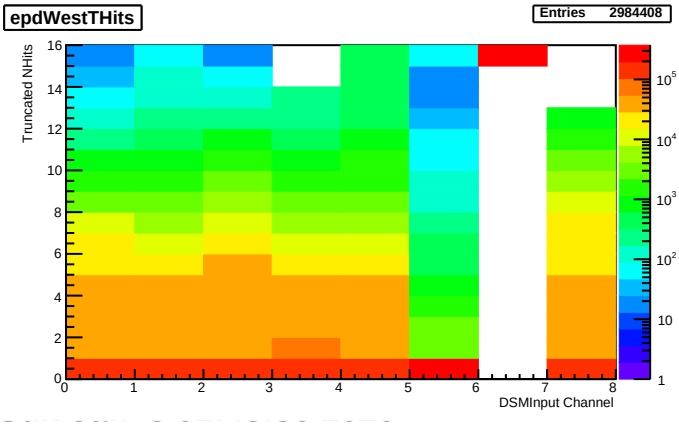
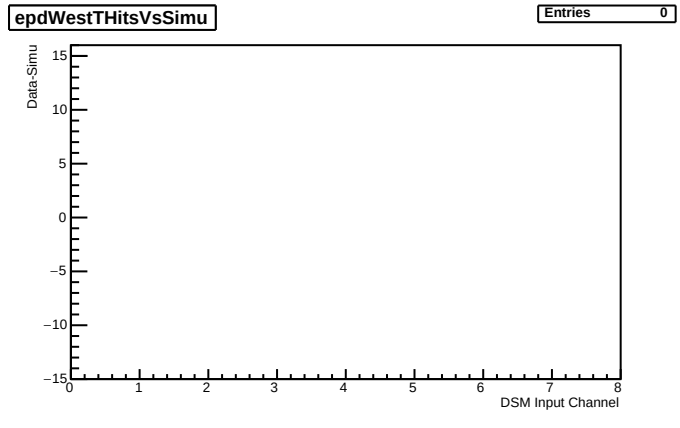
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2984408
Truncated NHits
DSMInput Channel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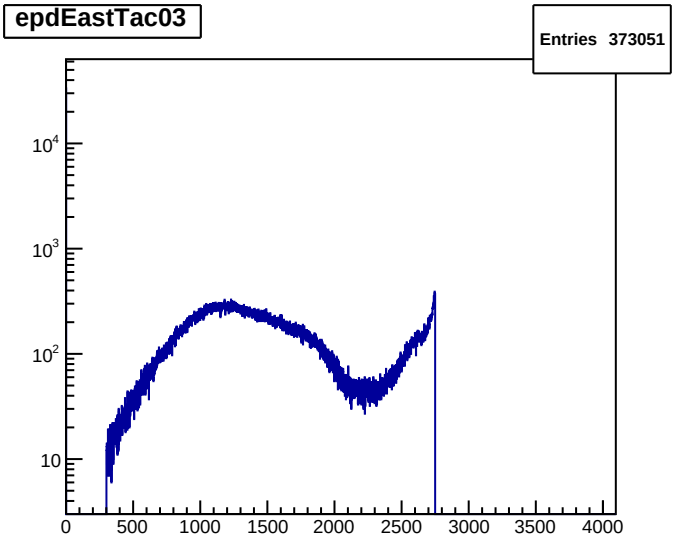
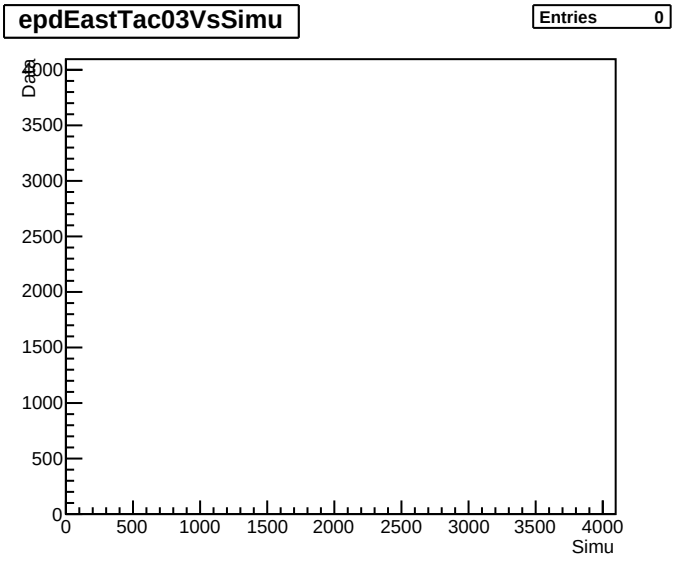
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 373051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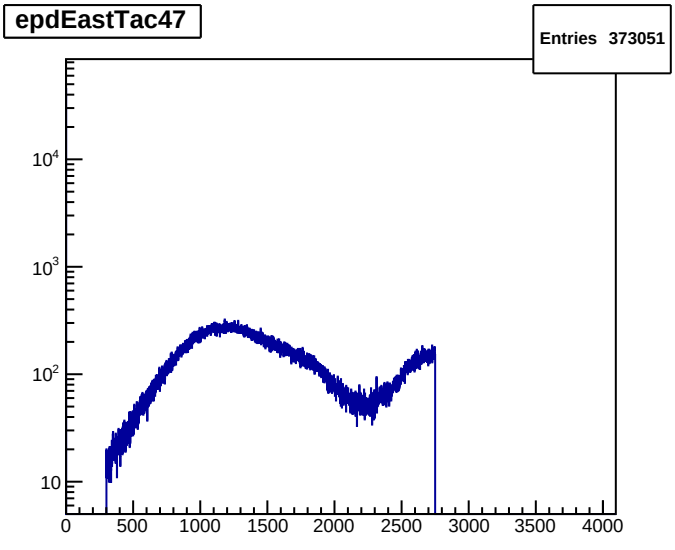
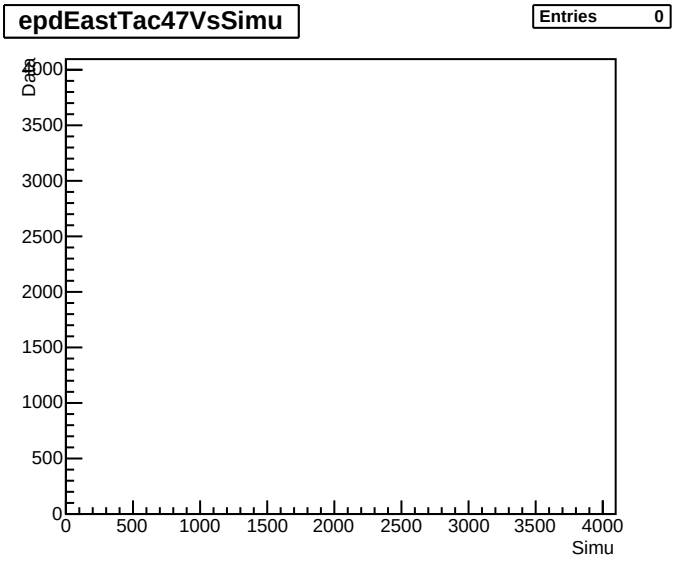
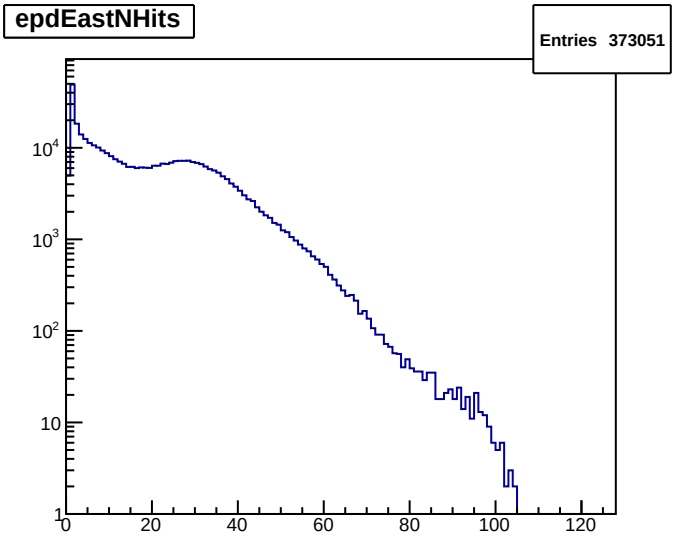
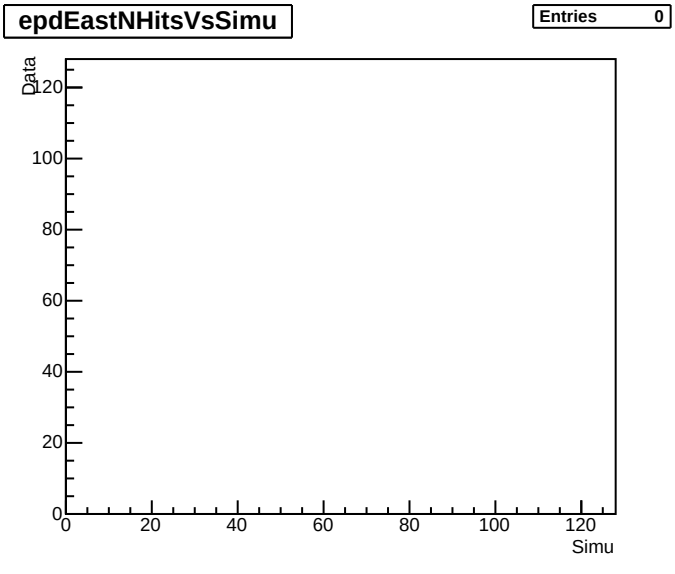
Entries 0
Data
Simu


epdEastTac47
Entries 373051


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 373051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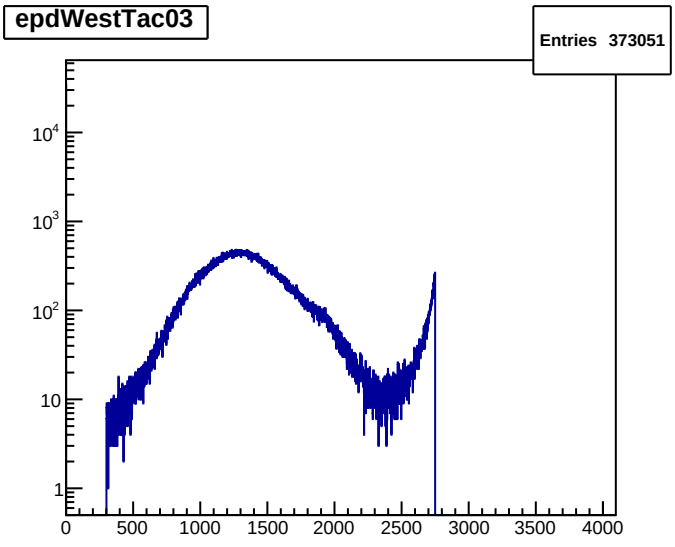
Entries 0
Data
Simu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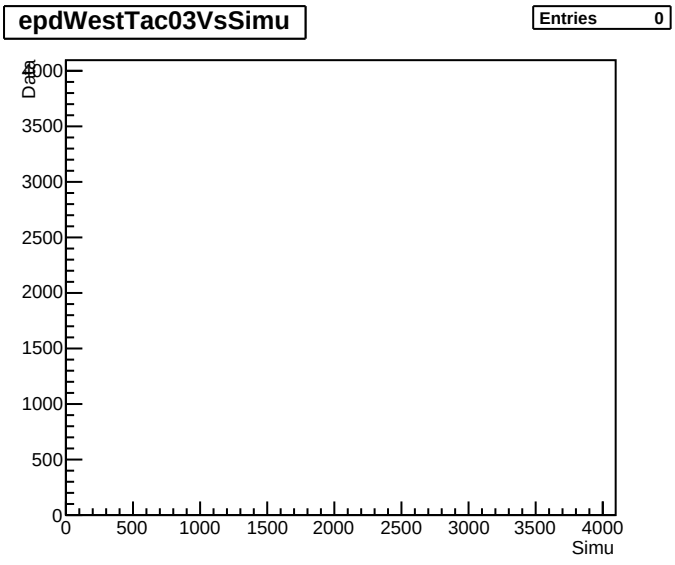
Entries 373051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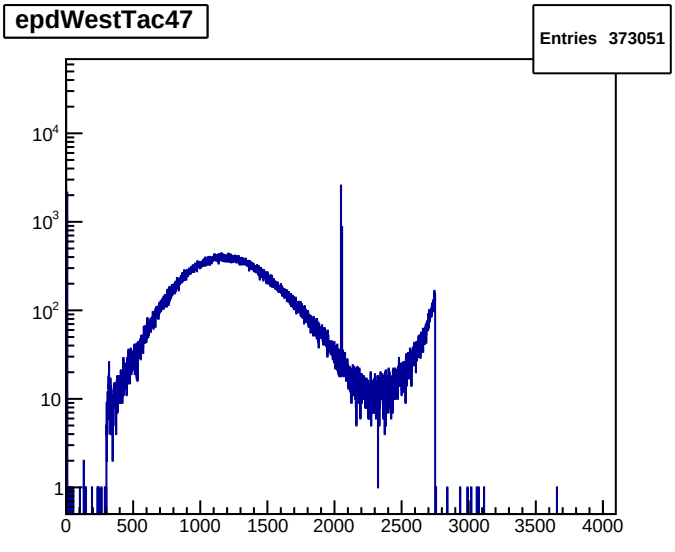
Entries 0
Data
Simu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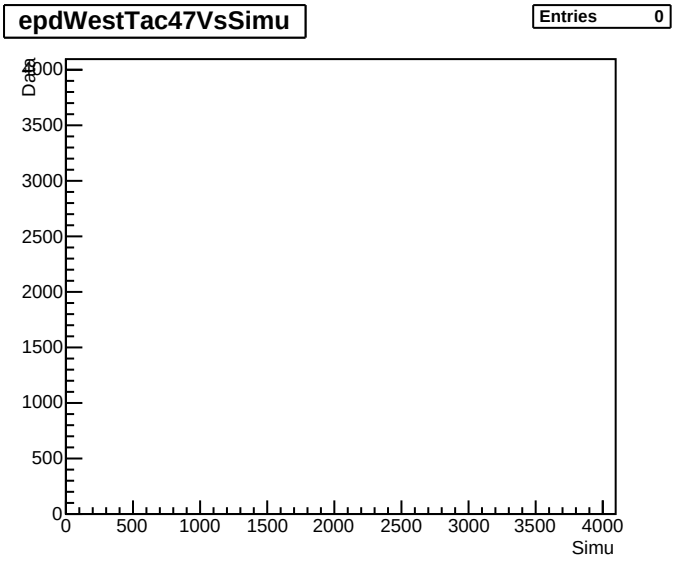
Entries 373051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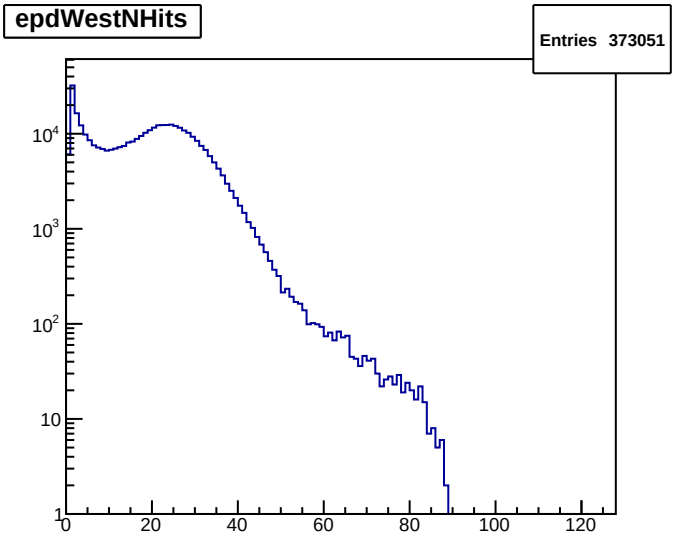
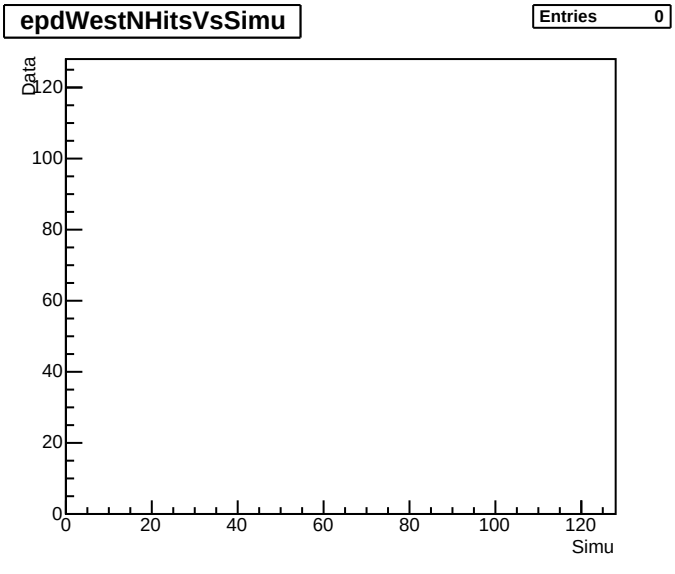
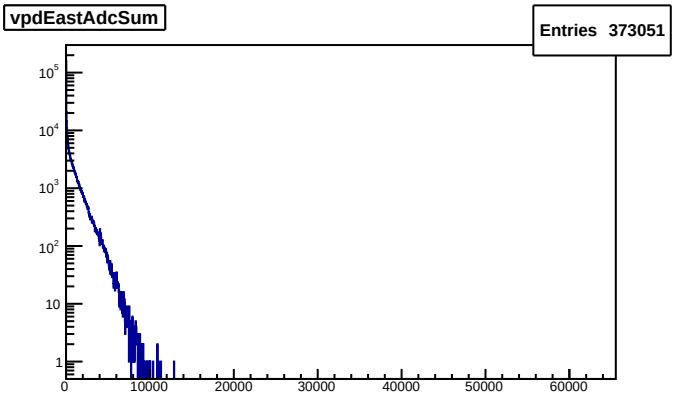
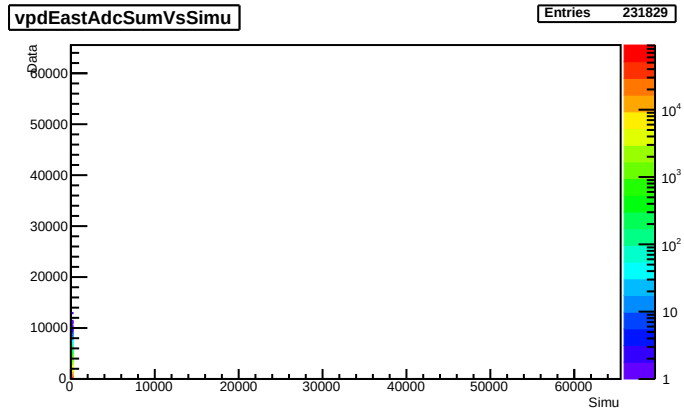
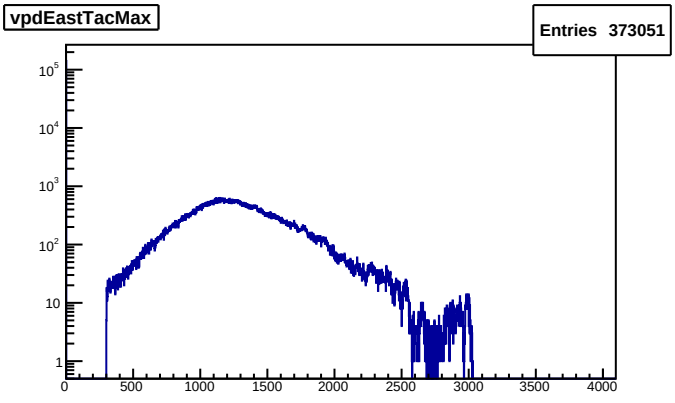
Entries 0
Data
Simu

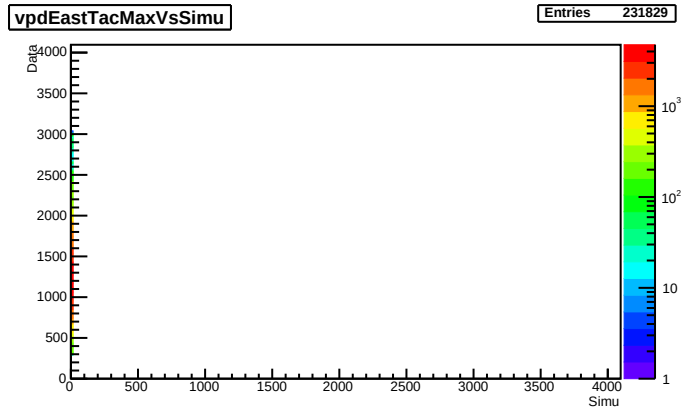

epdWestNHits
Entries 373051

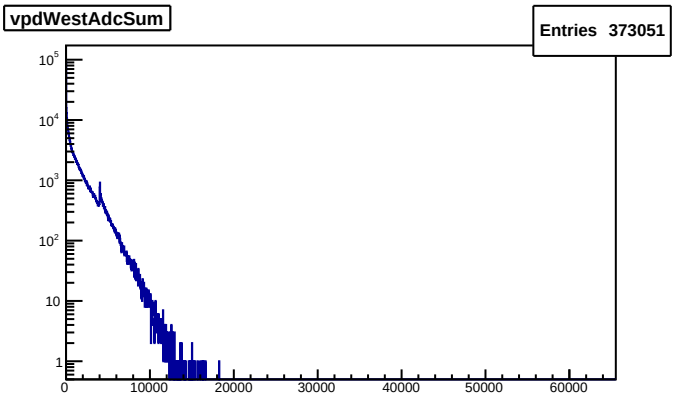

epdWestNHitsVsSimu
Entries 0
Data
Simu

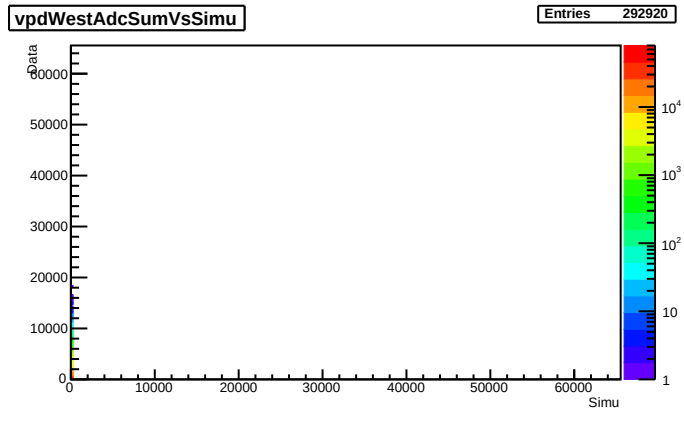

vpdEastAdcSum
Entries 373051

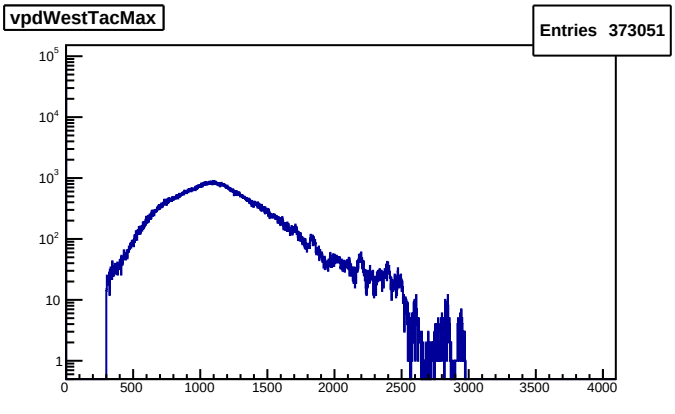

vpdEastAdcSumVsSimu
Entries 231829
Data
Simu

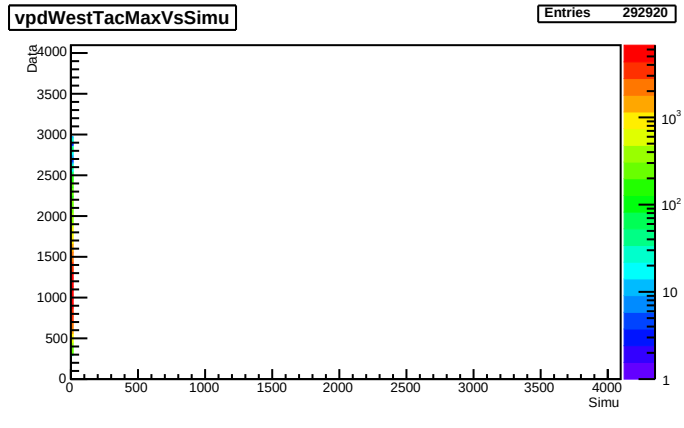

vpdEastTacMax
Entries 373051

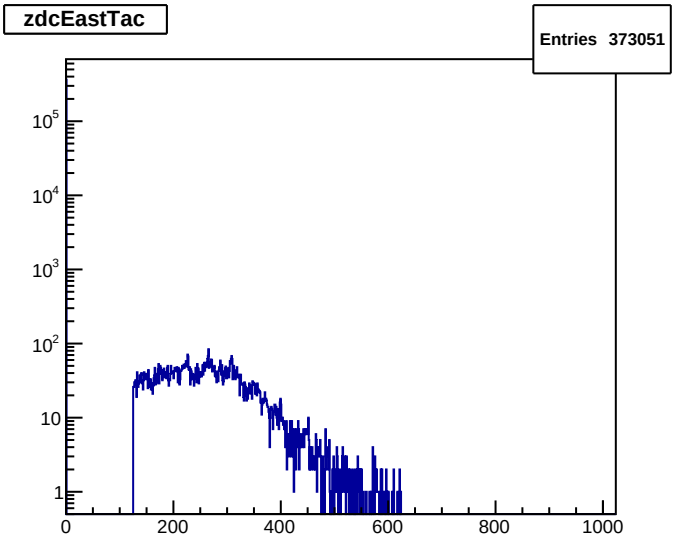

vpdEastTacMaxVsSimu
Entries 231829
Data
Simu

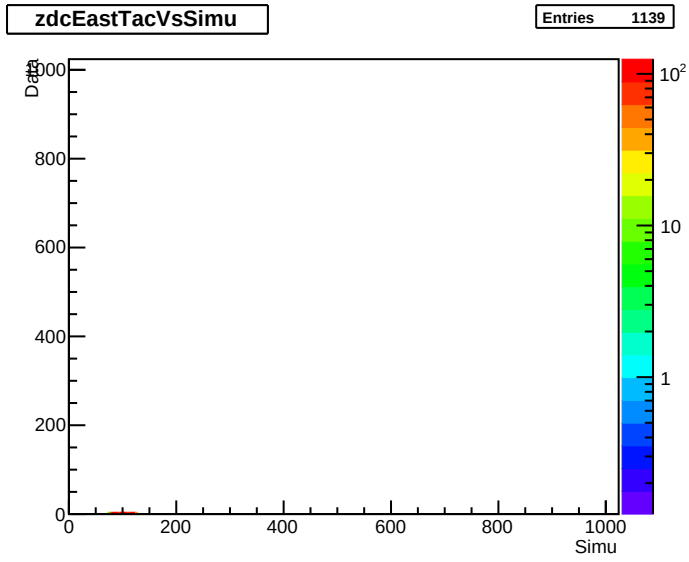

vpdWestAdcSum
Entries 373051

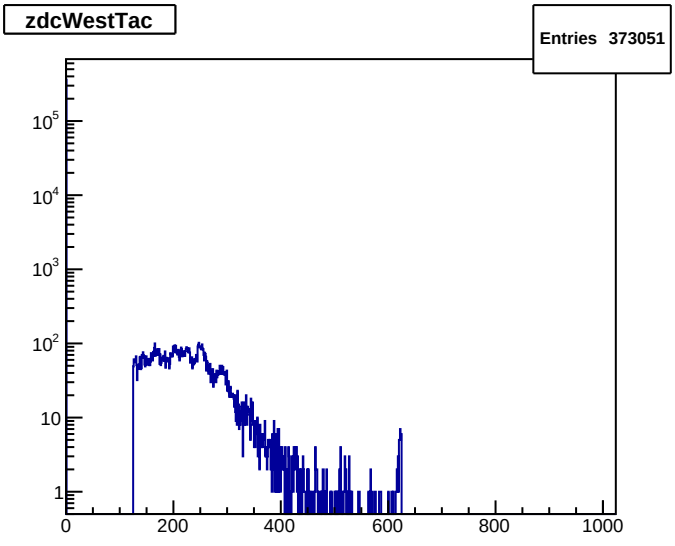

vpdWestAdcSumVsSimu
Entries 292920
Data
Simu

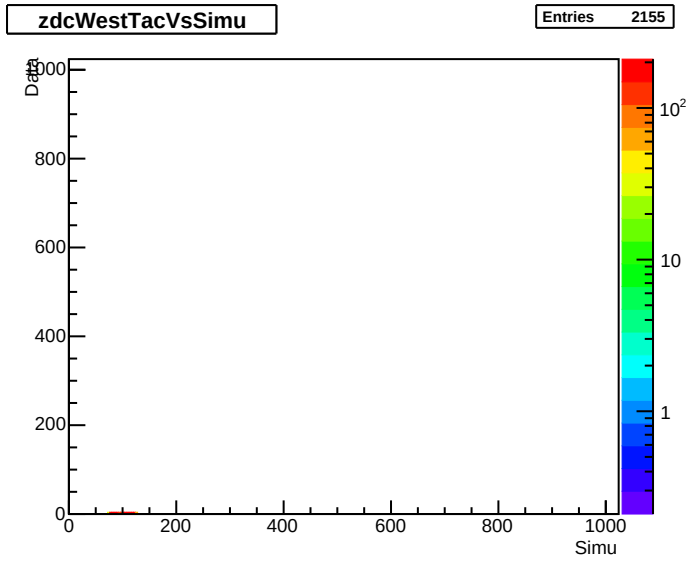

vpdWestTacMax
Entries 373051

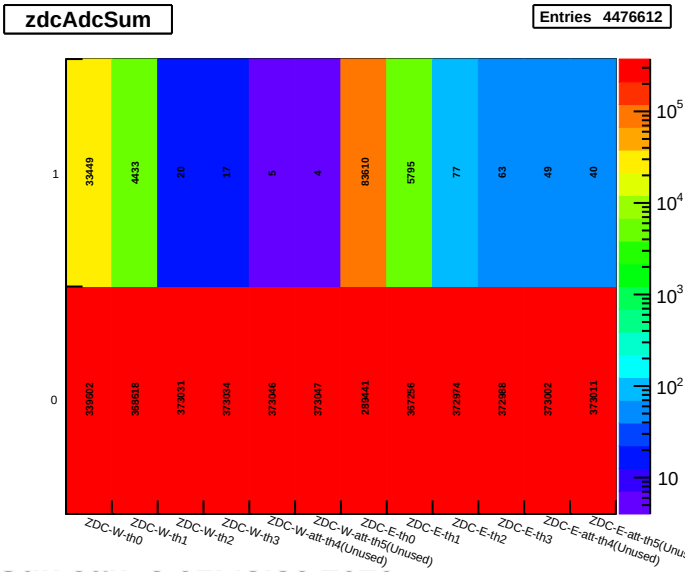

vpdWestTacMaxVsSimu
Entries 292920
Data
Simu

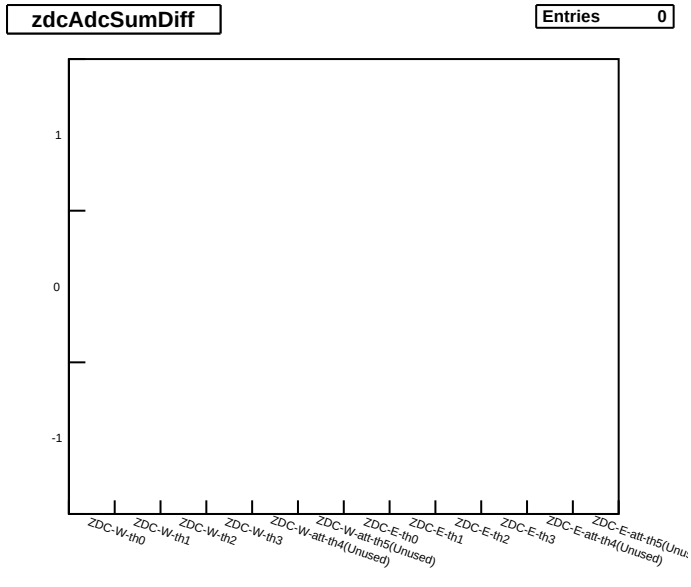

zdcEastTac
Entries 373051

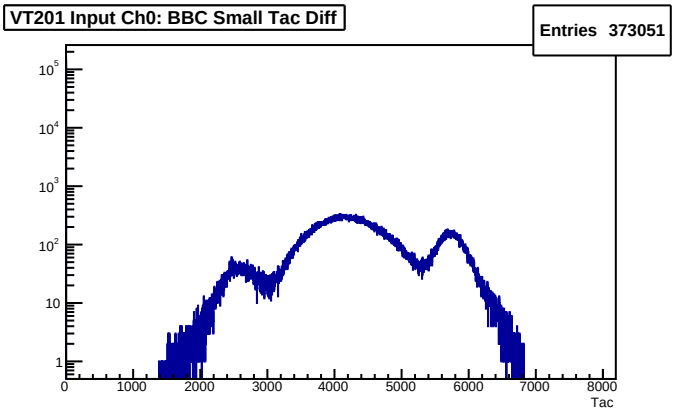

zdcEastTacVsSimu
Entries 1139
Data
Simu

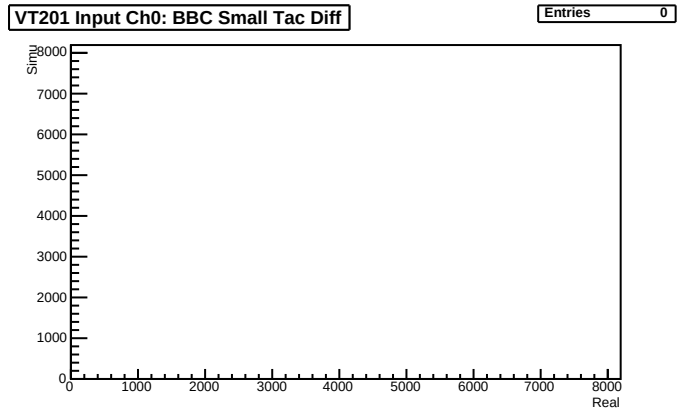

zdcWestTac
Entries 373051

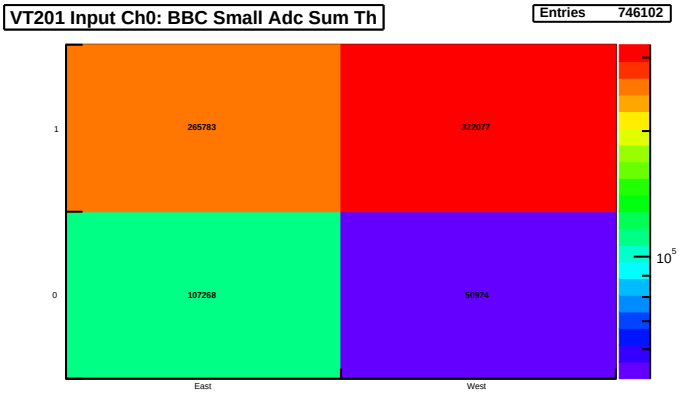

zdcWestTacVsSimu
Entries 2155
Data
Simu

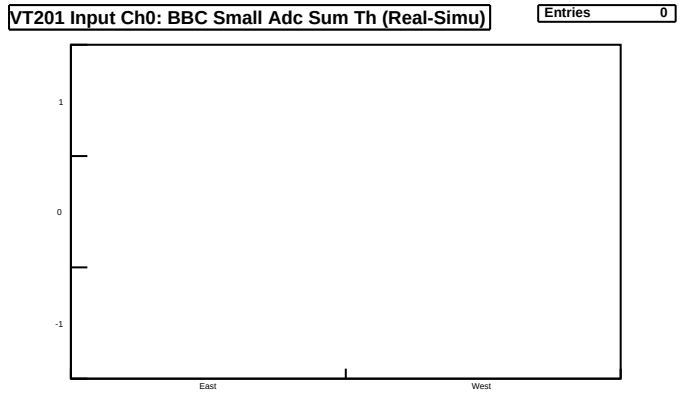

zdcAdcSum
Entries 4476612
33449
4433
20
17
5
4
83610
5795
77
63
49
40
339602
368618
373031
373034
373046
373047
289441
367256
372974
372988
373002
373011
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

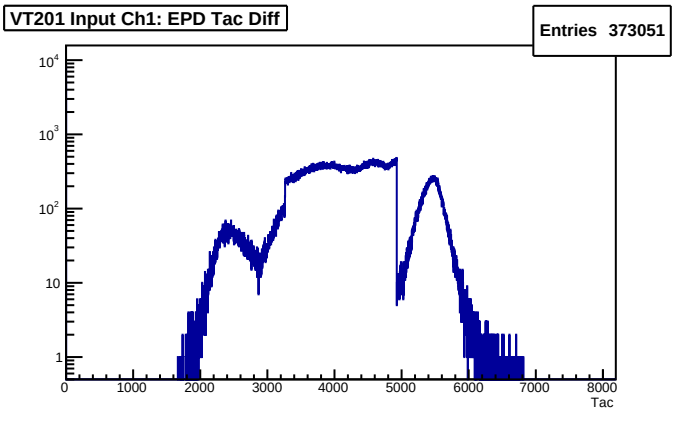

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

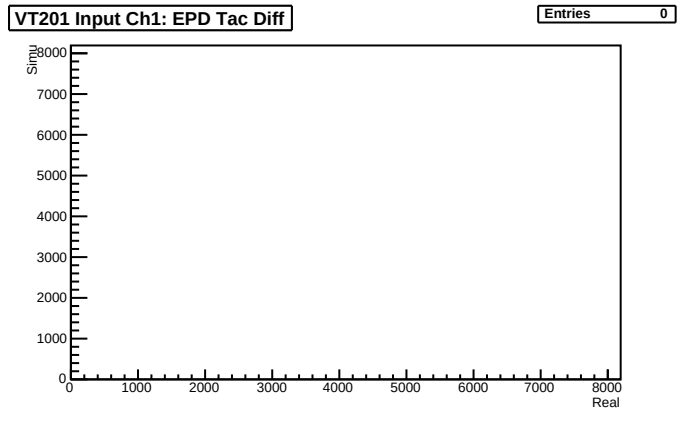

VT201 Input Ch0: BBC Small Tac Diff
Entries 373051
Tac

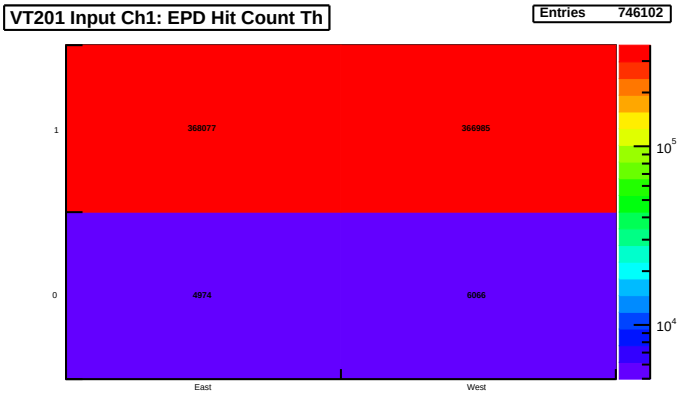

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

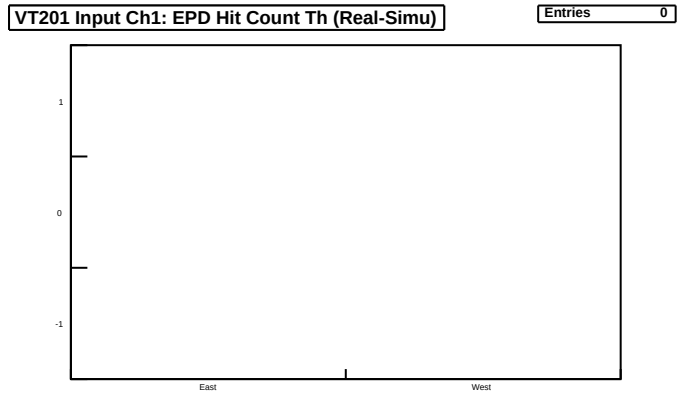

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 746102
265783
322077
107268
50974
East
West

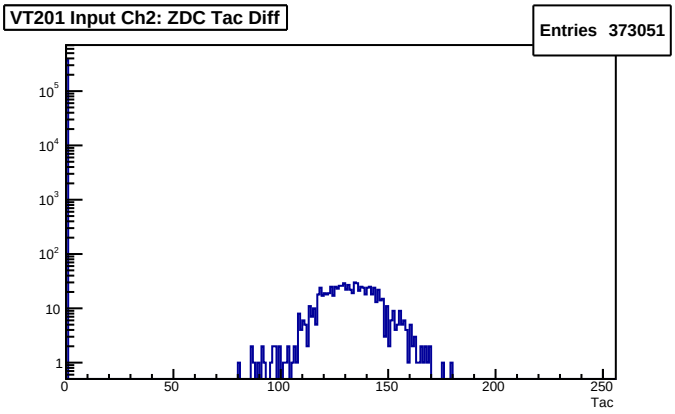

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

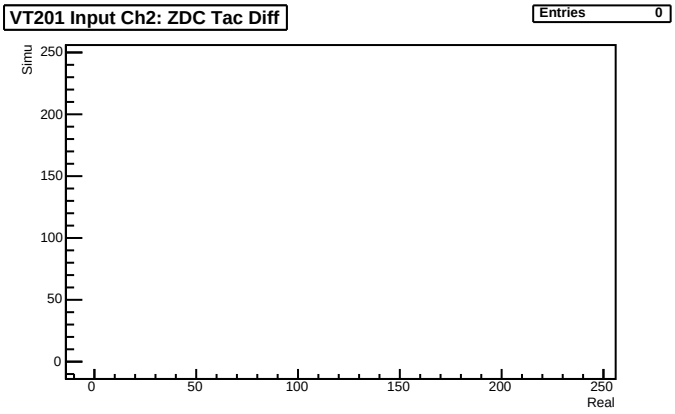

VT201 Input Ch1: EPD Tac Diff
Entries 373051
Tac

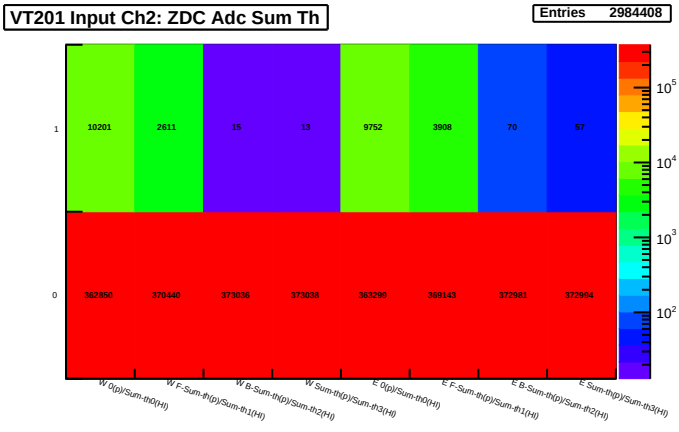

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

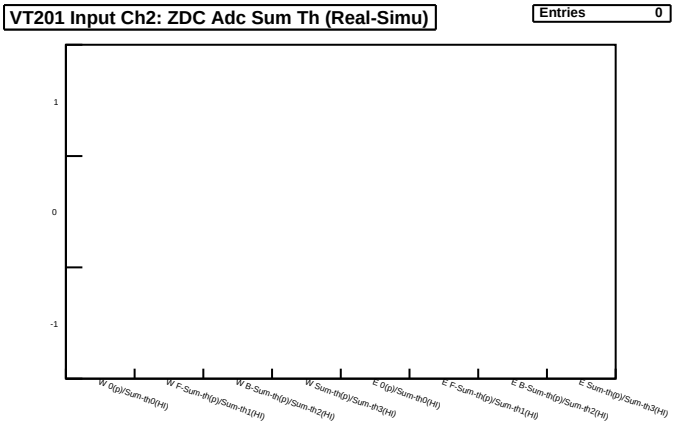

VT201 Input Ch1: EPD Hit Count Th
Entries 746102
368077
360985
4974
6066
East
West

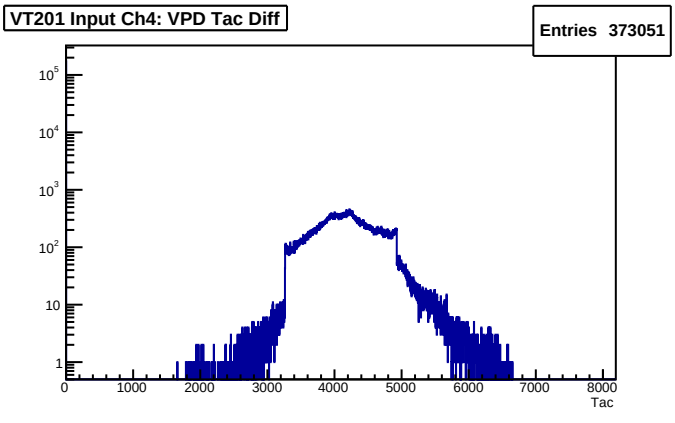

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

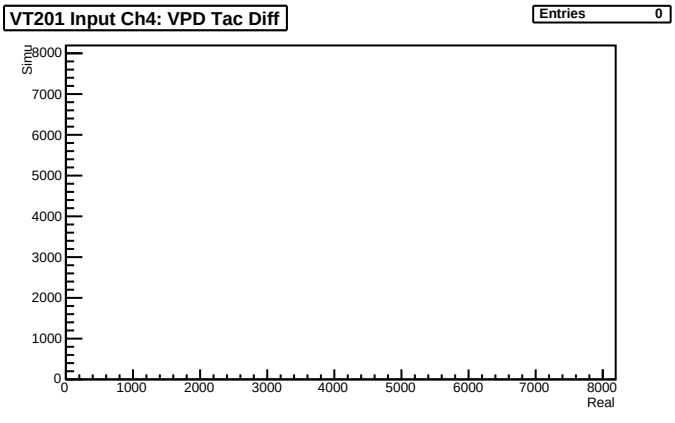

VT201 Input Ch2: ZDC Tac Diff
Entries 373051
Tac

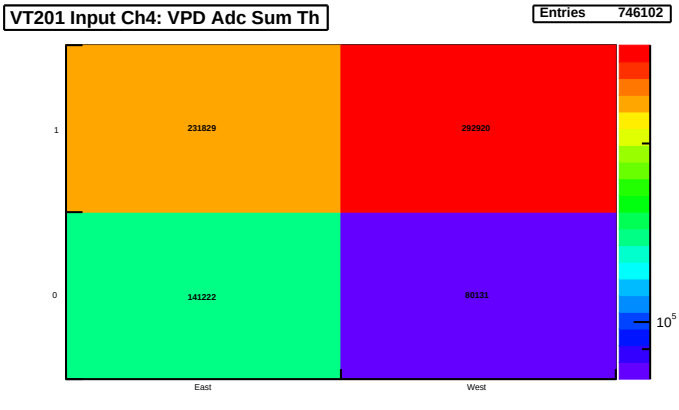

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

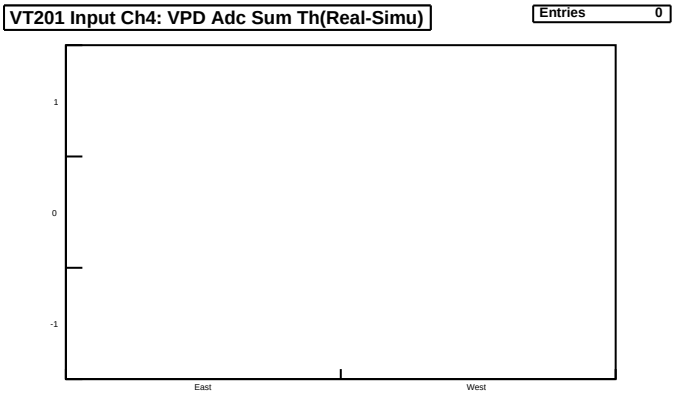

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2984408
10201
2611
15
13
9752
3908
70
57
362850
370440
373036
373038
363299
369143
372981
372994
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

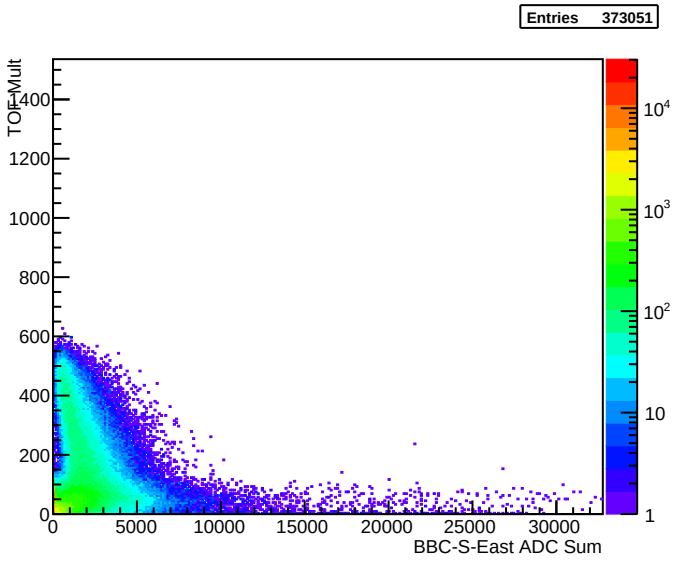

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

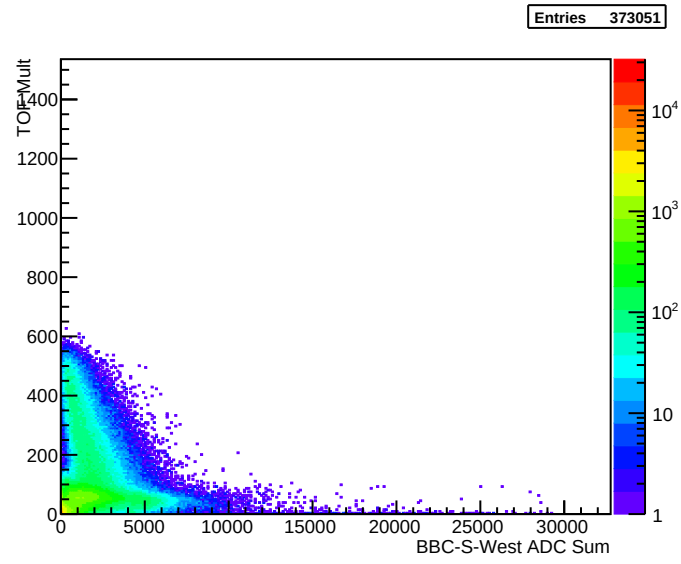

VT201 Input Ch4: VPD Tac Diff
Entries 373051
Tac

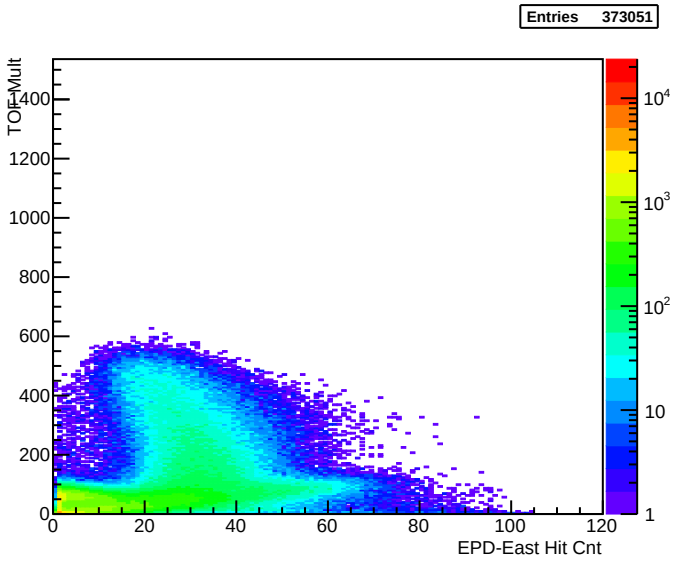

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

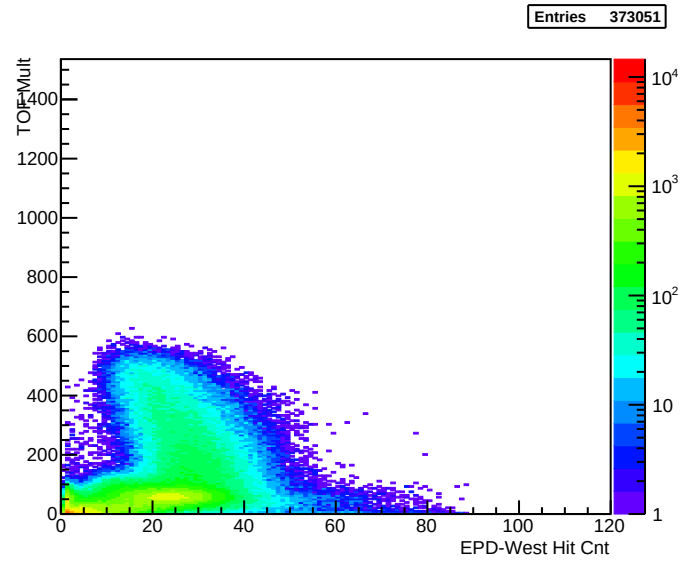

VT201 Input Ch4: VPD Adc Sum Th
Entries 746102
231829
292920
141222
80131
East
West

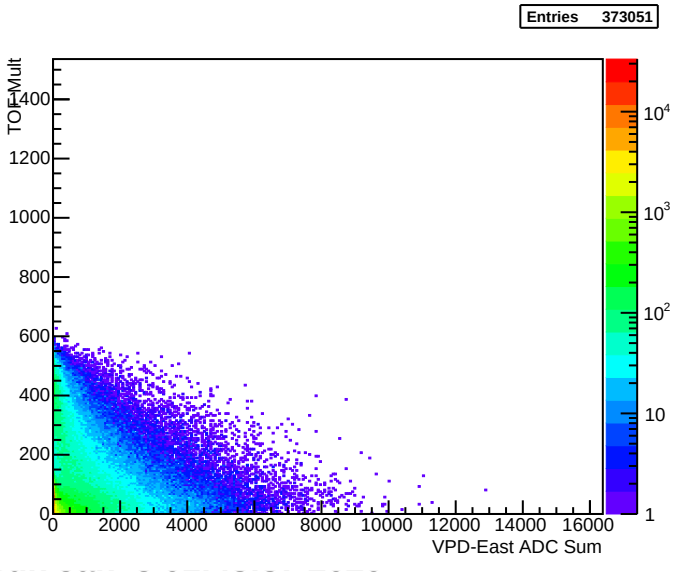

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

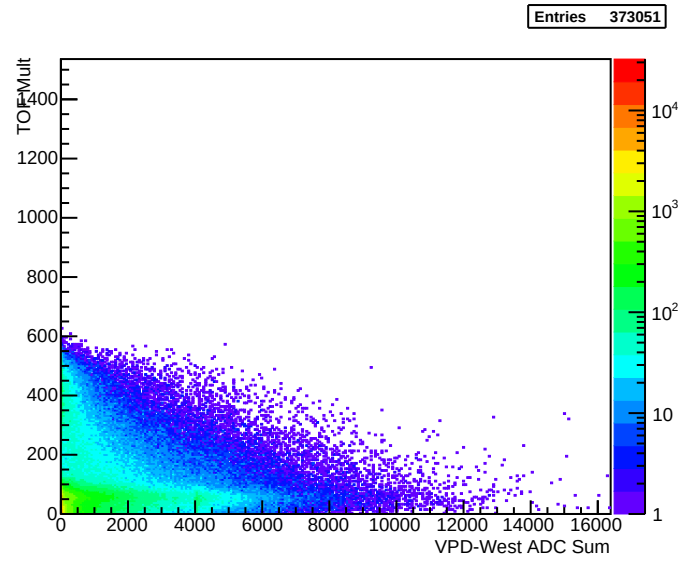

Entries 373051
TOF-Mult
BBC-S-East ADC Sum

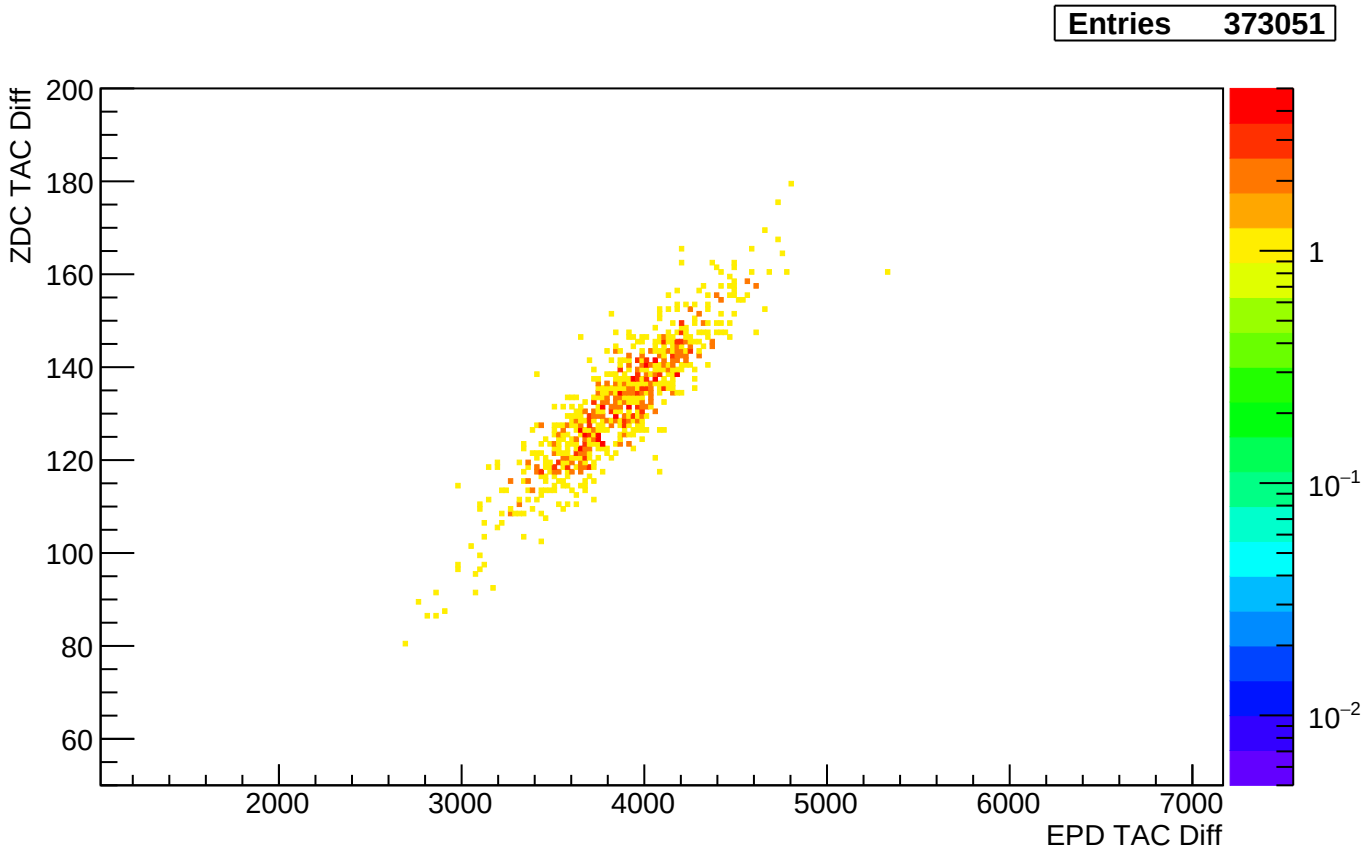

Entries 373051
TOF-Mult
BBC-S-West ADC Sum

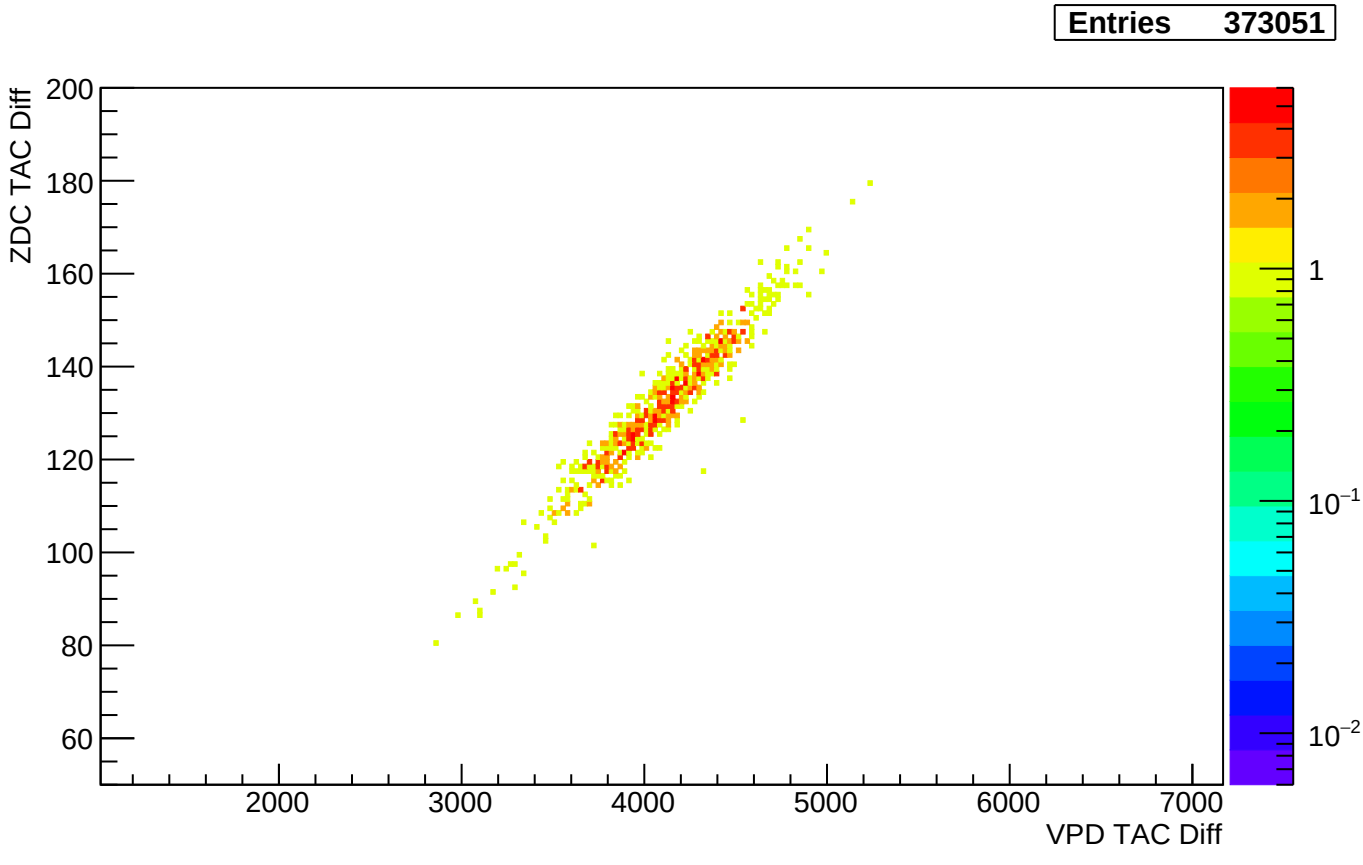

Entries 373051
TOF-Mult
EPD-East Hit Cnt

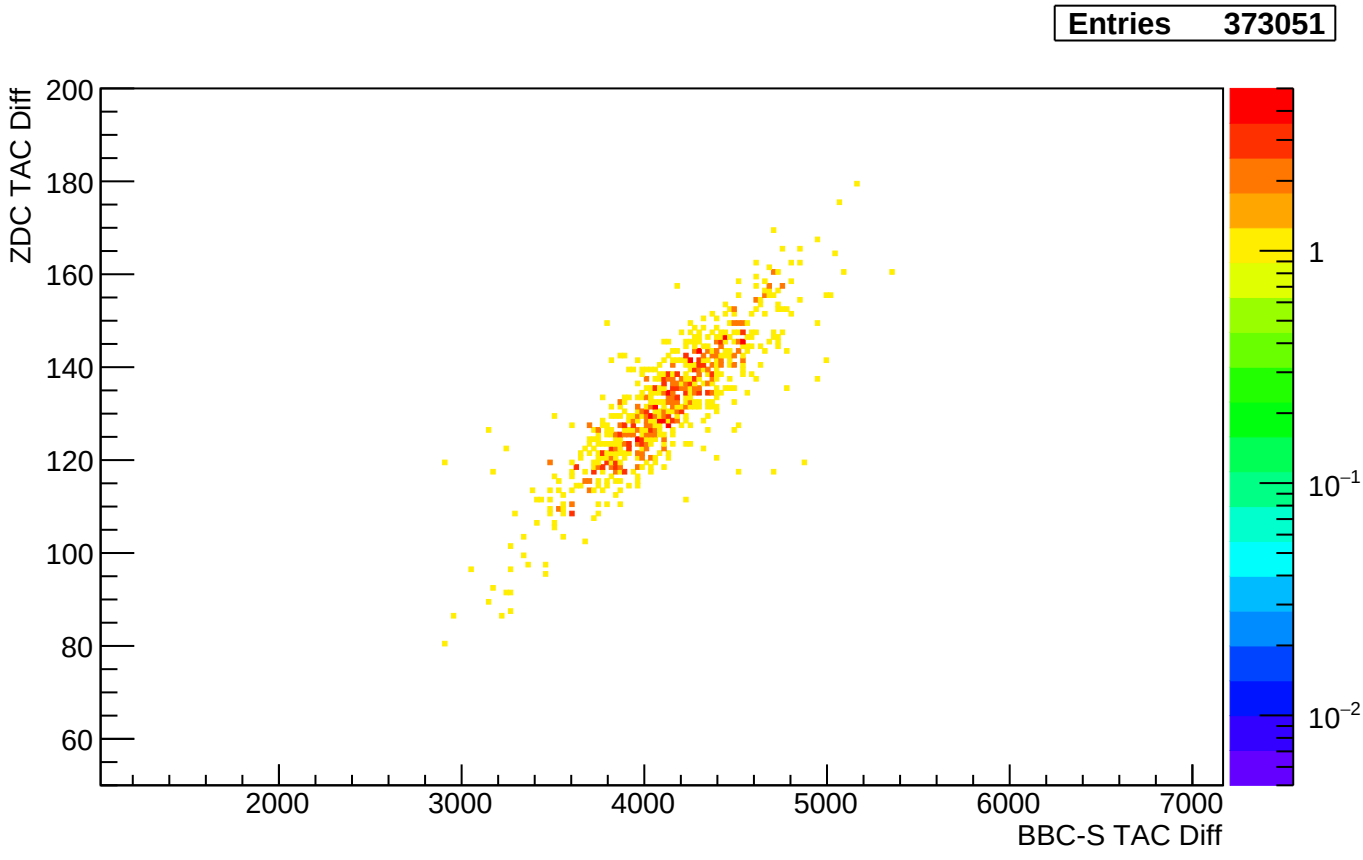

Entries 373051
TOF-Mult
EPD-West Hit Cnt

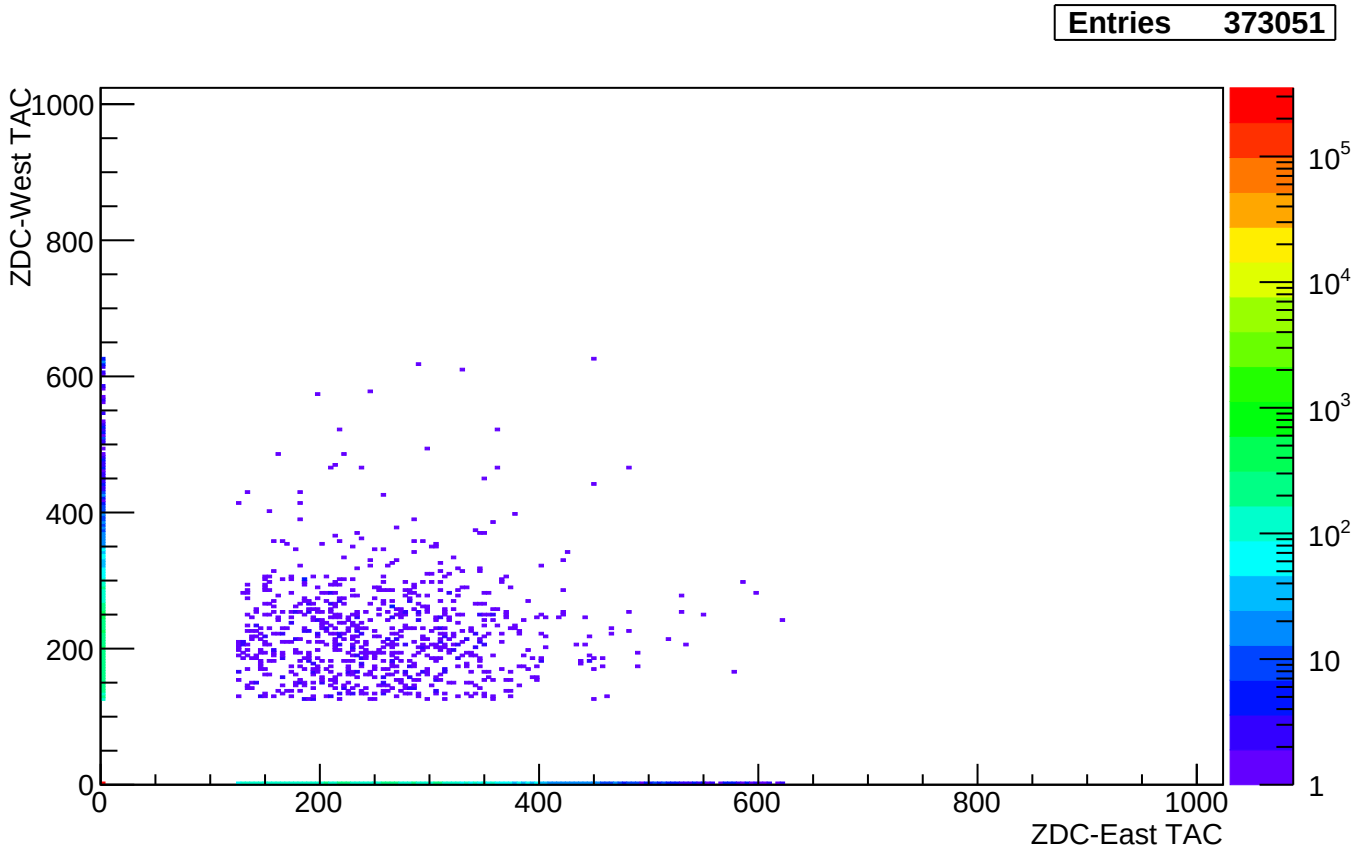

Entries 373051
TOF-Mult
VPD-East ADC Sum

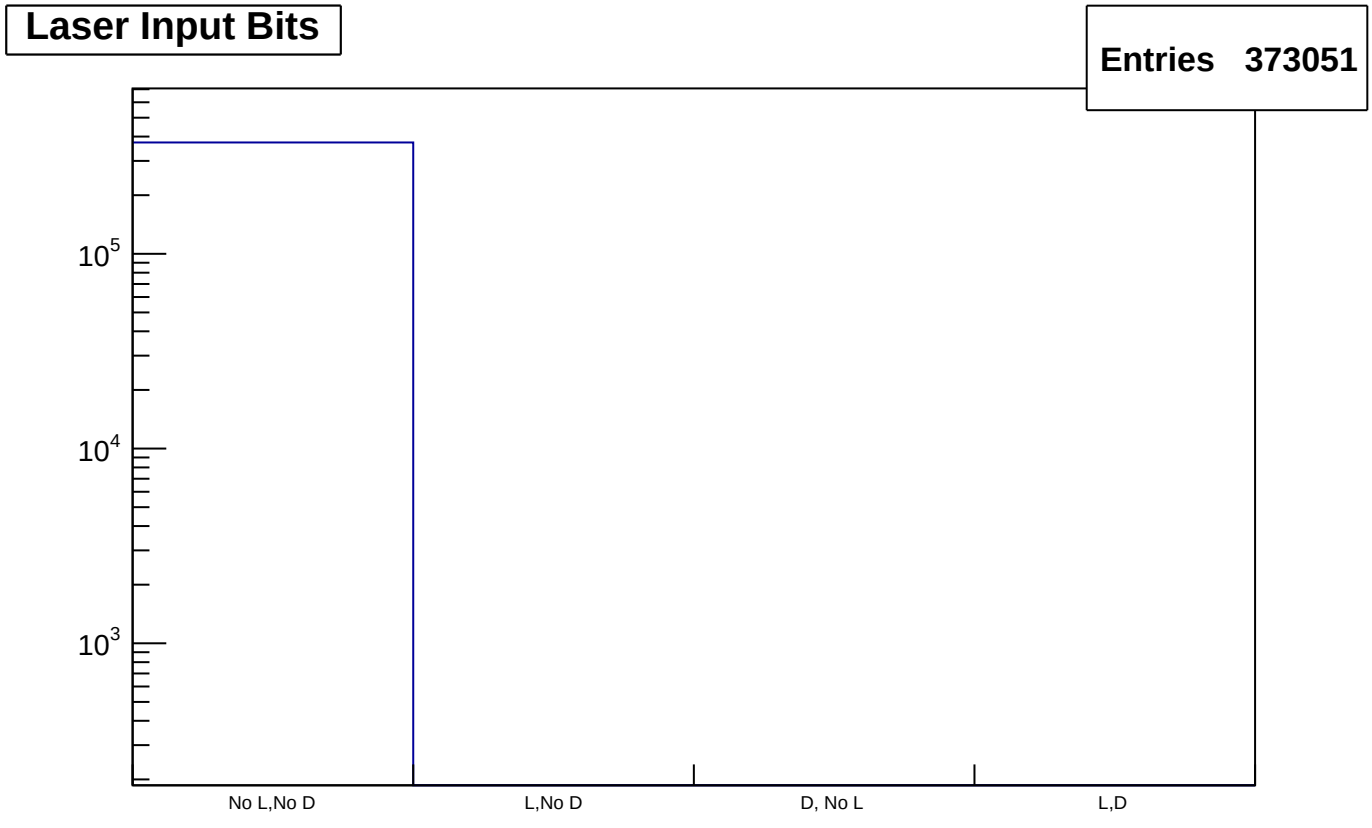

Entries 373051
TOF-Mult
VPD-West ADC Sum

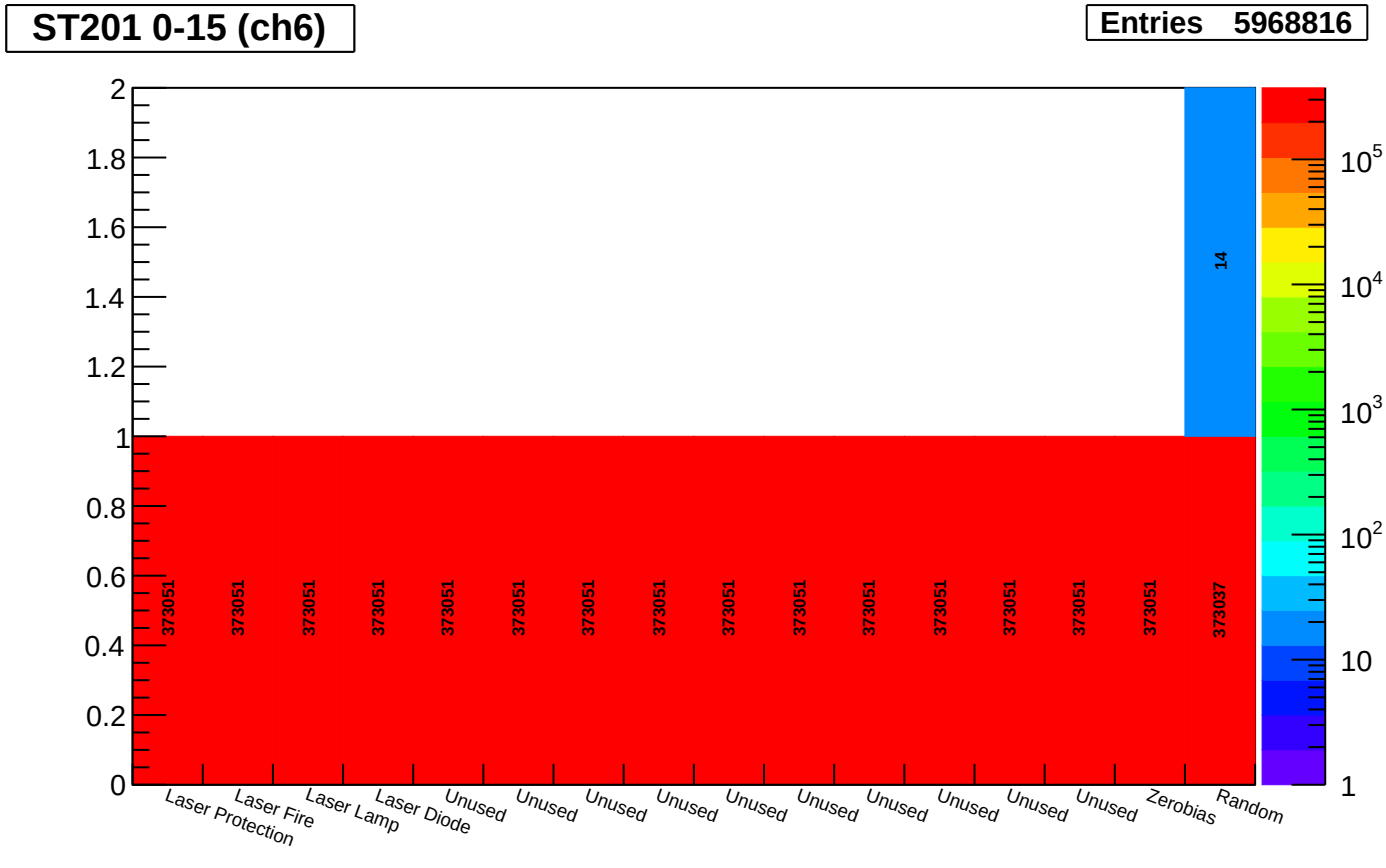

Entries 373051
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

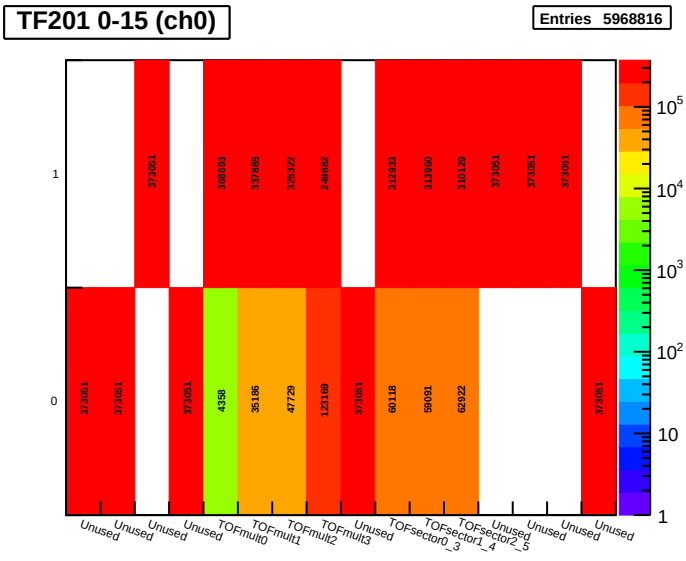

Entries 373051
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

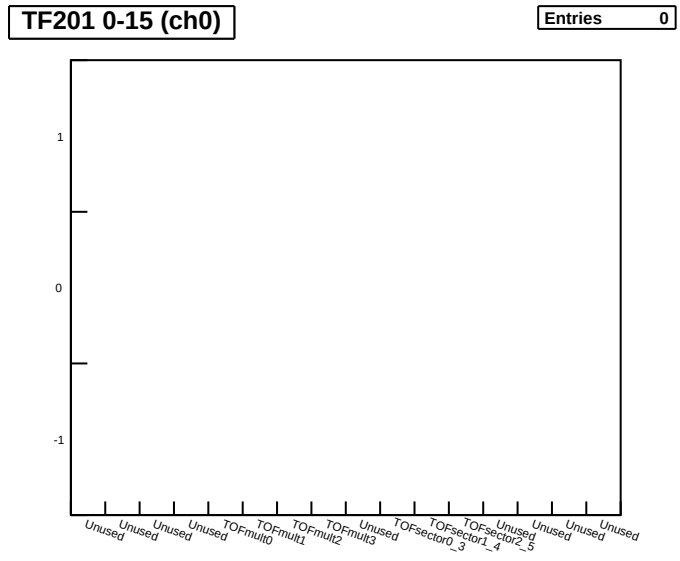

Entries 373051
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
BBC-S TAC Diff
1
10^{-1}
10^{-2}

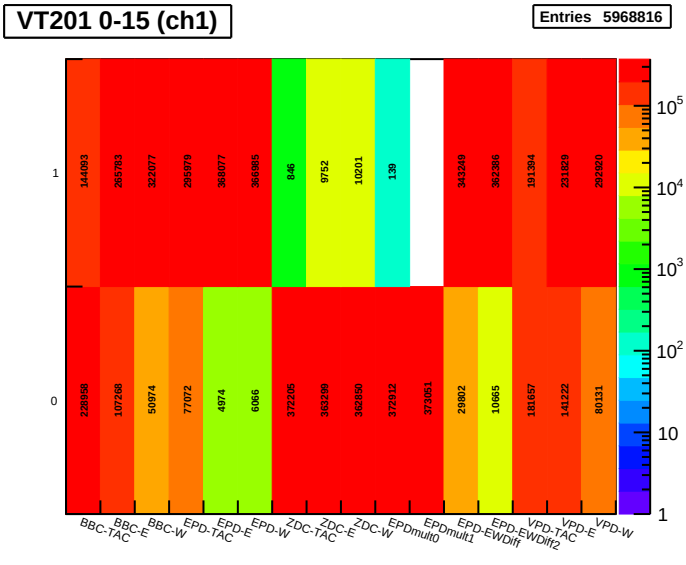

Entries 373051
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

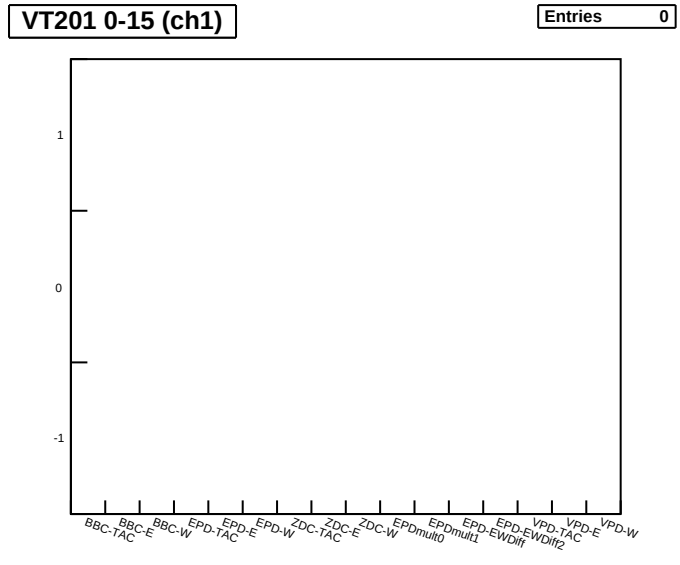

Laser Input Bits
Entries 373051
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

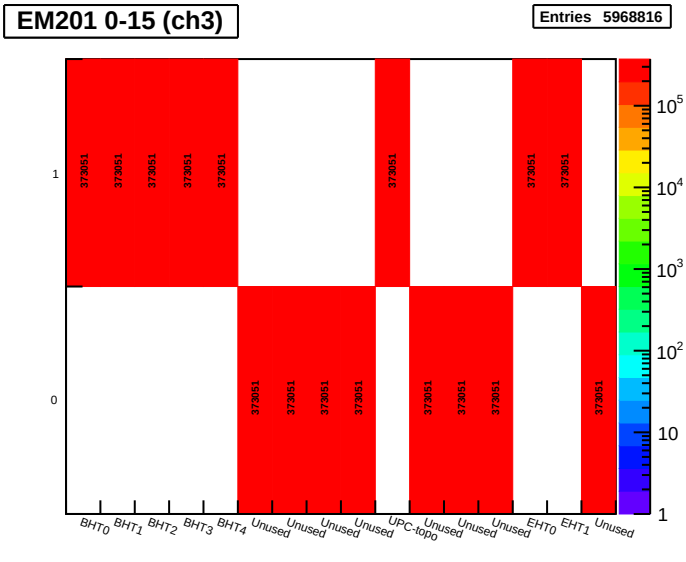

ST201 0-15 (ch6)
Entries 5968816
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
14
373051
373051
373051
373051
373051
373051
373051
373051
373051
373051
373051
373051
373051
373051
373051
373037
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

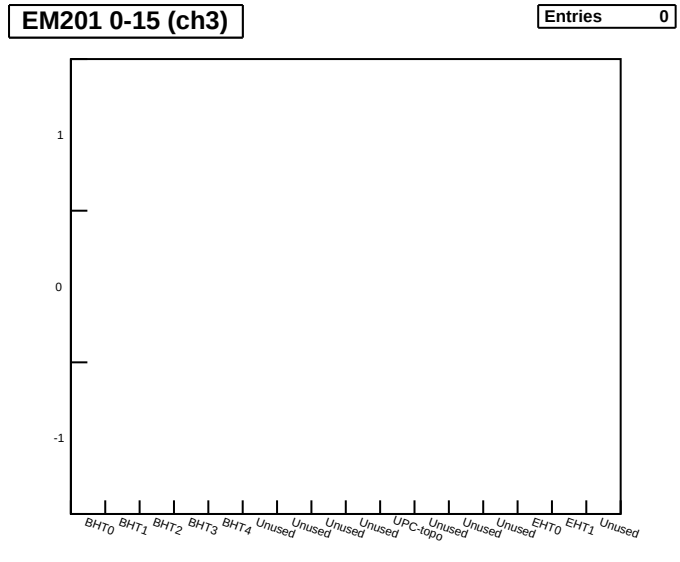

TF201 0-15 (ch0)
Entries 5968816
1
0
373051
308693
337865
325322
249882
312933
313960
310129
373051
373051
373051
373051
373051
373051
4358
35186
47729
123169
60118
59091
62922
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 5968816
1
0
144093
265783
322077
295979
368077
366985
846
9752
10201
139
343249
362386
191394
231829
292920
228958
107268
50974
77072
4974
6066
372205
363299
362850
372912
373051
29802
10665
181657
141222
80131
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 5968816
1
0
373051
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