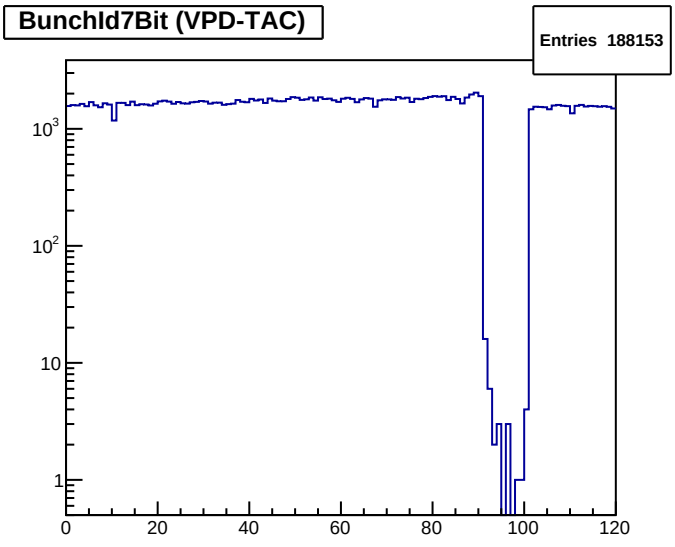
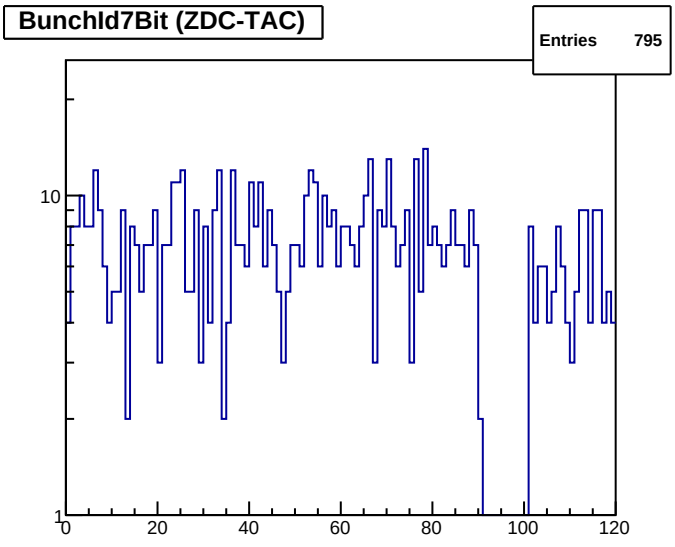
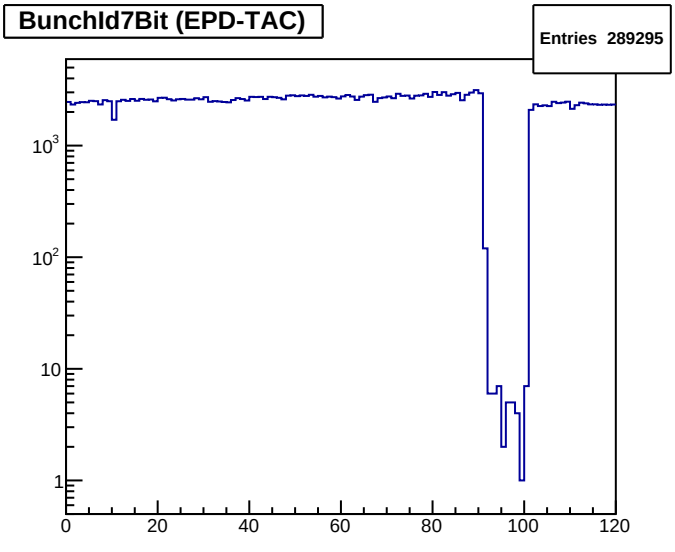
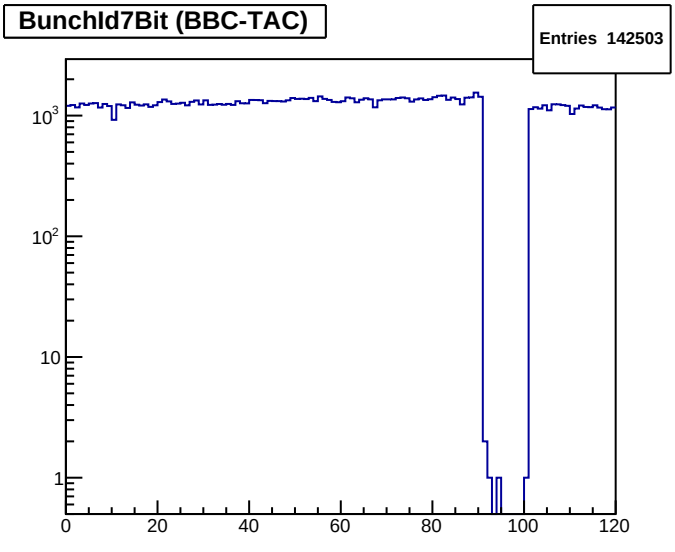
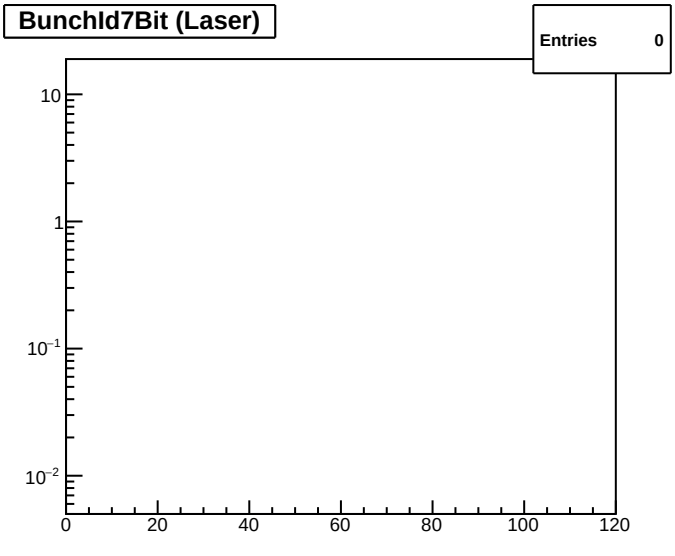
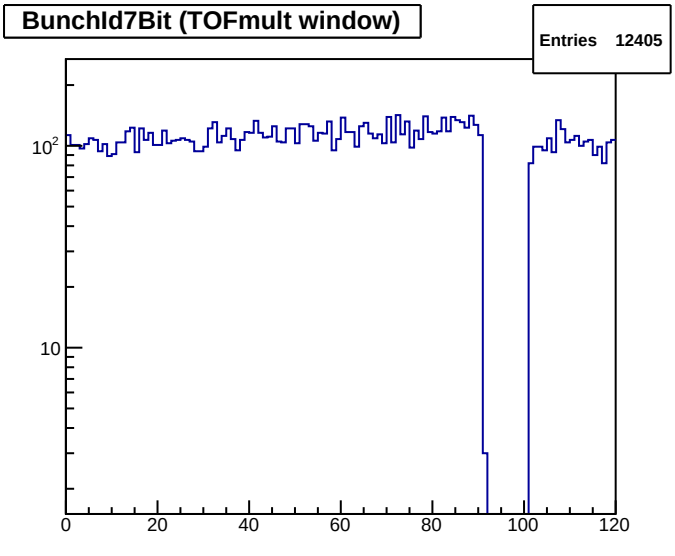

BunchId7Bit (VPD-TAC)
Entries 188153

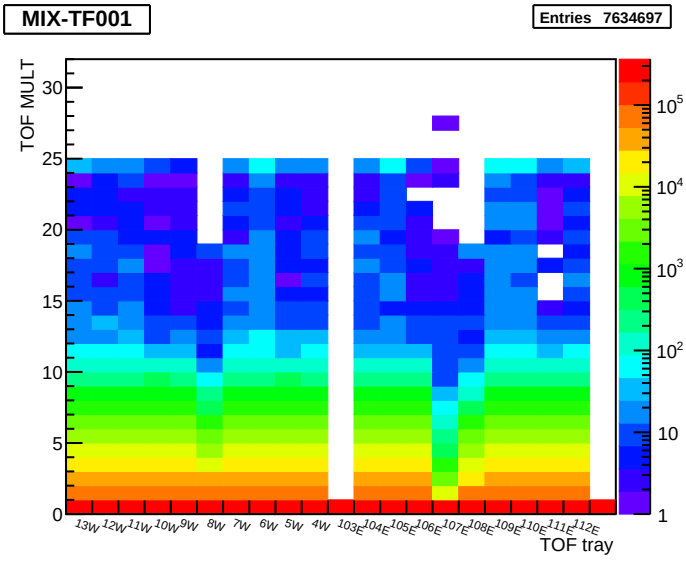

BunchId7Bit (ZDC-TAC)
Entries 795

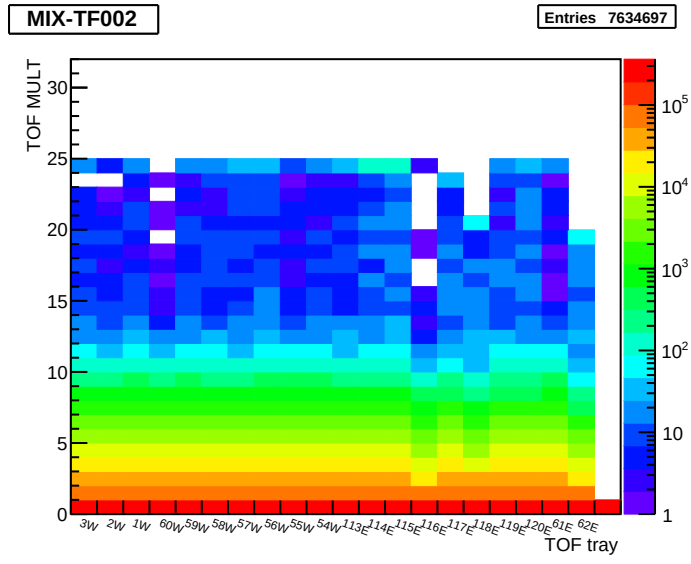

BunchId7Bit (EPD-TAC)
Entries 289295

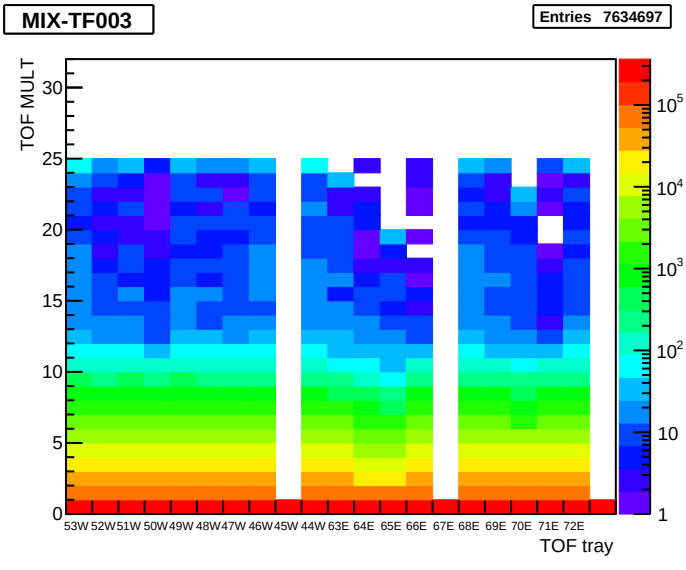

BunchId7Bit (BBC-TAC)
Entries 142503

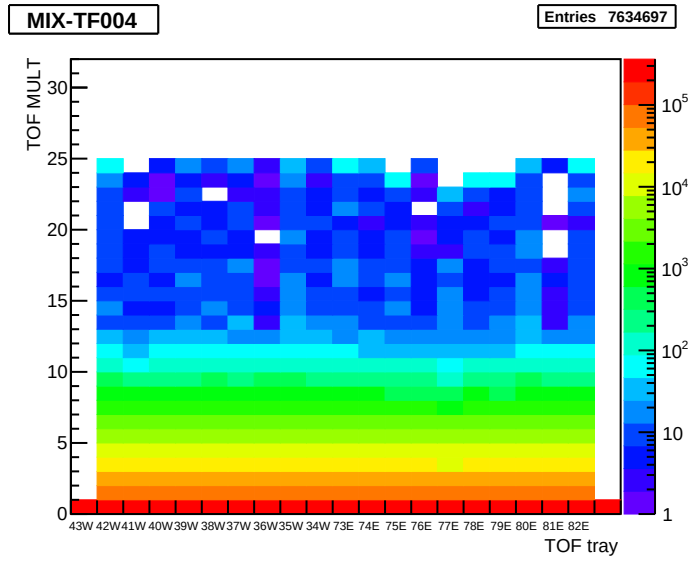

BunchId7Bit (Laser)
Entries 0

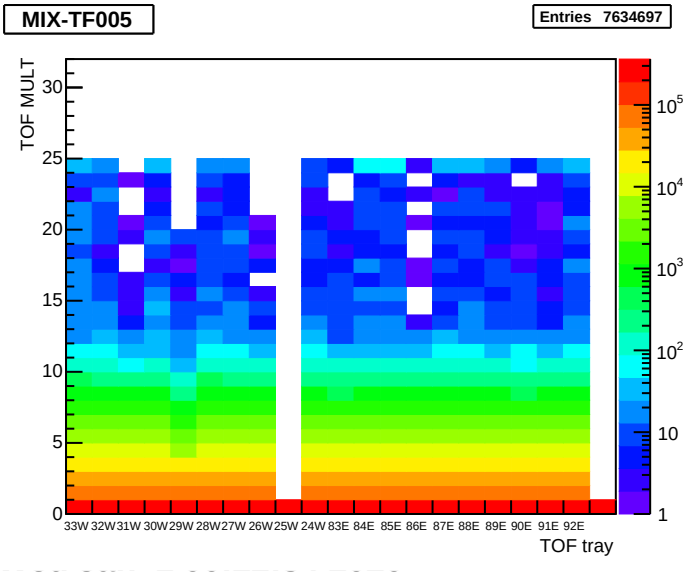

BunchId7Bit (TOFmult window)
Entries 12405

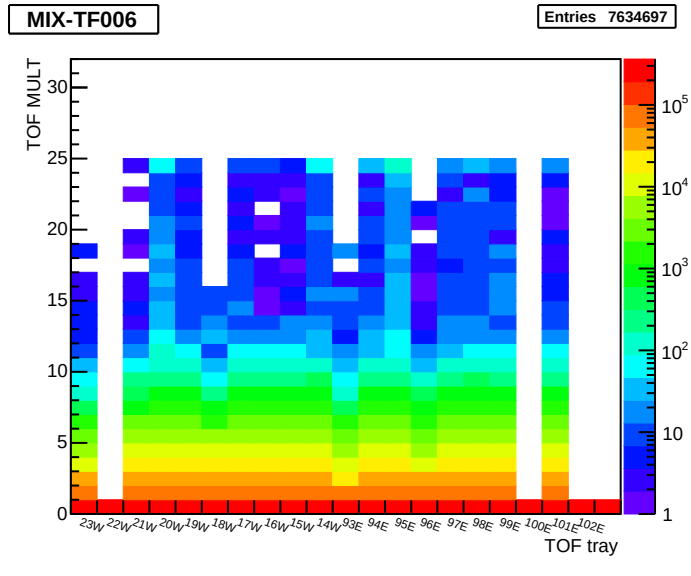

MIX-TF001
Entries 7634697
TOF MULT
TOF tray

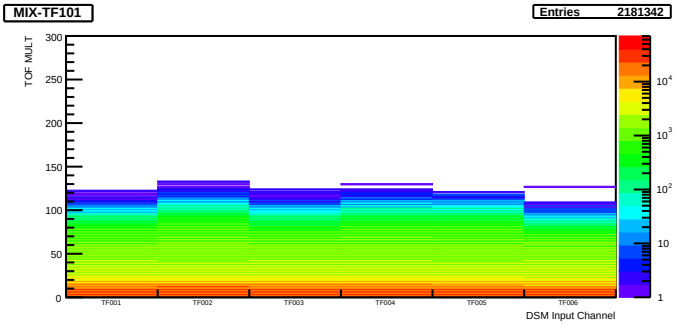

MIX-TF002
Entries 7634697
TOF MULT
TOF tray

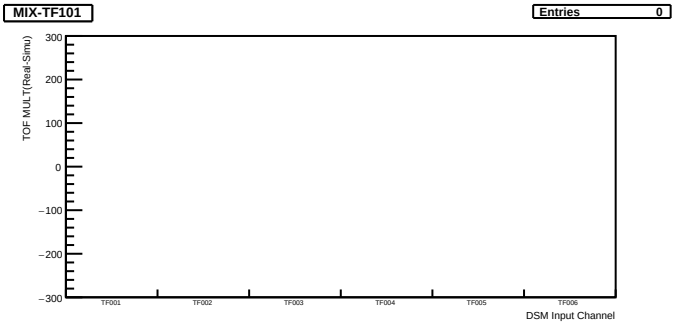

MIX-TF003
Entries 7634697
TOF MULT
TOF tray

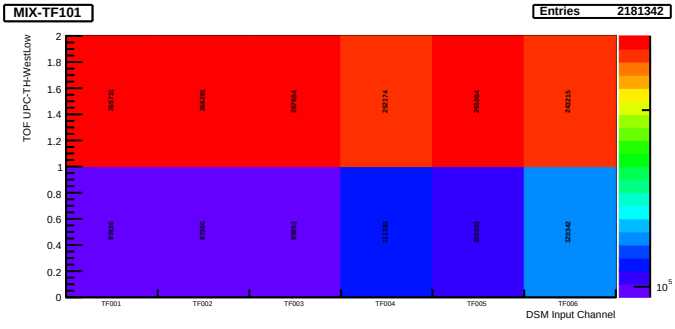

MIX-TF004
Entries 7634697
TOF MULT
TOF tray

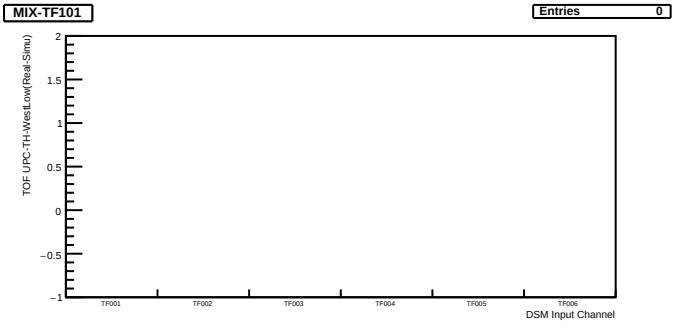

MIX-TF005
Entries 7634697
TOF MULT
TOF tray

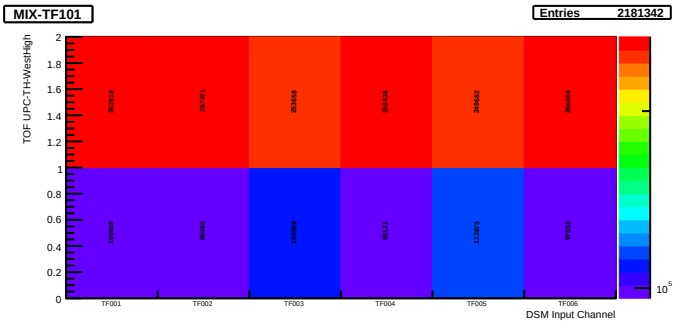

MIX-TF006
Entries 7634697
TOF MULT
TOF tray

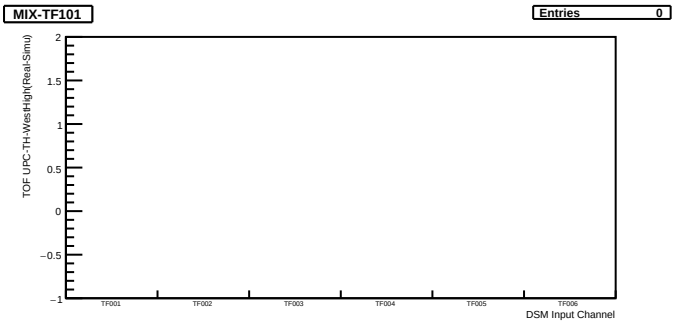

MIX-TF101
Entries 2181342
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

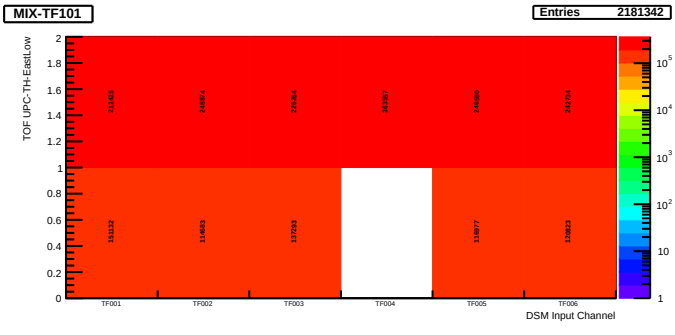

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

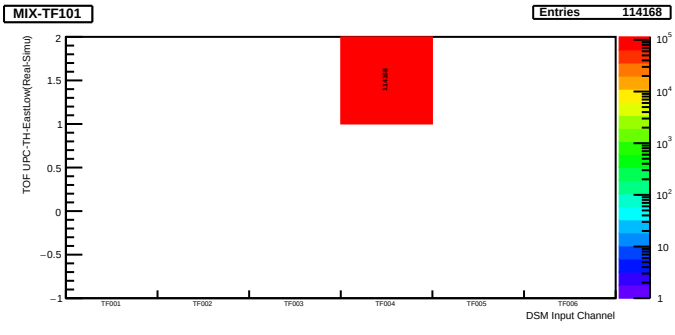

MIX-TF101
Entries 2181342
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

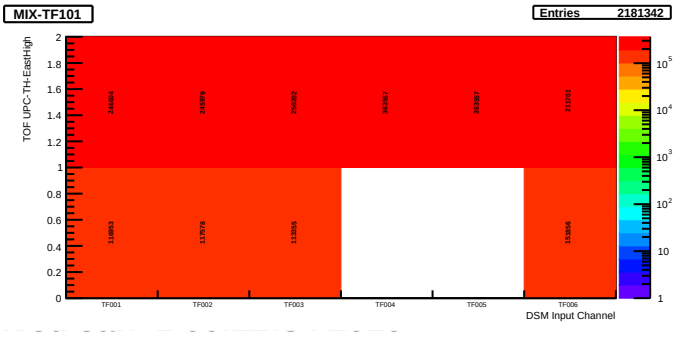

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

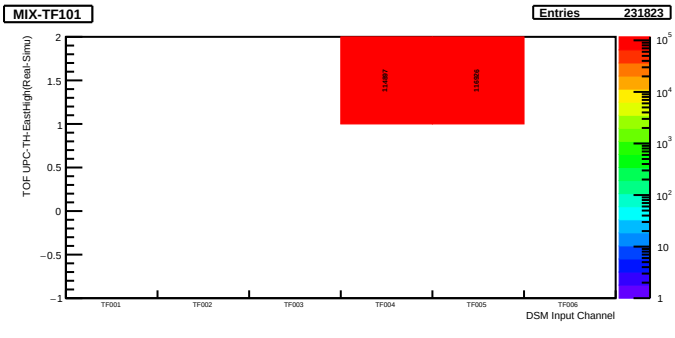

MIX-TF101
Entries 2181342
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

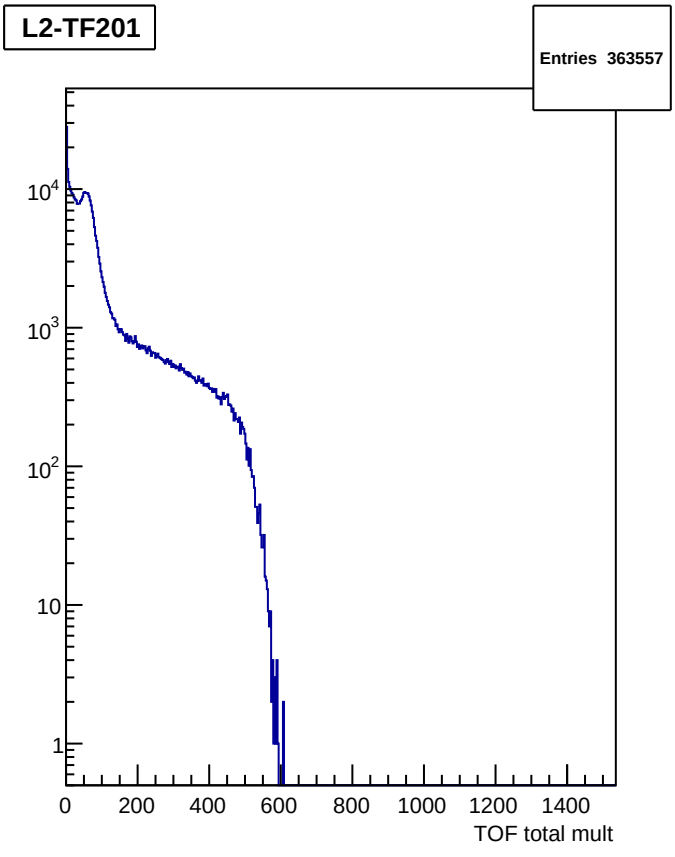

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

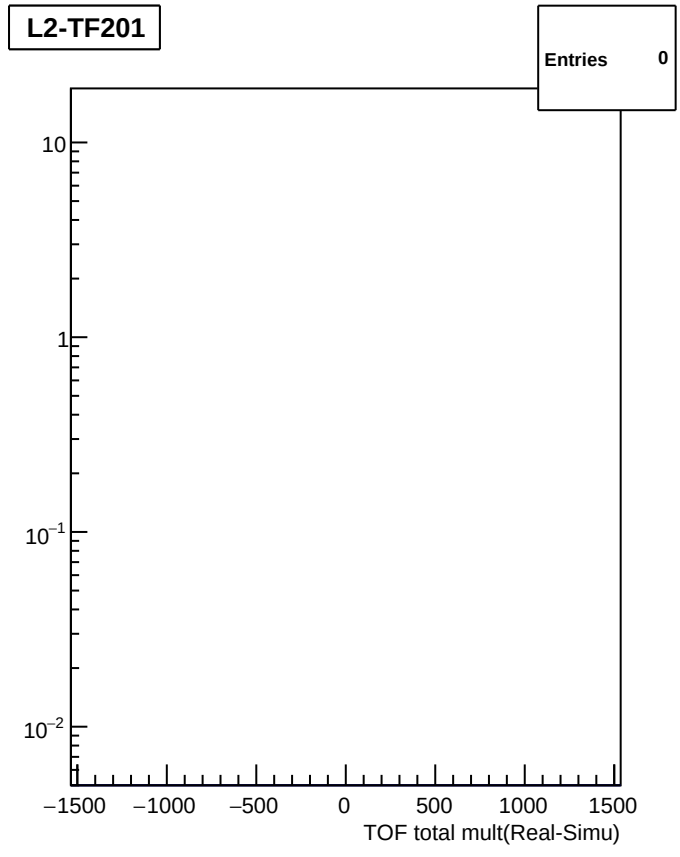

MIX-TF101
Entries 2181342
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

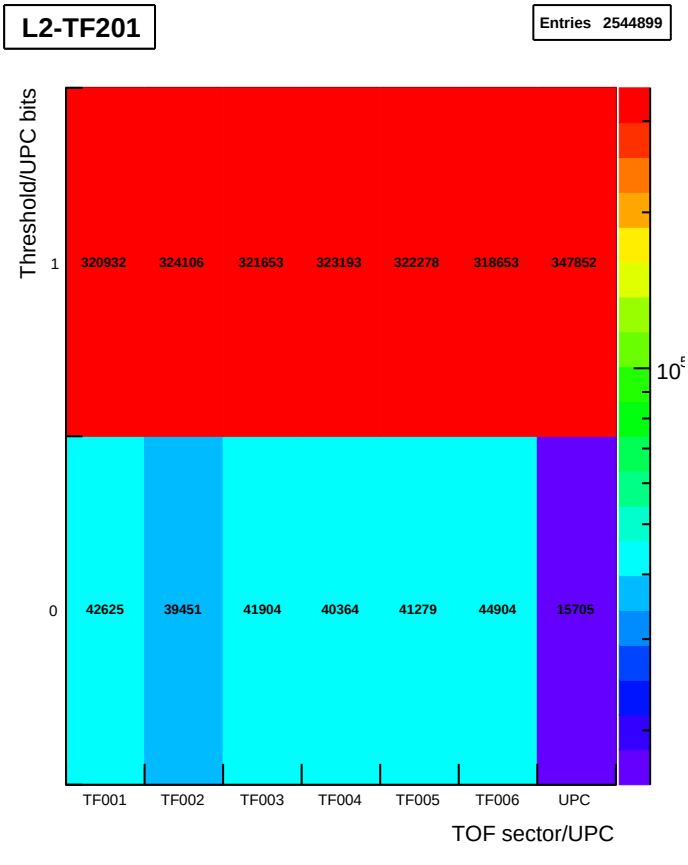

MIX-TF101
Entries 114168
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

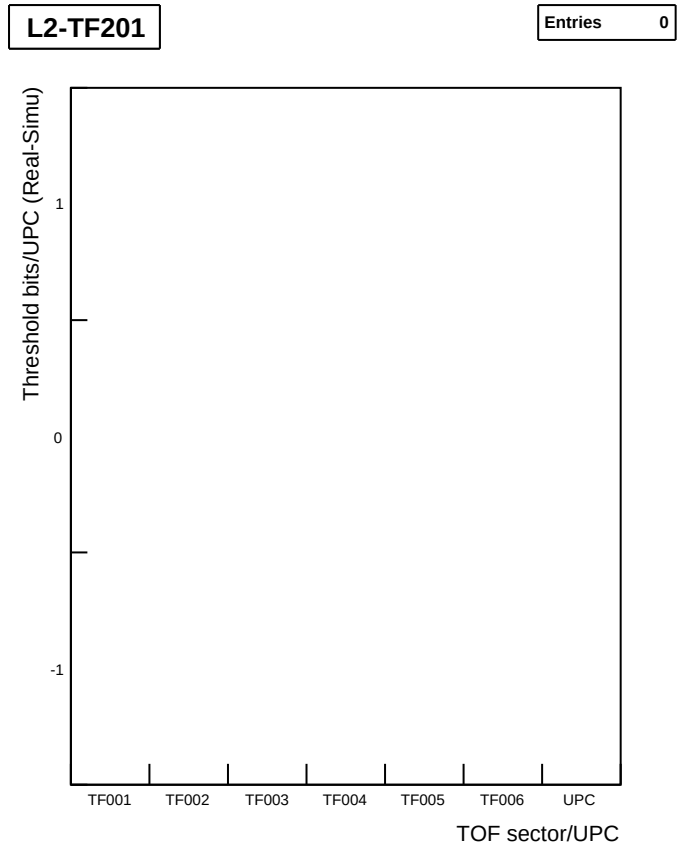

MIX-TF101
Entries 2181342
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

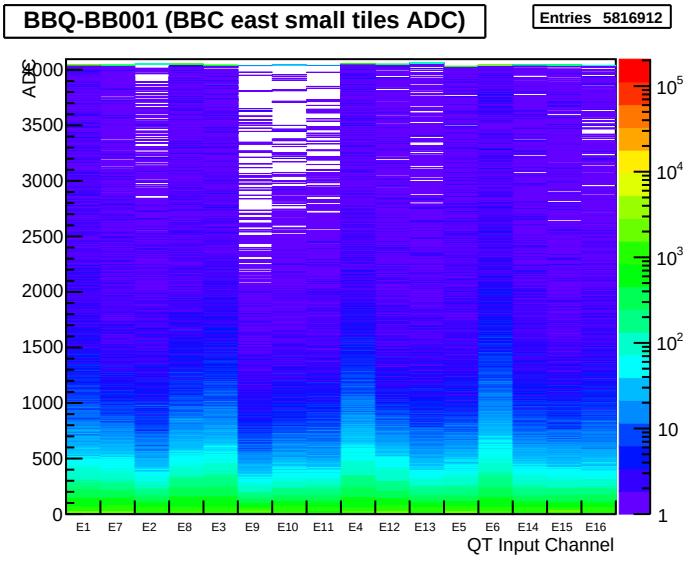

MIX-TF101
Entries 231823
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

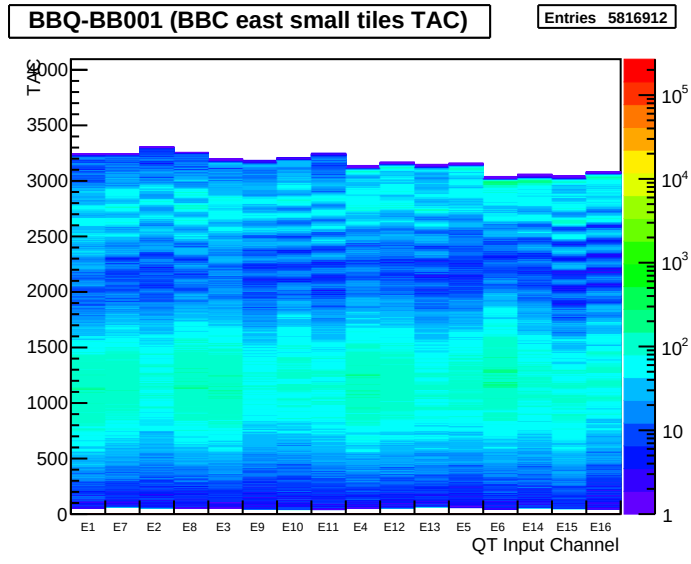

L2-TF201
Entries 363557
10^4
10^3
10^2
10
1
0
200
400
600
800
1000
1200
1400
TOF total mult

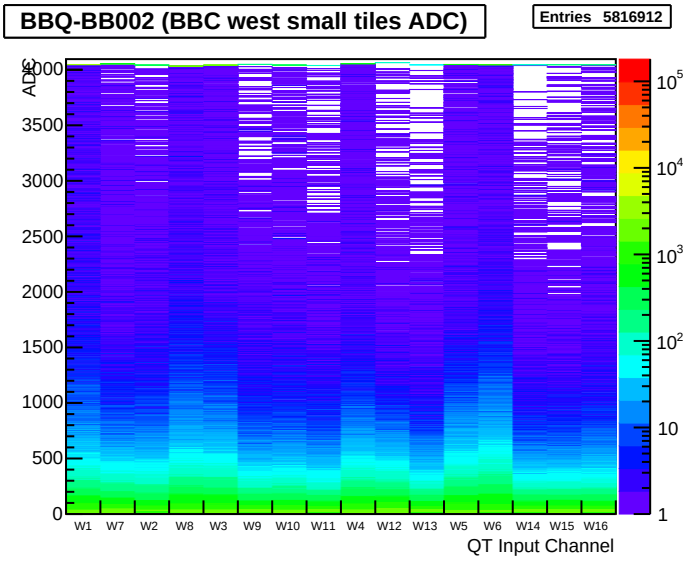

L2-TF201
Entries 0
10
1
10^{-1}
10^{-2}
−1500
−1000
−500
0
500
1000
1500
TOF total mult(Real-Simu)

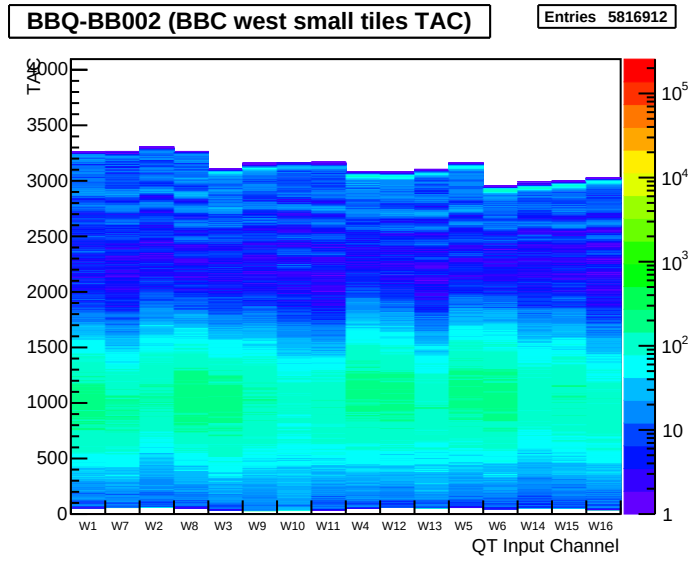

L2-TF201
Entries 2544899
Threshold/UPC bits
1
0
320932
324106
321653
323193
322278
318653
347852
42625
39451
41904
40364
41279
44904
15705
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

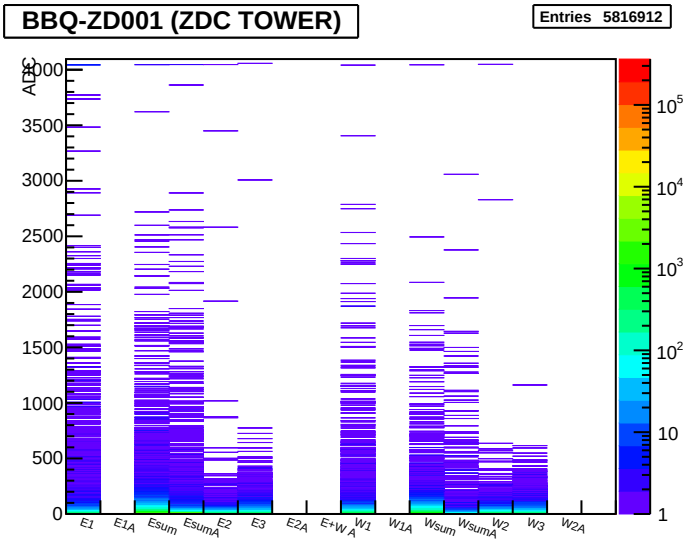

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
1
0
-1
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

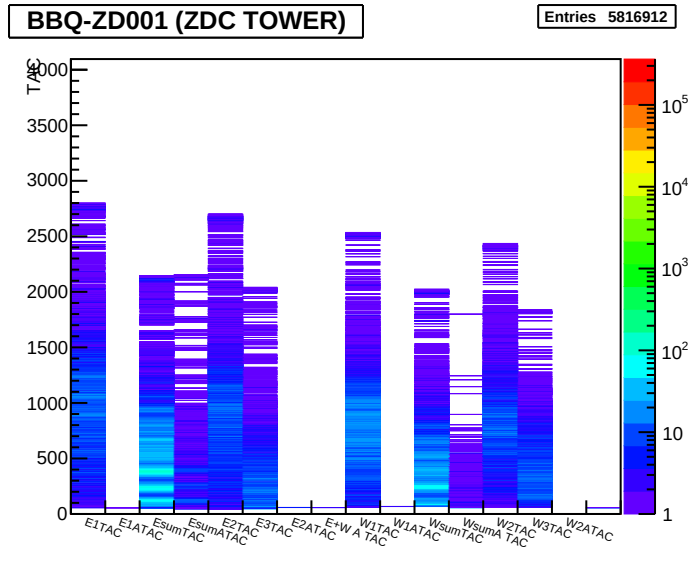

BBQ-BB001 (BBC east small tiles ADC)
Entries 5816912
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

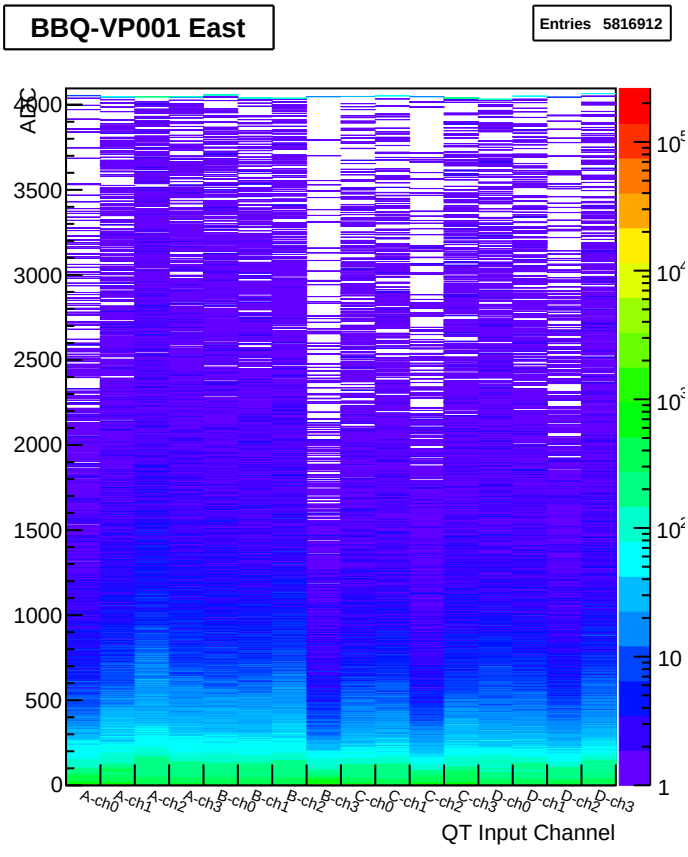

BBQ-BB001 (BBC east small tiles TAC)
Entries 5816912
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

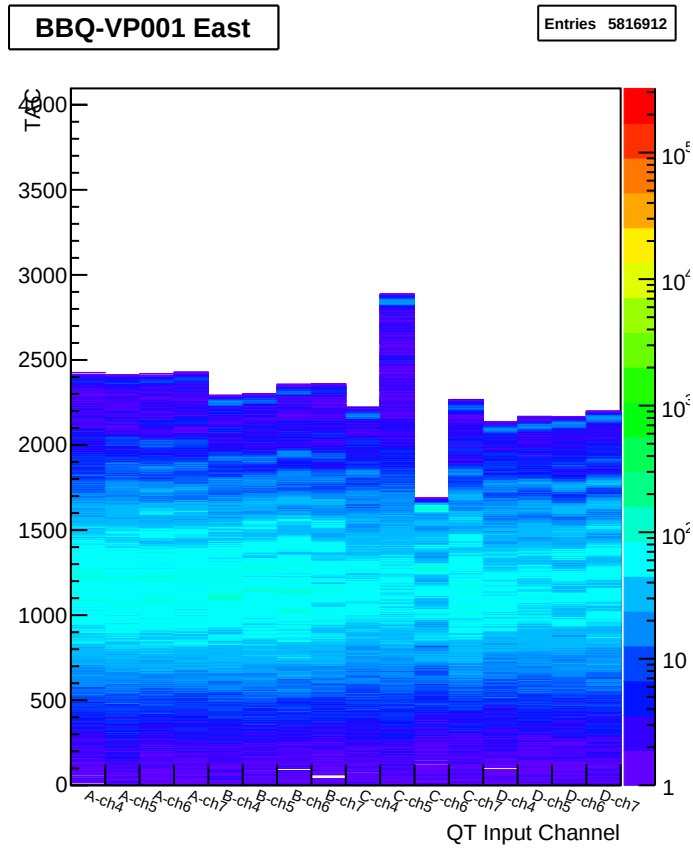

BBQ-BB002 (BBC west small tiles ADC)
Entries 5816912
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

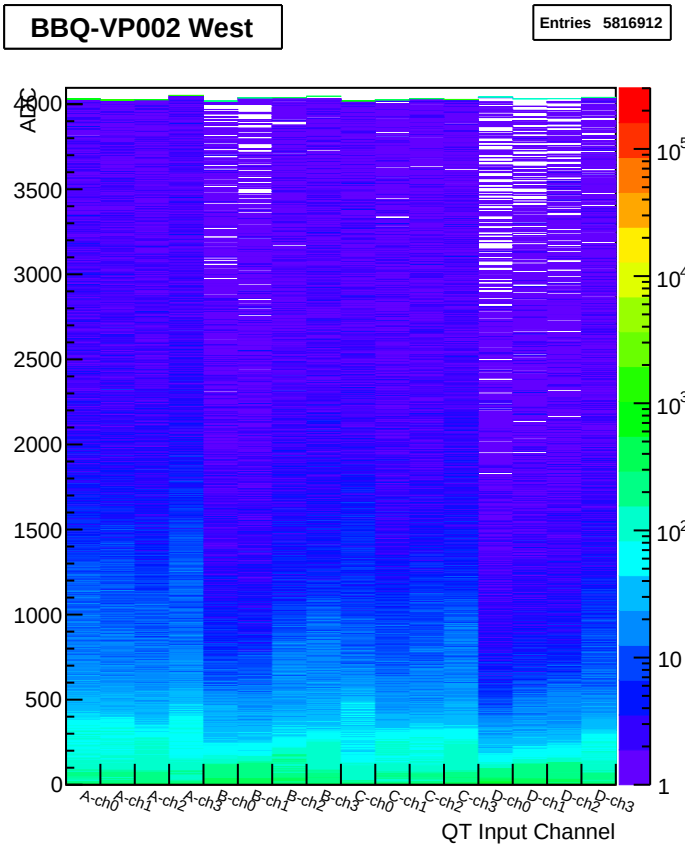

BBQ-BB002 (BBC west small tiles TAC)
Entries 5816912
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

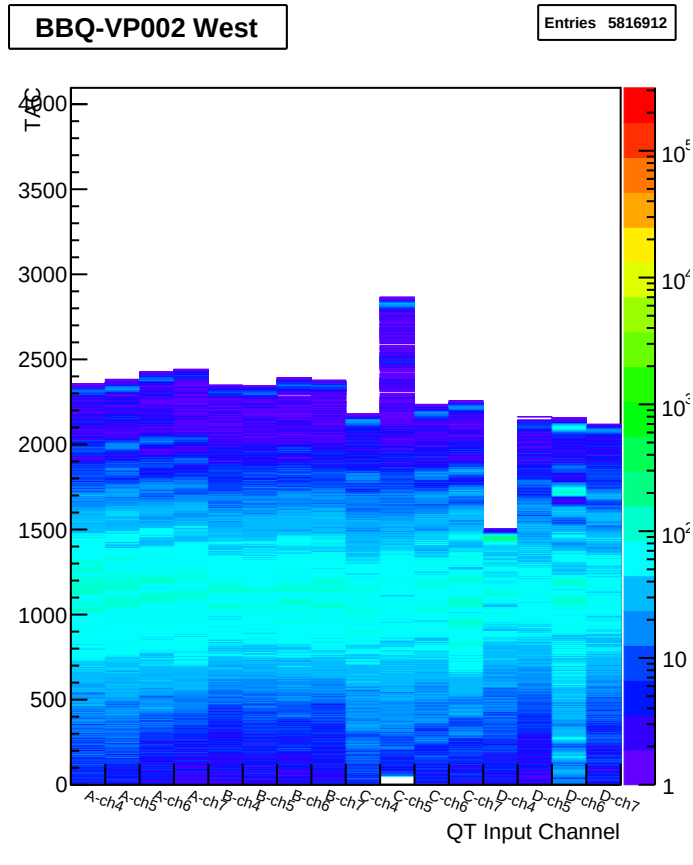

BBQ-ZD001 (ZDC TOWER)
Entries 5816912
ADC
E1 E1A Esum EsumA E2 E3 E2A E+W A W1 W1A Wsum WsumA W2 W3 W2A

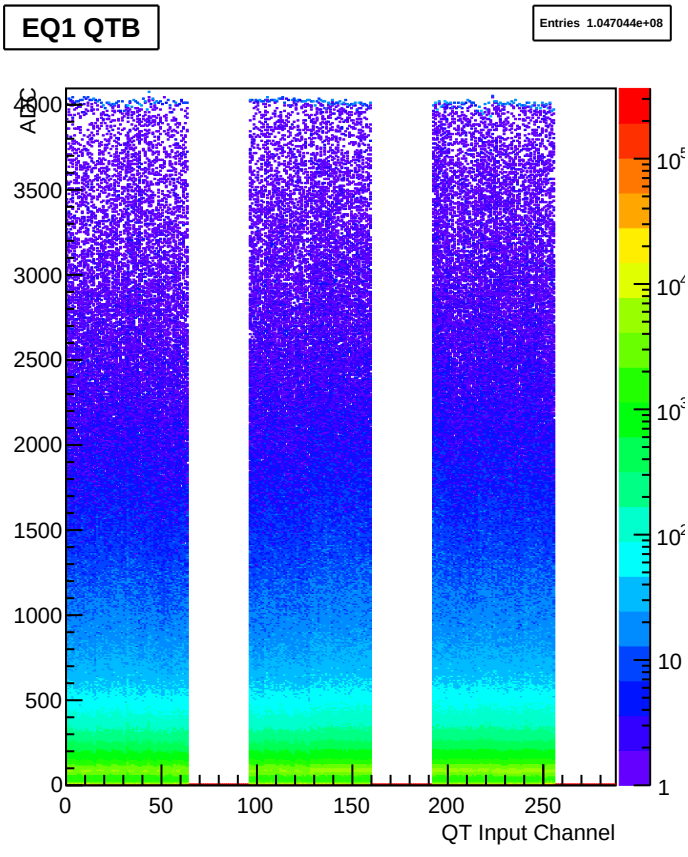

BBQ-ZD001 (ZDC TOWER)
Entries 5816912
TAC
E1TAC E1ATAC EsumTAC EsumATAC E2TAC E3TAC E2ATAC E+W A TAC W1TAC W1ATAC WsumTAC WsumA TAC W2TAC W3TAC W2ATAC

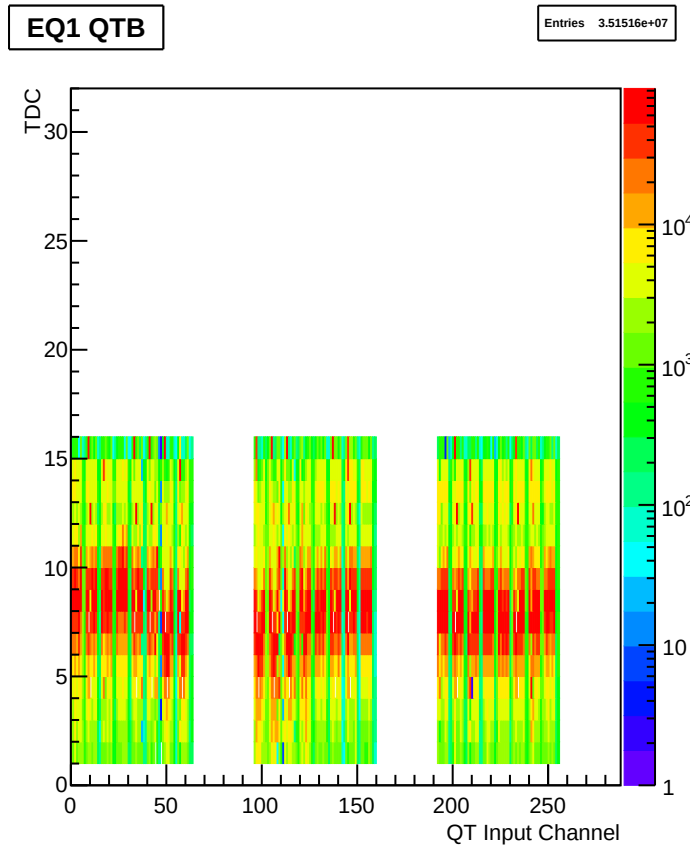

BBQ-VP001 East
Entries 5816912
ADC
QT Input Channel

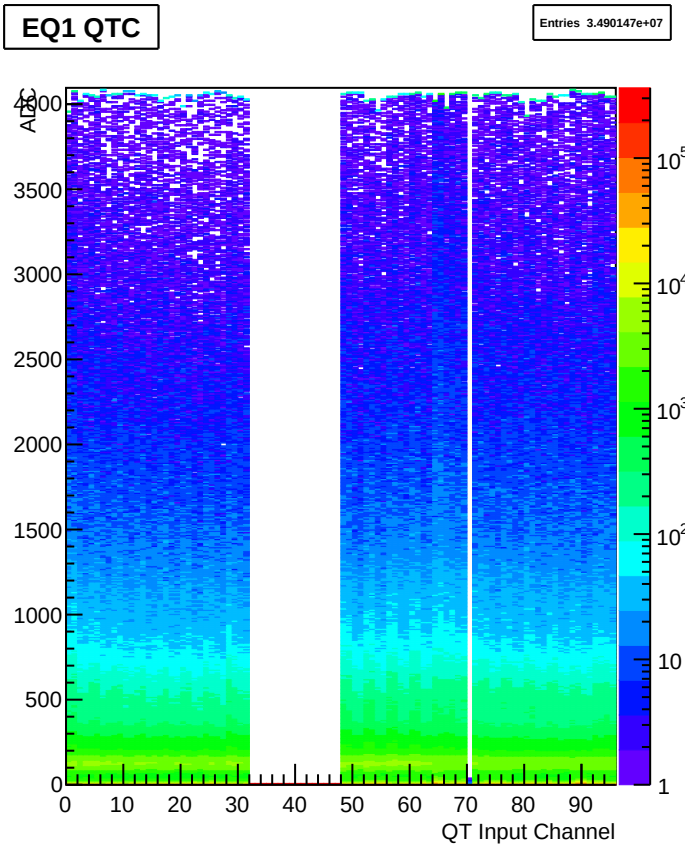

BBQ-VP001 East
Entries 5816912
ADC
QT Input Channel

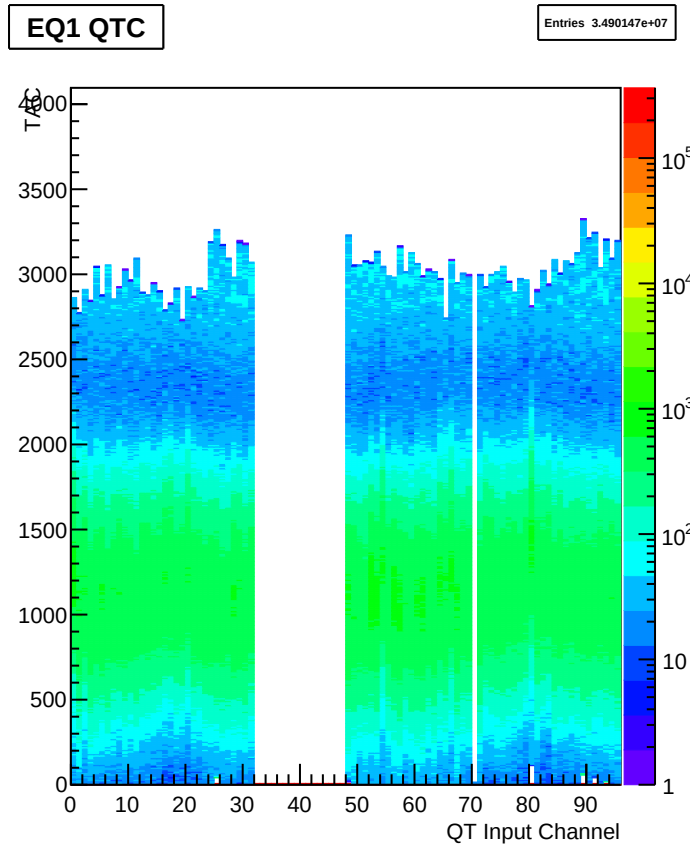

BBQ-VP002 West
Entries 5816912
ADC
QT Input Channel

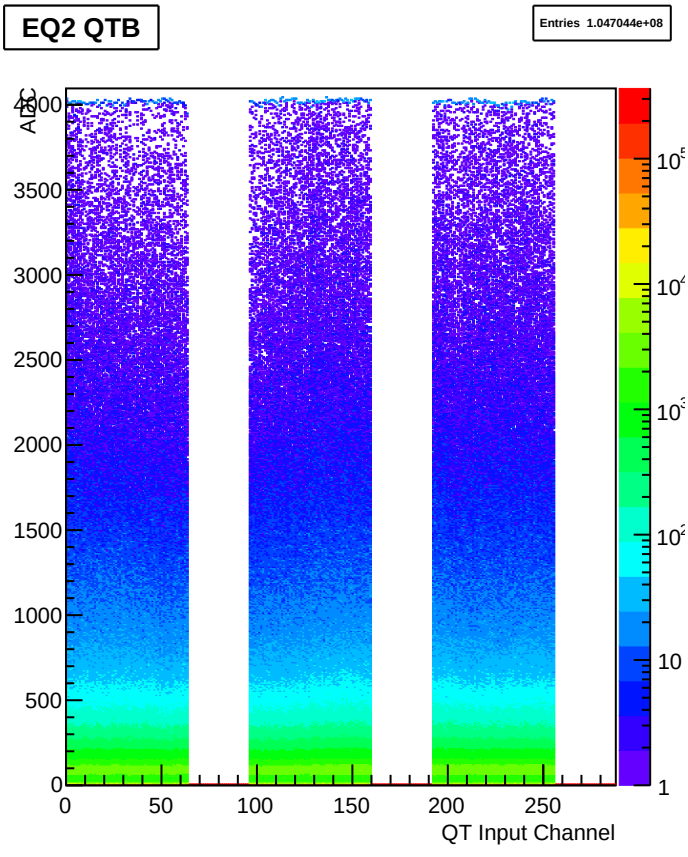

BBQ-VP002 West
Entries 5816912
ADC
QT Input Channel

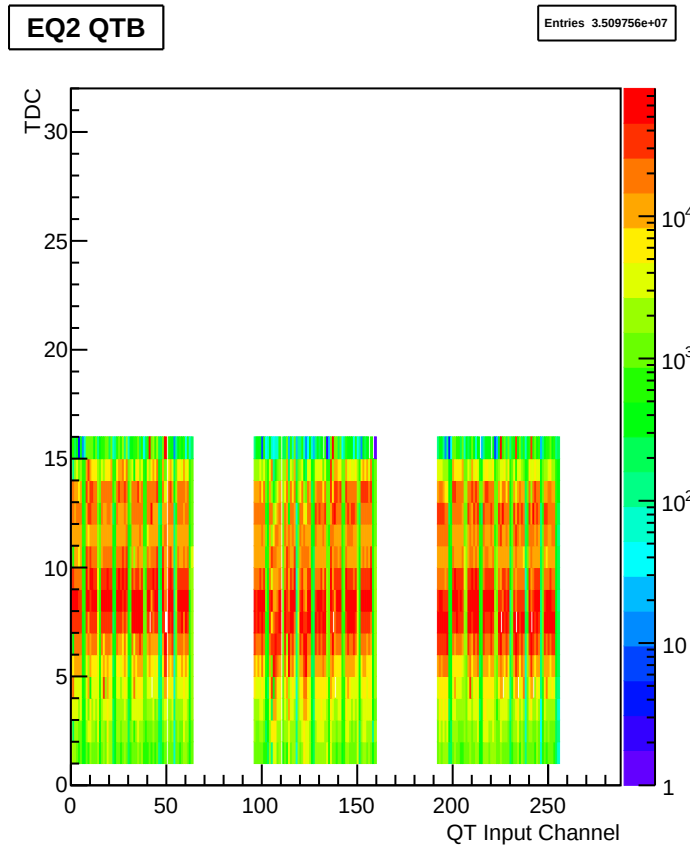

EQ1 QTB
Entries 1.047044e+08
ADC
QT Input Channel

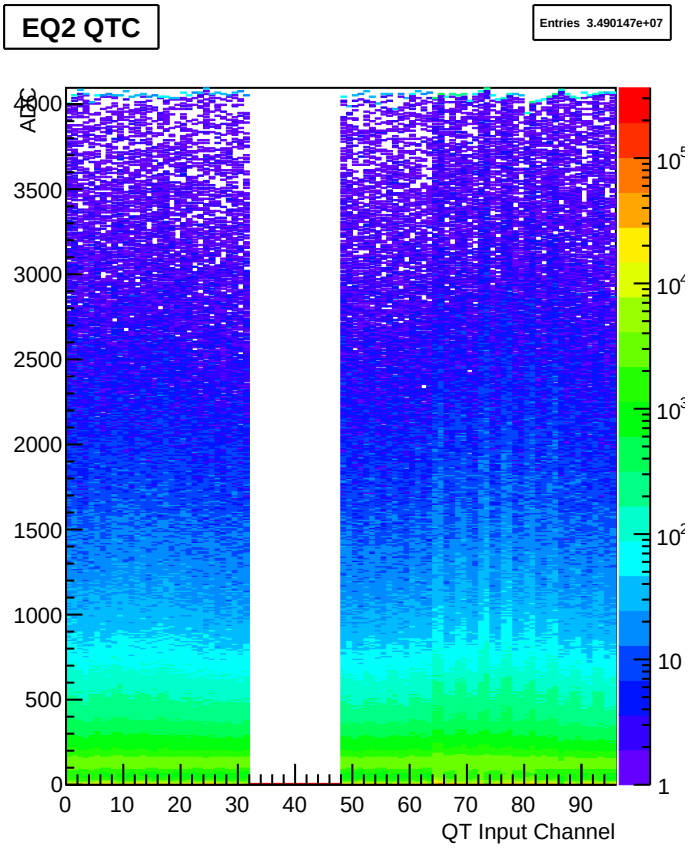

EQ1 QTB
Entries 3.51516e+07
TDC
QT Input Channel

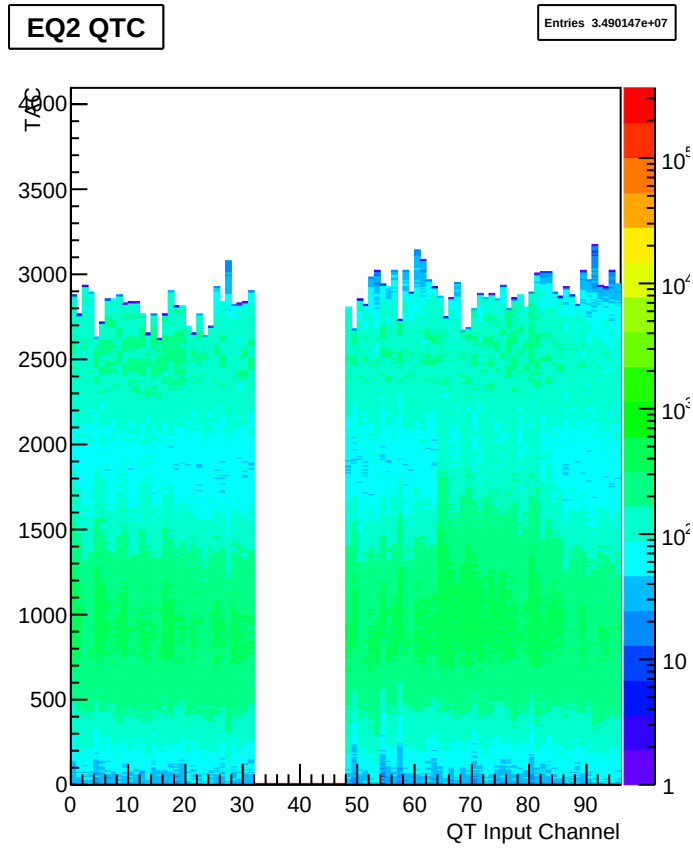

EQ1 QTC
Entries 3.490147e+07
ADC
QT Input Channel

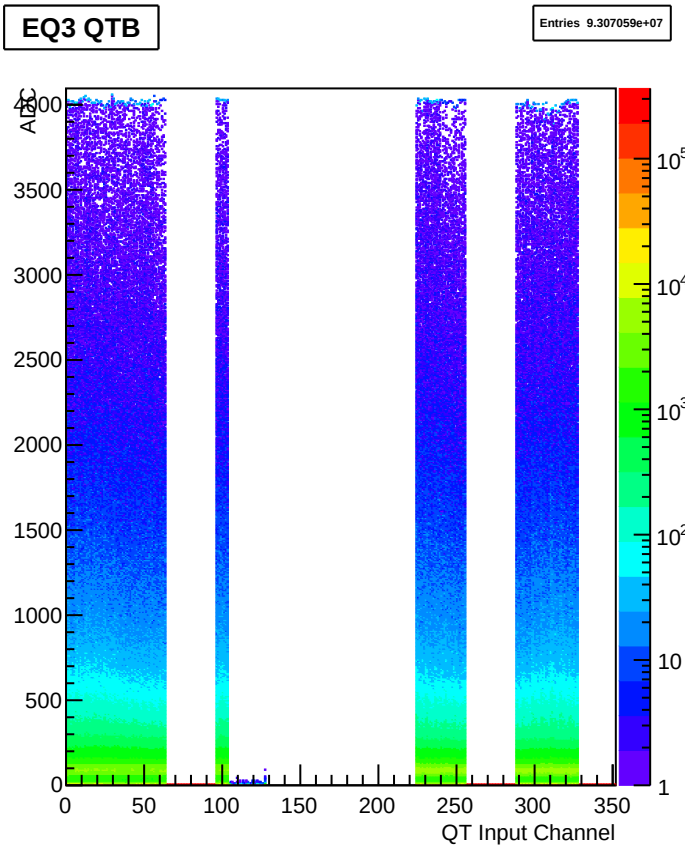

EQ1 QTC
Entries 3.490147e+07
TADC
QT Input Channel

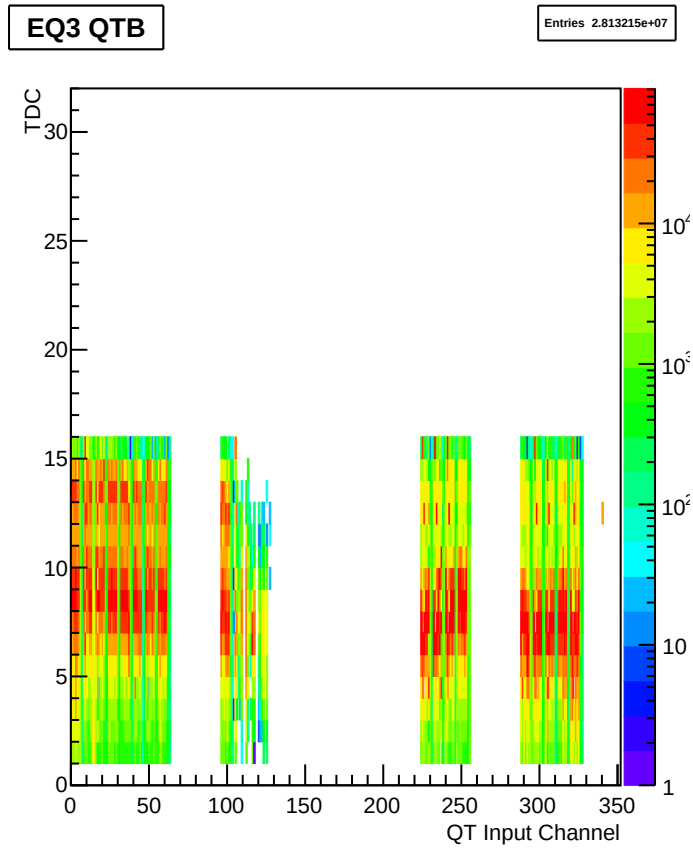

EQ2 QTB
Entries 1.047044e+08
ADC
QT Input Channel

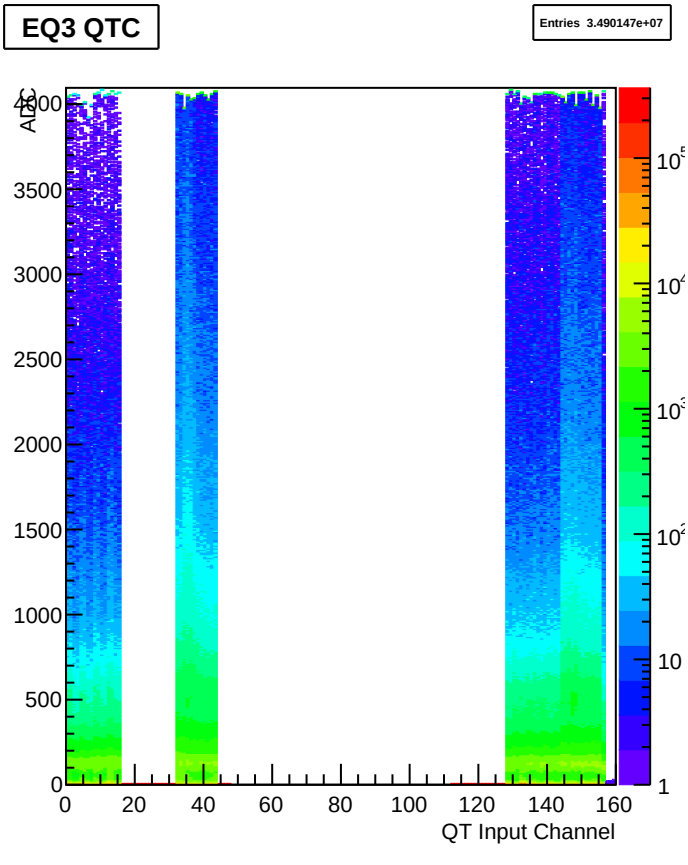

EQ2 QTB
Entries 3.509756e+07
TDC
QT Input Channel

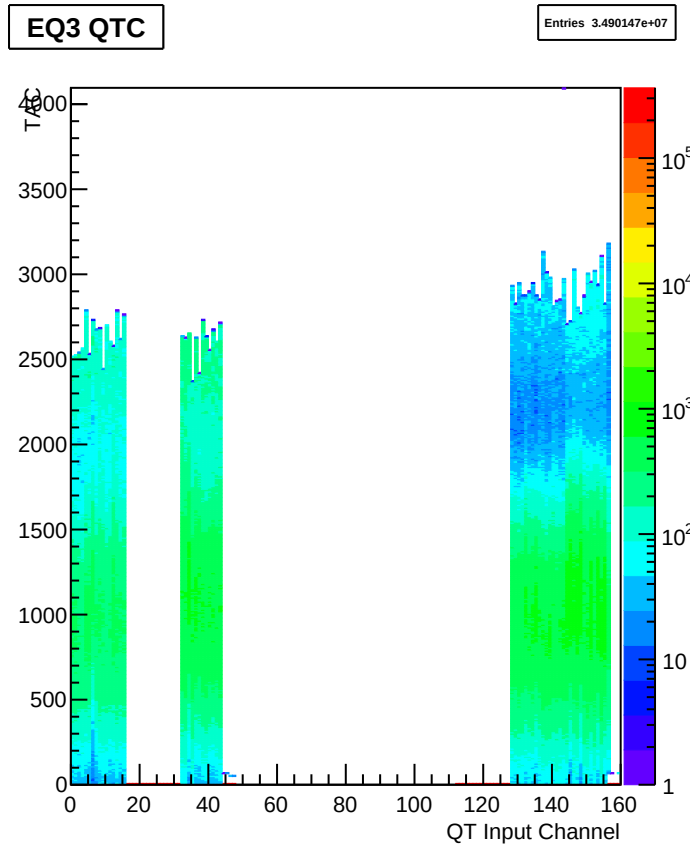

EQ2 QTC
Entries 3.490147e+07
ADC
QT Input Channel

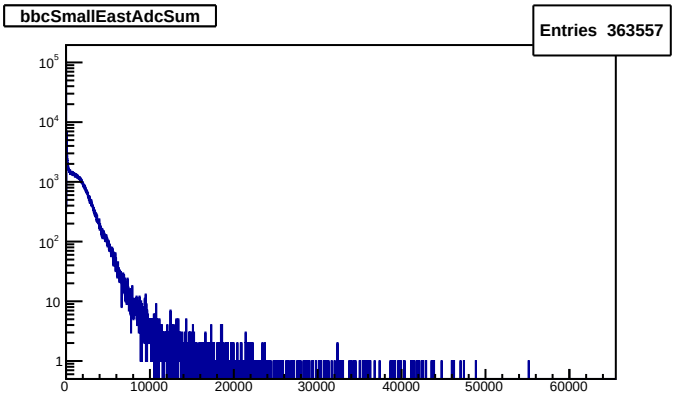

EQ2 QTC
Entries 3.490147e+07
TADC
QT Input Channel

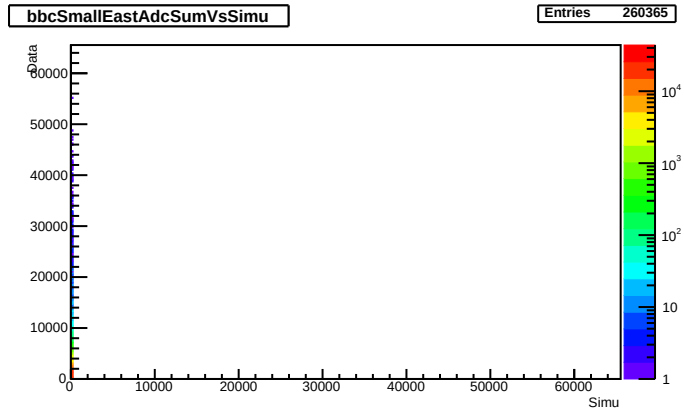

EQ3 QTB
Entries 9.307059e+07
ADC
QT Input Channel

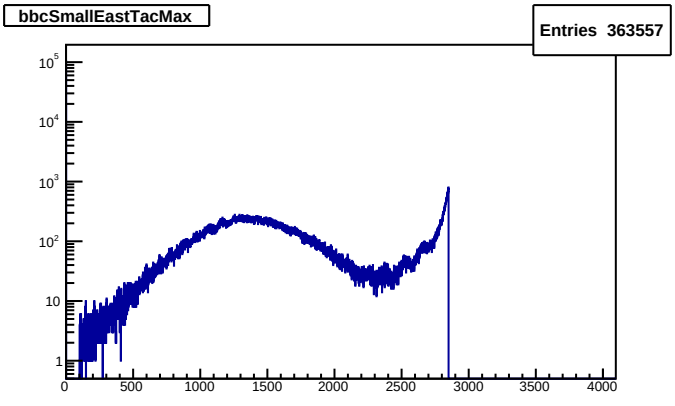

EQ3 QTB
Entries 2.813215e+07
TDC
QT Input Channel

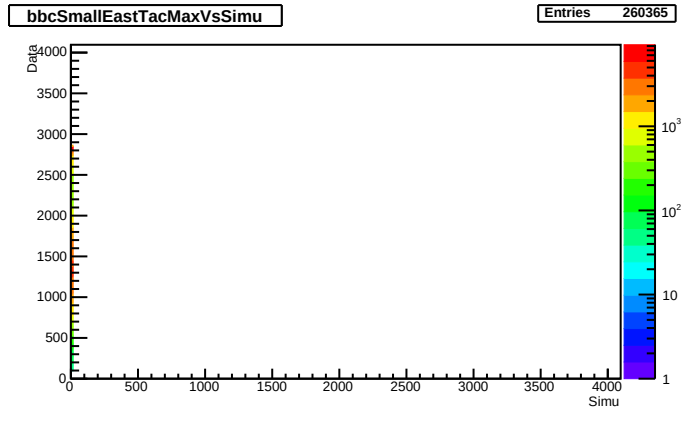

EQ3 QTC
Entries 3.490147e+07
ADC
QT Input Channel

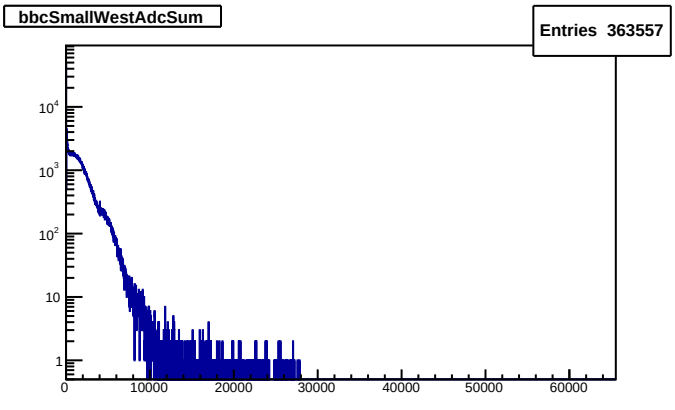

EQ3 QTC
Entries 3.490147e+07
TADC
QT Input Channel

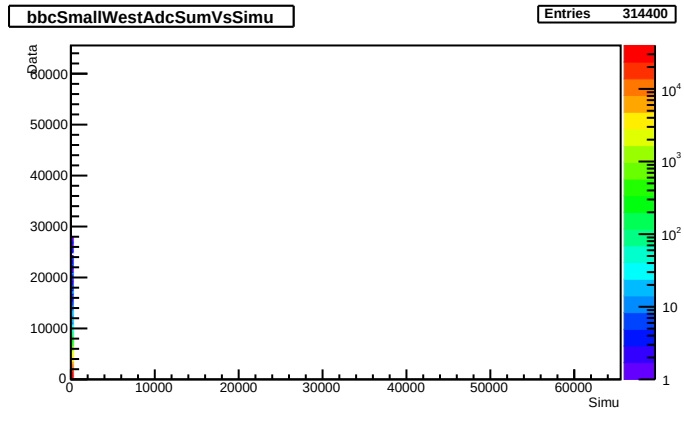

bbcSmallEastAdcSum
Entries 363557


bbcSmallEastAdcSumVsSimu
Entries 260365
Data
Simu


bbcSmallEastTacMax
Entries 363557


bbcSmallEastTacMaxVsSimu
Entries 260365
Data
Simu


bbcSmallWestAdcSum
Entries 363557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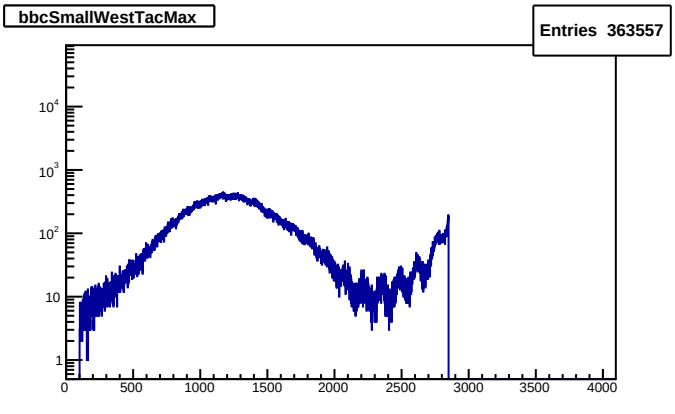
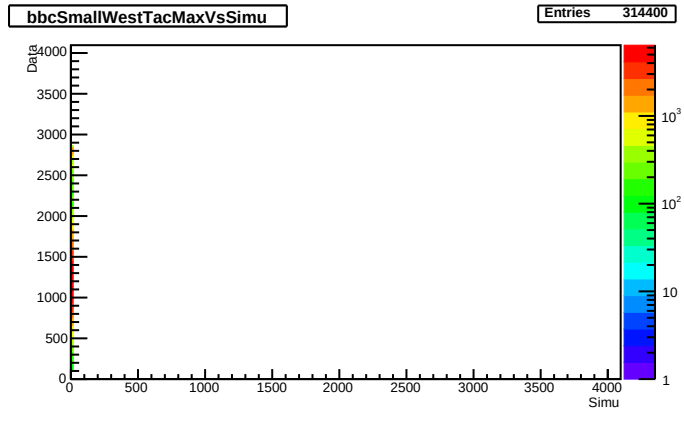
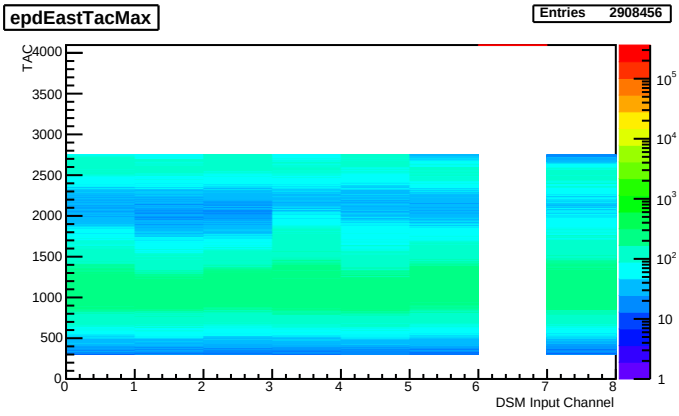
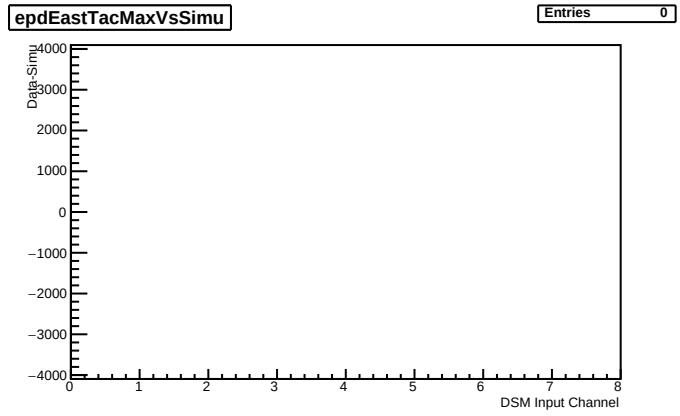
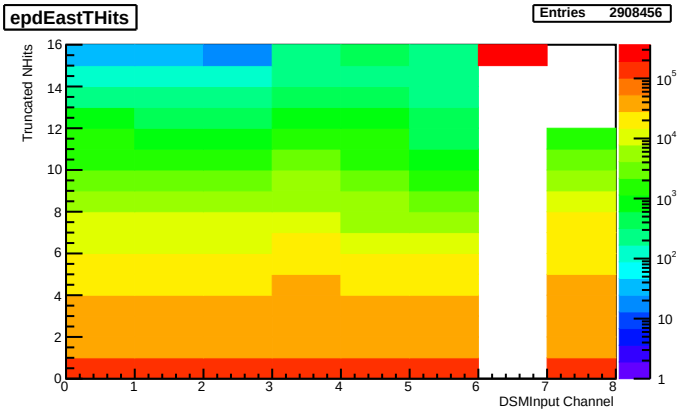
Entries 314400
Data
Simu

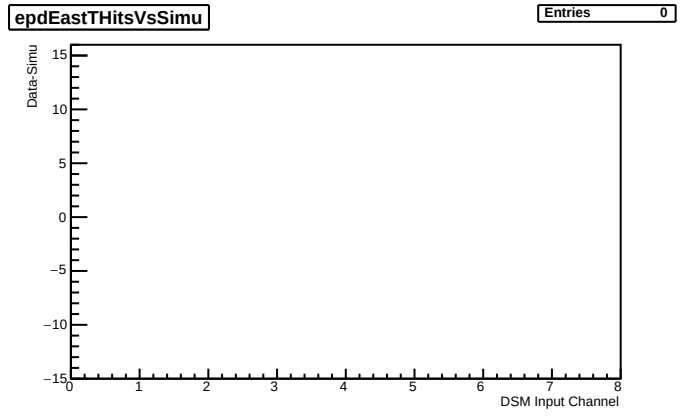

bbcSmallWestTacMax
Entries 363557


bbcSmallWestTacMaxVsSimu
Entries 314400
Data
Simu


epdEastTacMax
Entries 2908456
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 2908456
Truncated NHits
DSMInput Channel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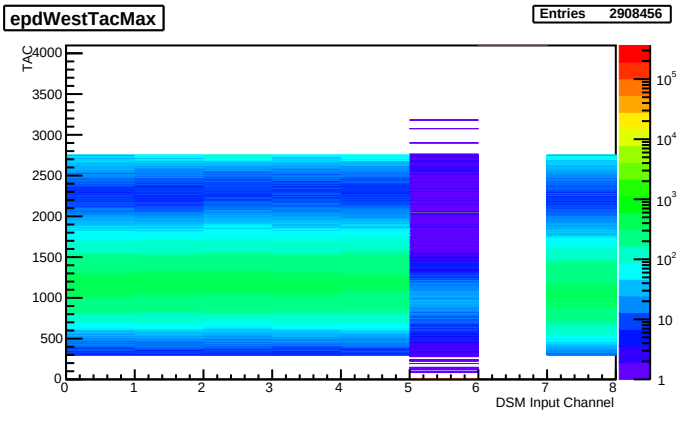
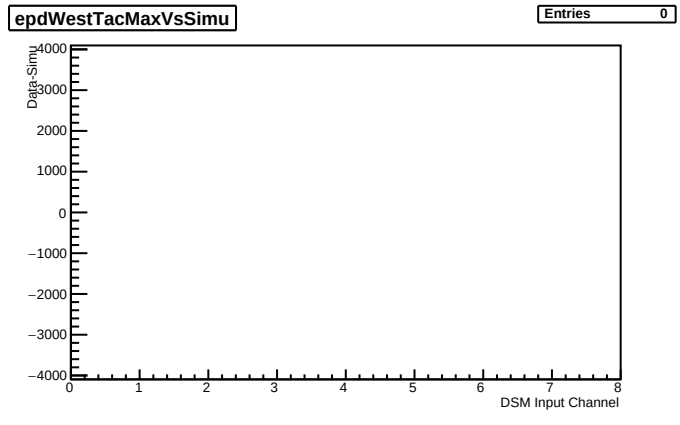
Data-Simu
DSM Input Channel


epdWestTacMax
Entries 2908456
TAC
DSM Input Channel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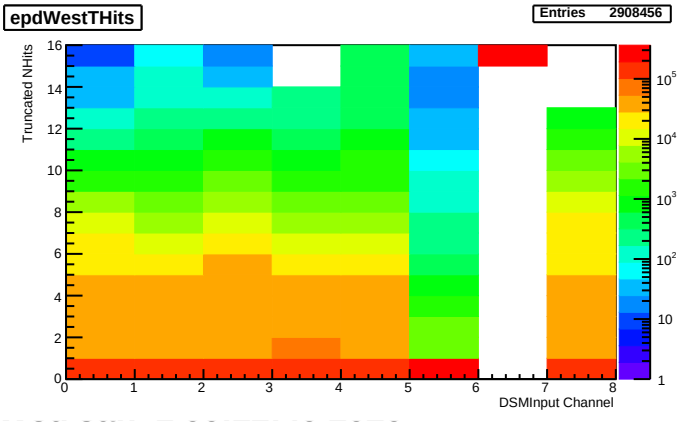
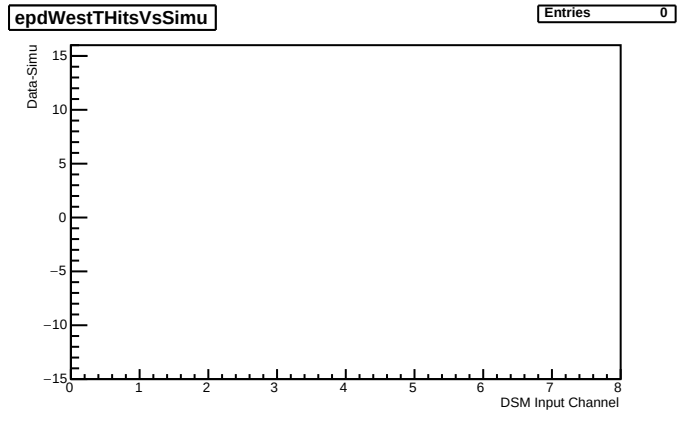
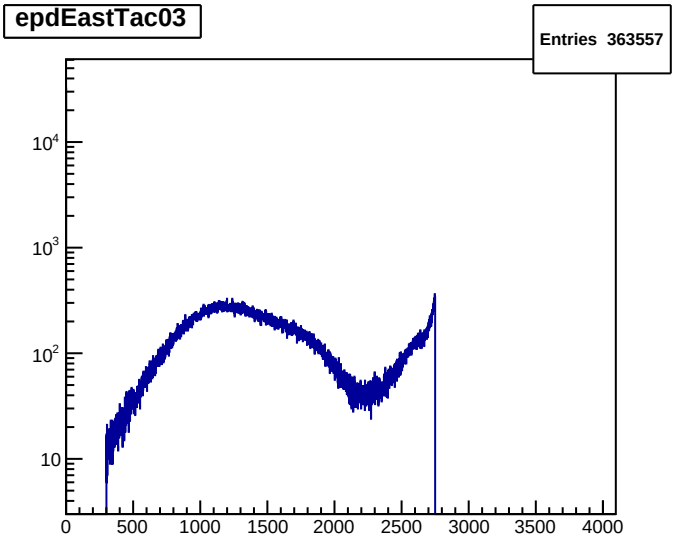
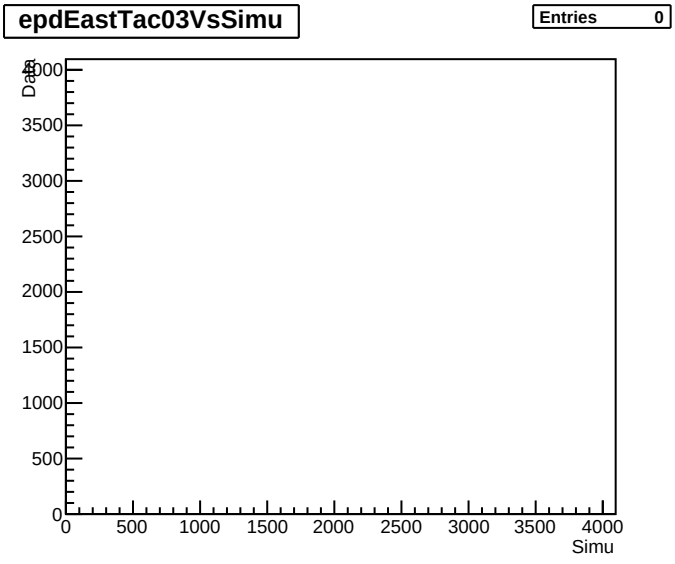
Entries 0
Data-Simu
DSM Input Channel


epdWestTHits
Entries 2908456
Truncated NHits
DSMInput Channel


epdWestTHitsVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 363557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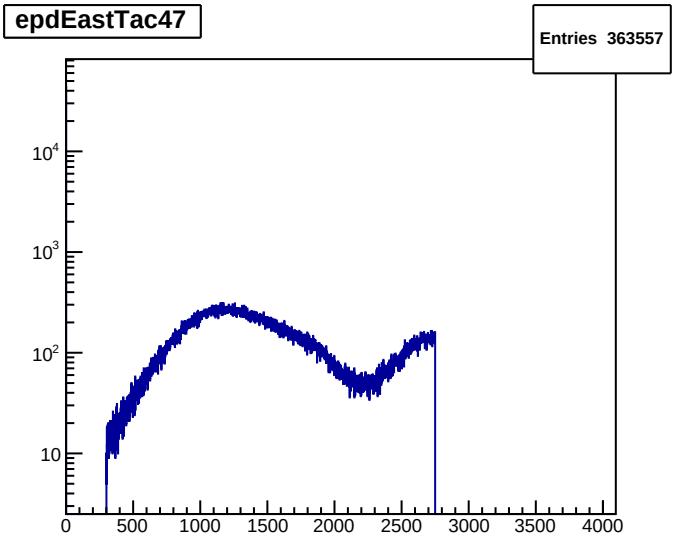
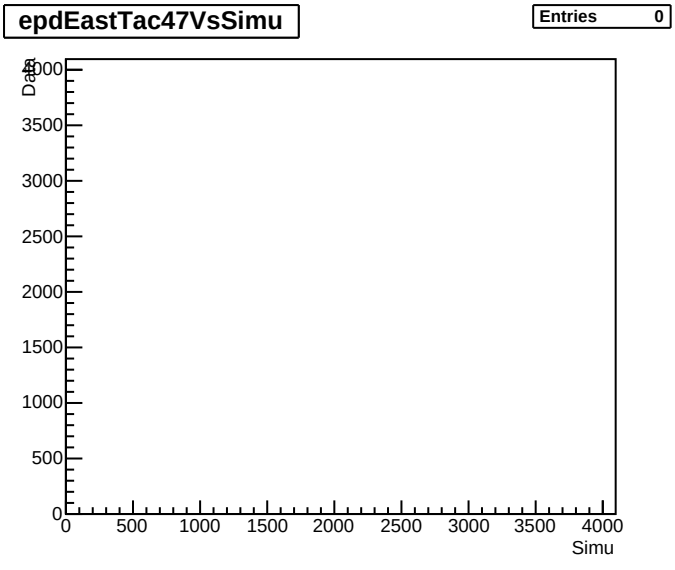
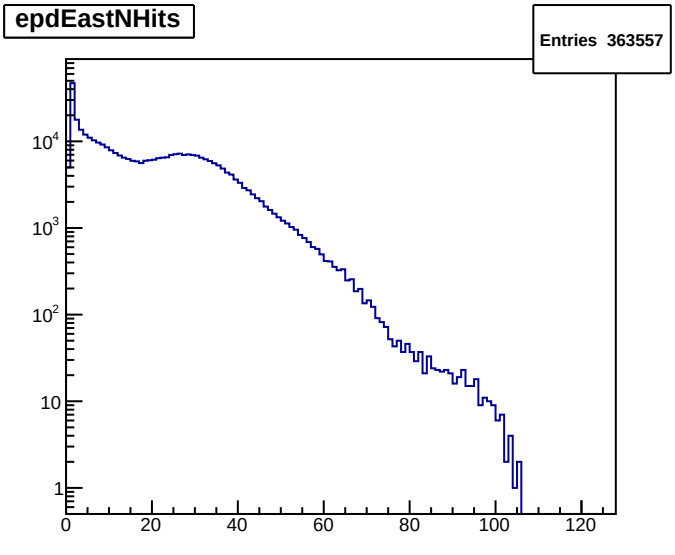
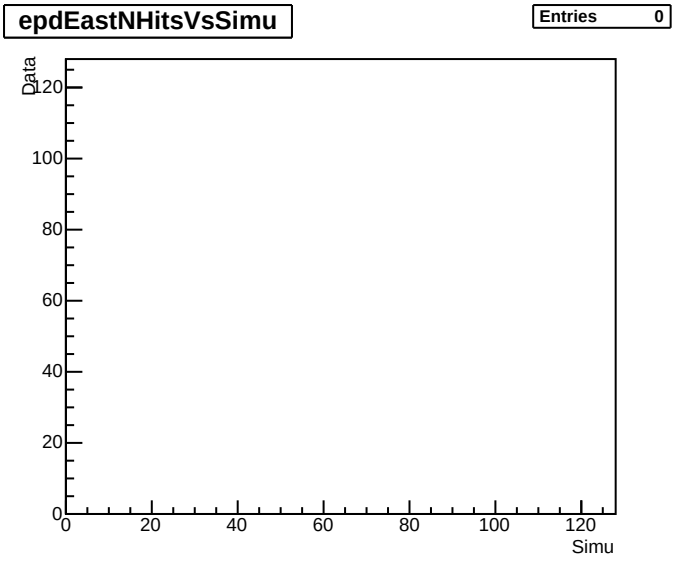
Entries 0
Data
Simu


epdEastTac47
Entries 363557


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 363557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Entries 0
Data
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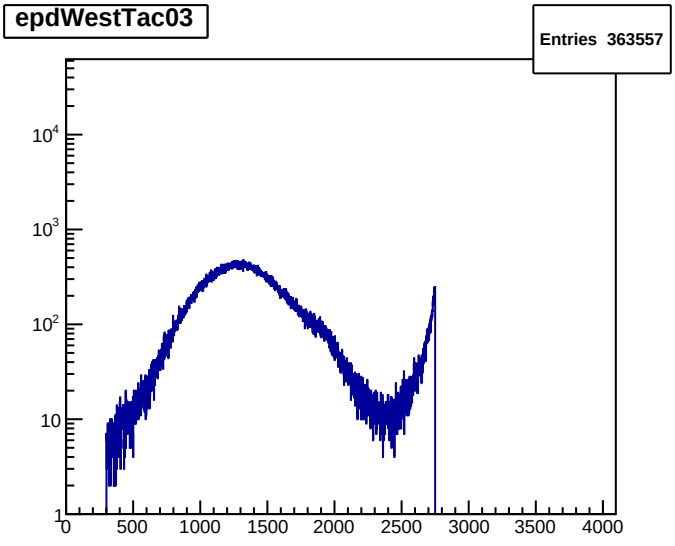
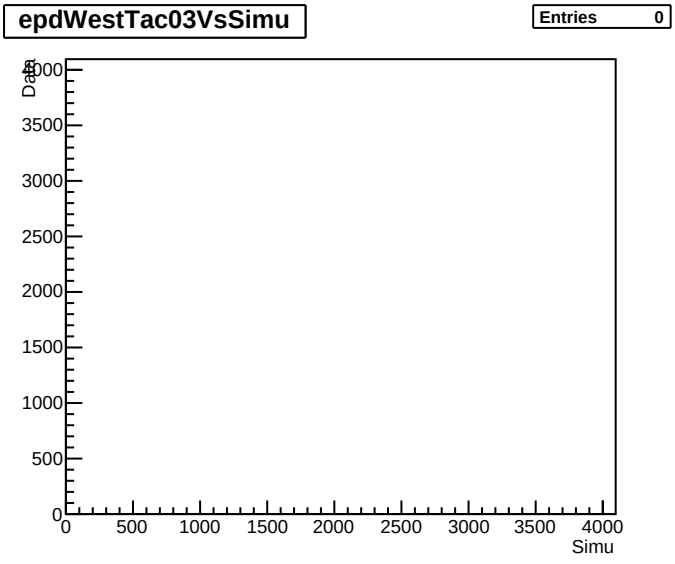

epdWestTac03
Entries 363557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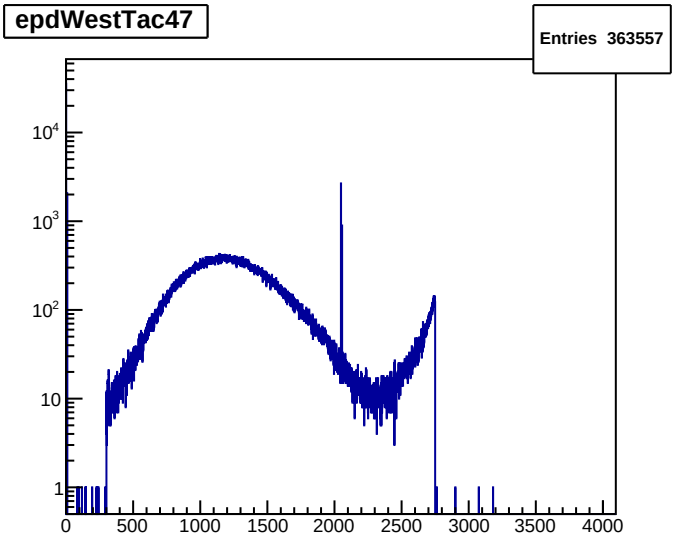
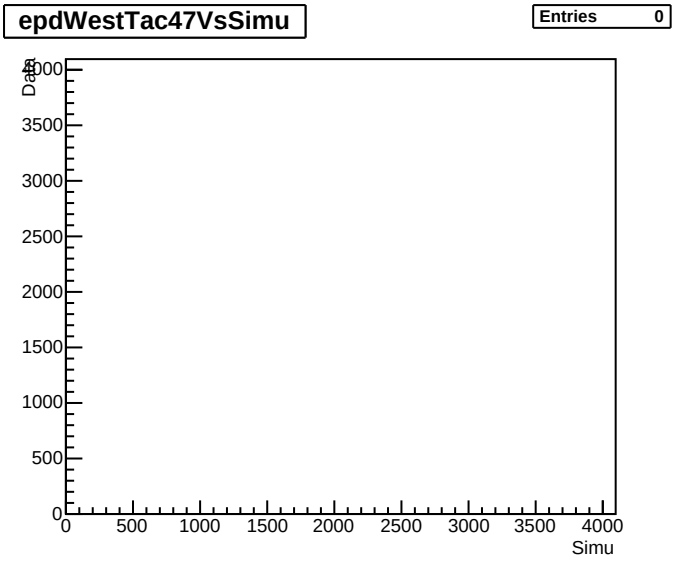
Entries 0
Data
Simu


epdWestTac47
Entries 363557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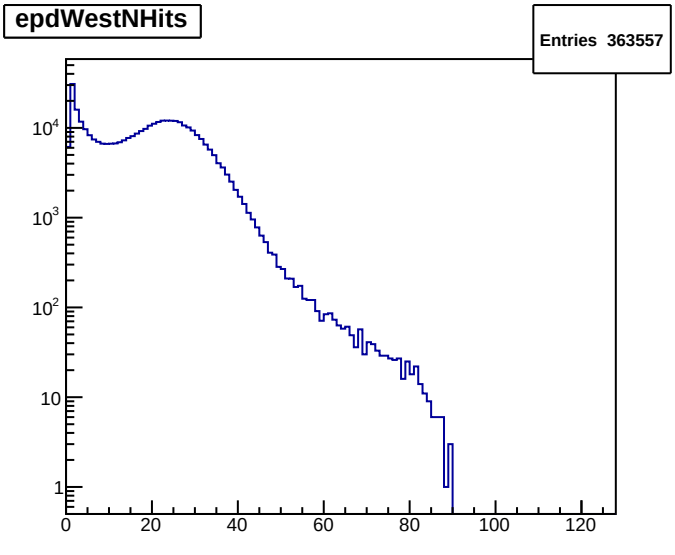
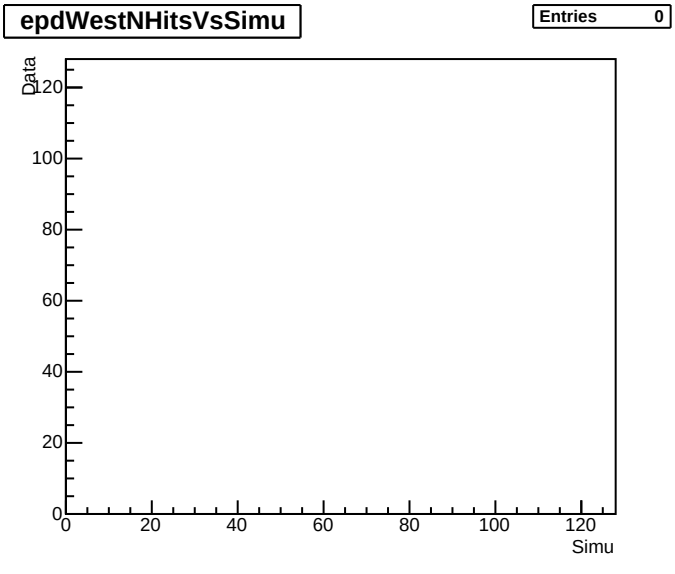
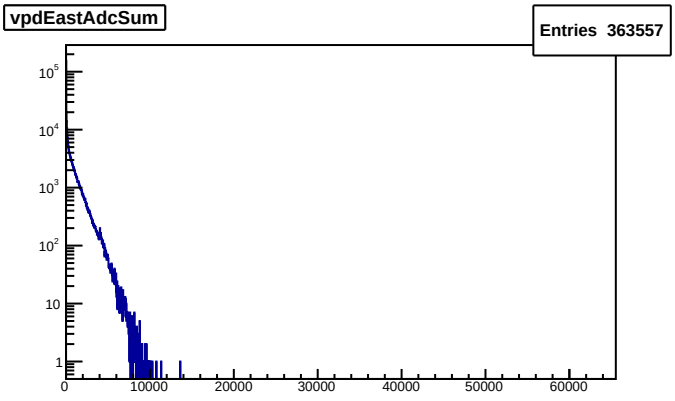
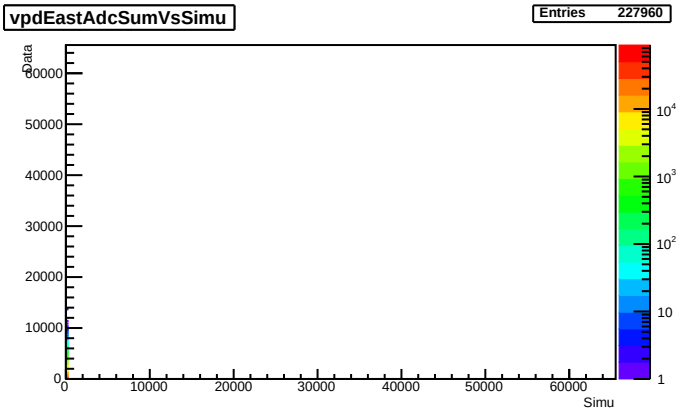
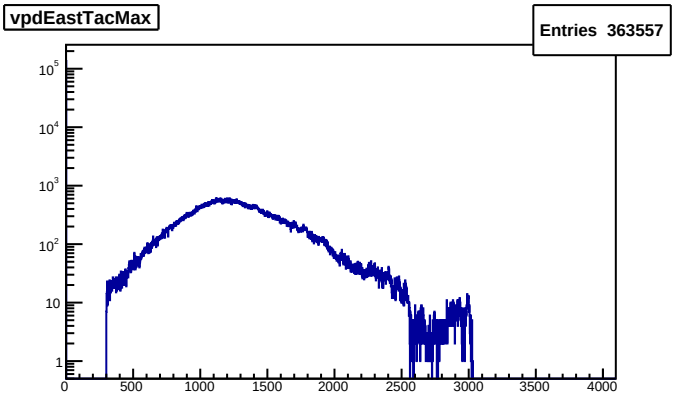
Entries 0
Data
Simu

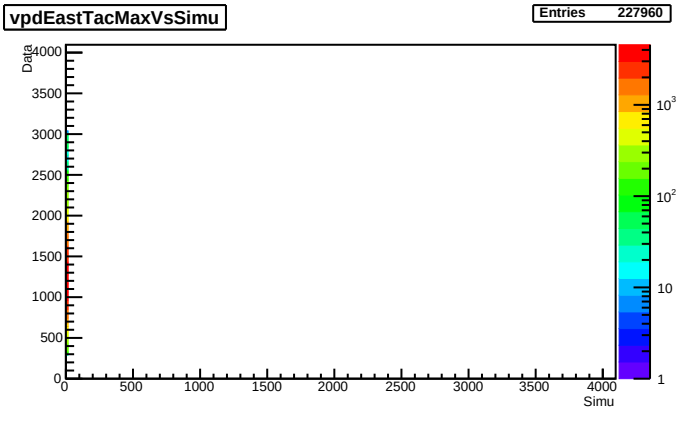

epdWestNHits
Entries 363557

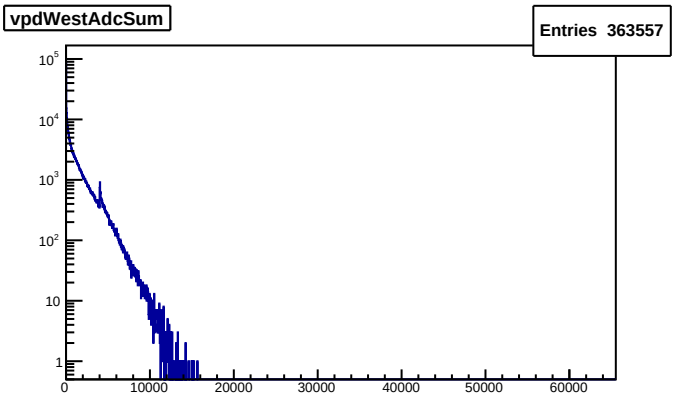

epdWestNHitsVsSimu
Entries 0
Data
Simu

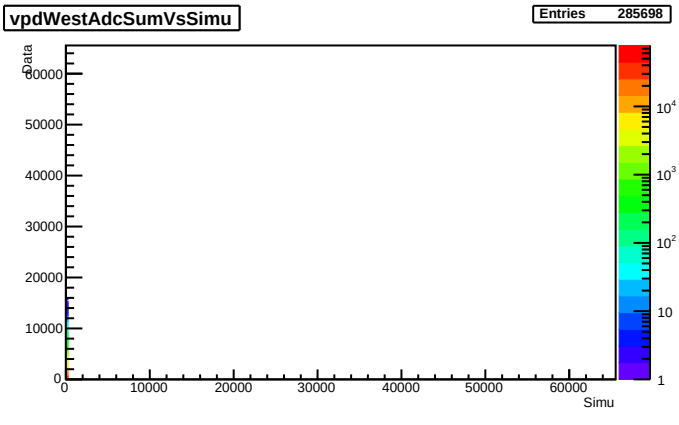

vpdEastAdcSum
Entries 363557

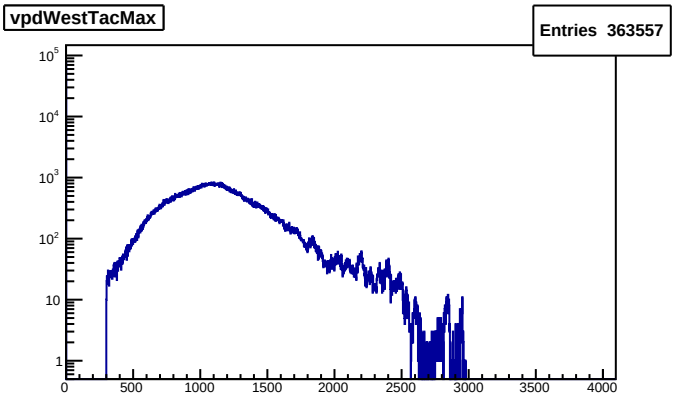

vpdEastAdcSumVsSimu
Entries 227960
Data
Simu

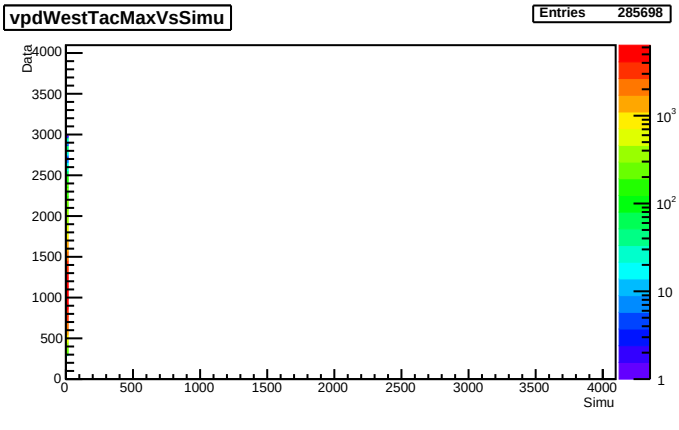

vpdEastTacMax
Entries 363557

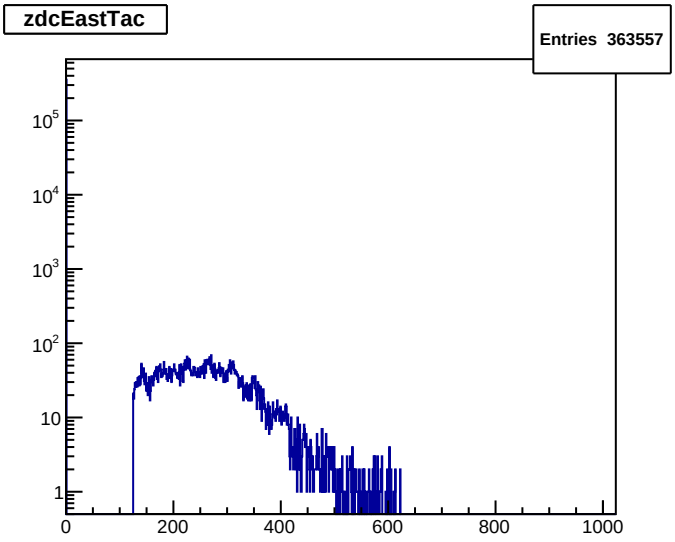

vpdEastTacMaxVsSimu
Entries 227960
Data
Simu

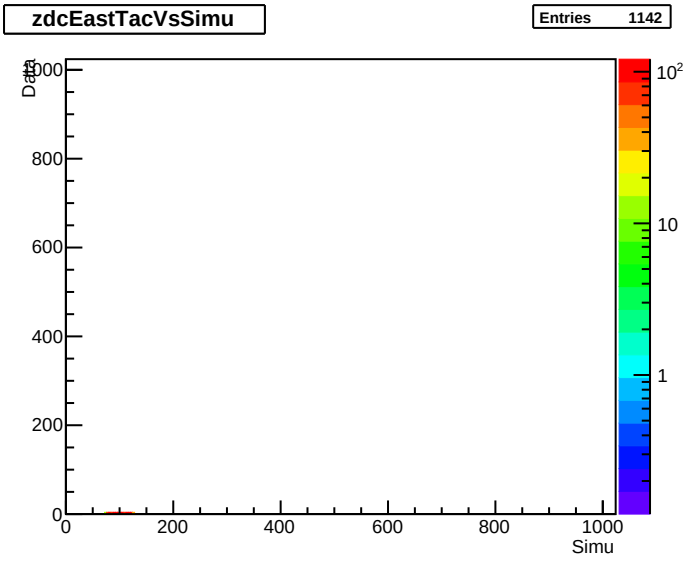

vpdWestAdcSum
Entries 363557

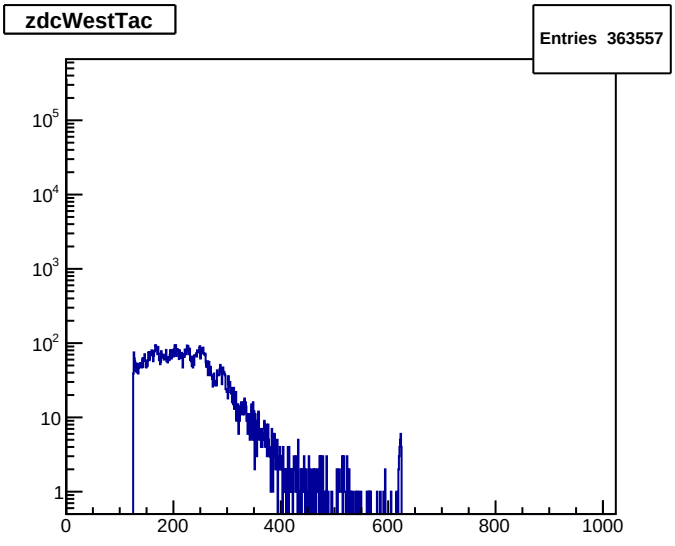

vpdWestAdcSumVsSimu
Entries 285698
Data
Simu

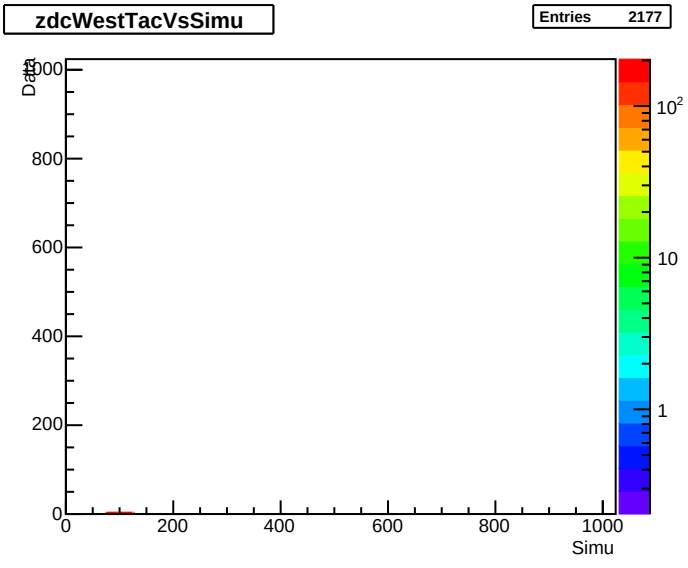

vpdWestTacMax
Entries 363557

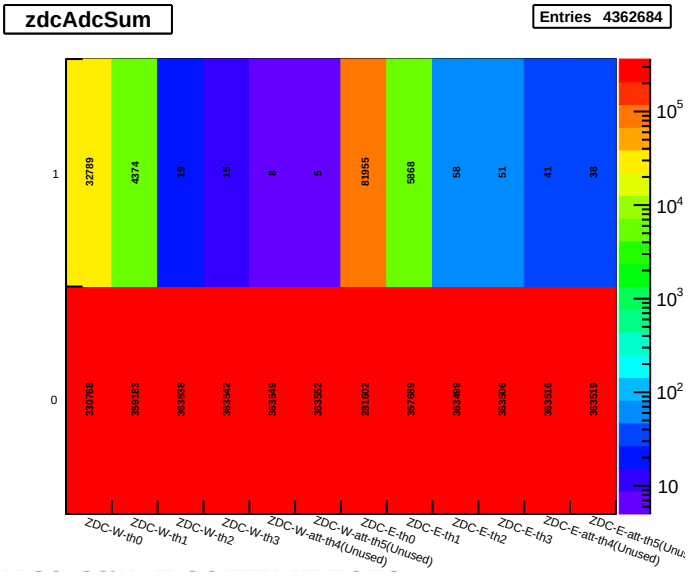

vpdWestTacMaxVsSimu
Entries 285698
Data
Simu

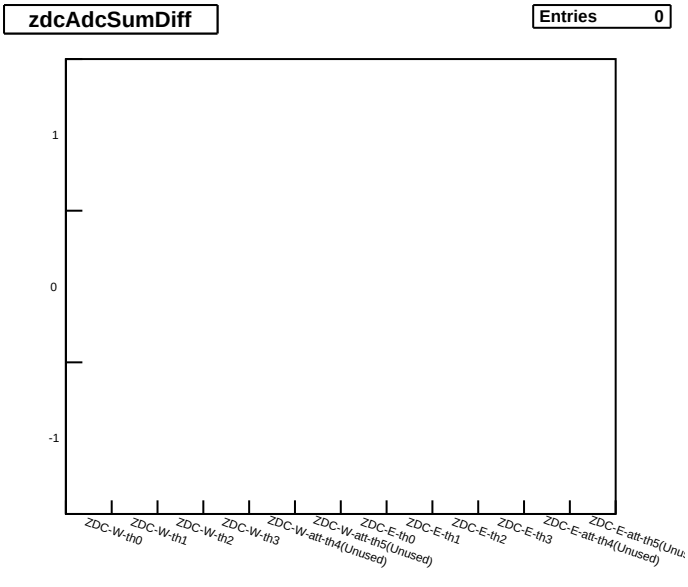

zdcEastTac
Entries 363557

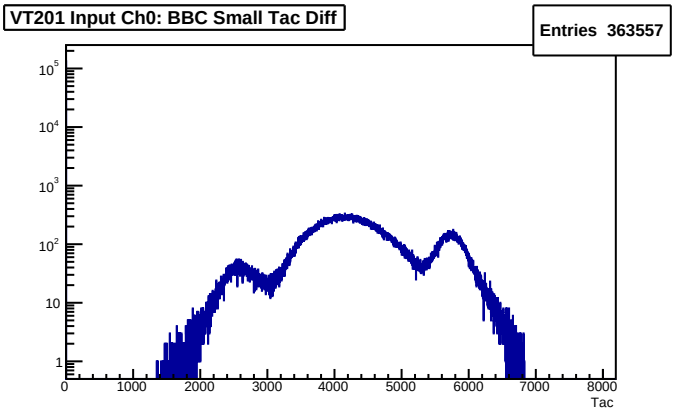

zdcEastTacVsSimu
Entries 1142
Data
Simu

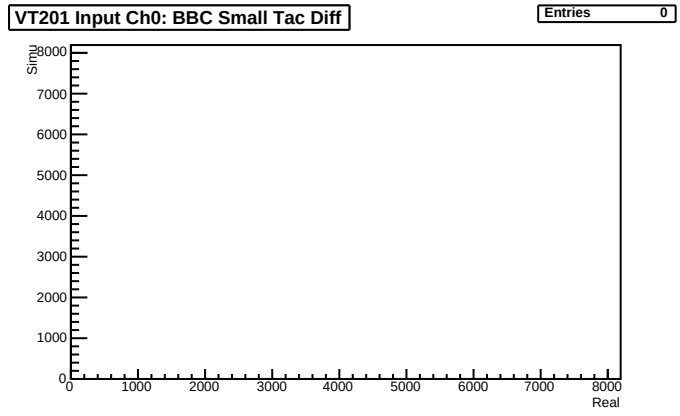

zdcWestTac
Entries 363557

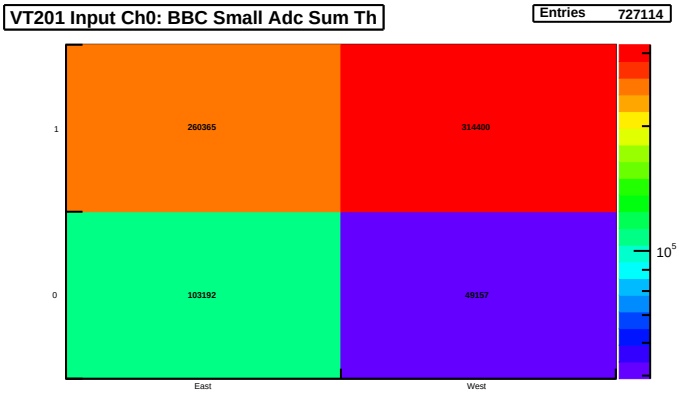

zdcWestTacVsSimu
Entries 2177
Data
Simu

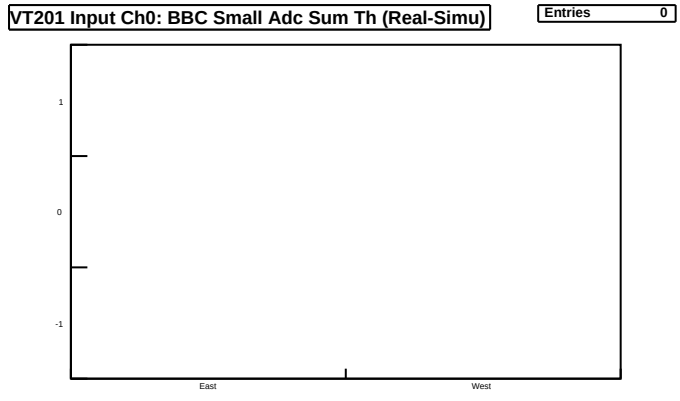

zdcAdcSum
Entries 4362684
32789
4374
19
15
8
5
81955
5868
58
51
41
38
330768
359183
363538
363542
363549
363552
281602
357689
363499
363506
363516
363519
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

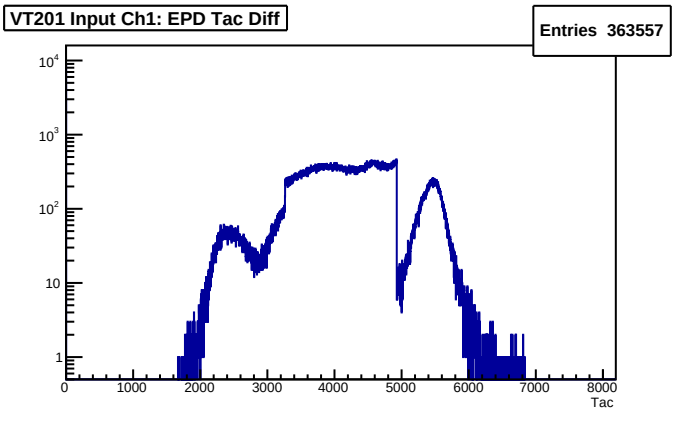

zdcAdcSumDiff
Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

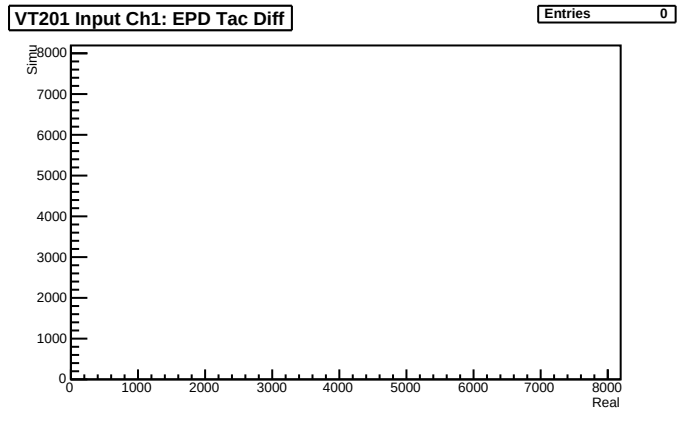

VT201 Input Ch0: BBC Small Tac Diff
Entries 363557
Tac

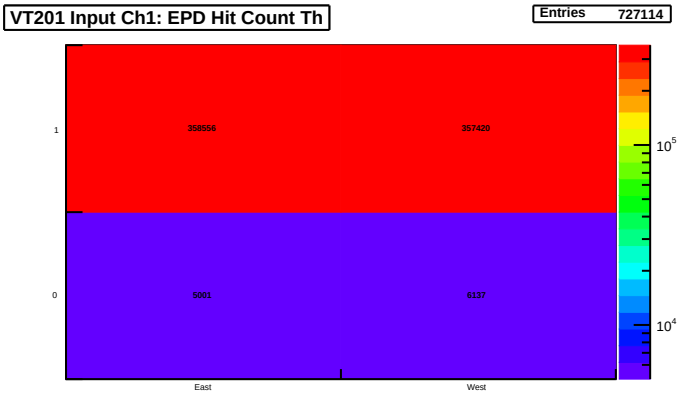

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

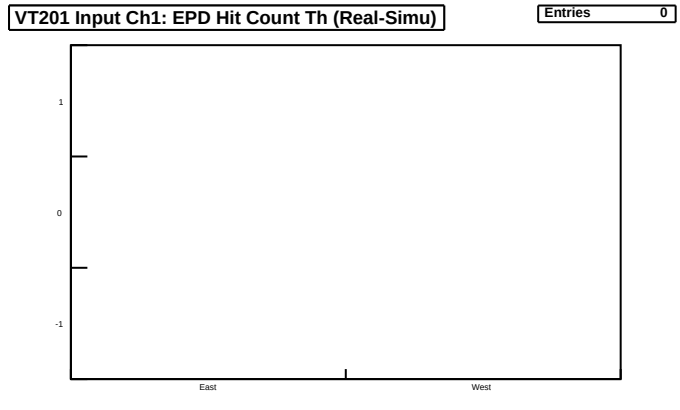

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 727114
260365
314400
103192
49157
East
West

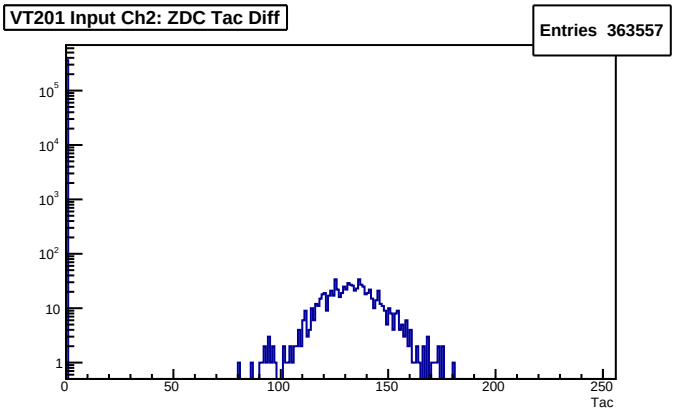

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

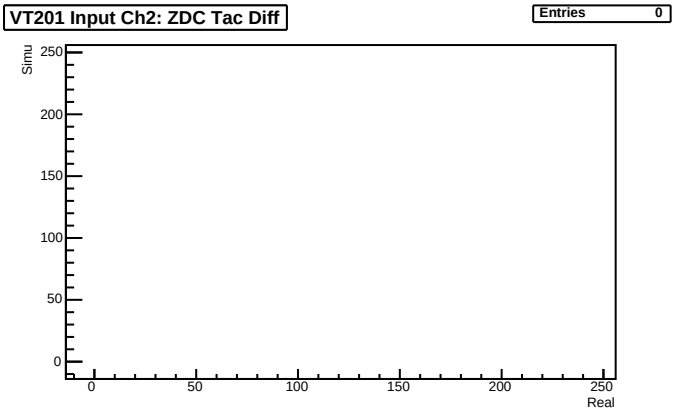

VT201 Input Ch1: EPD Tac Diff
Entries 363557
Tac

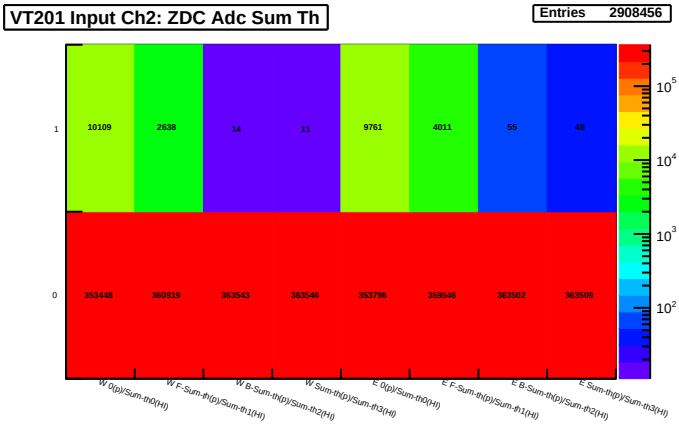

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

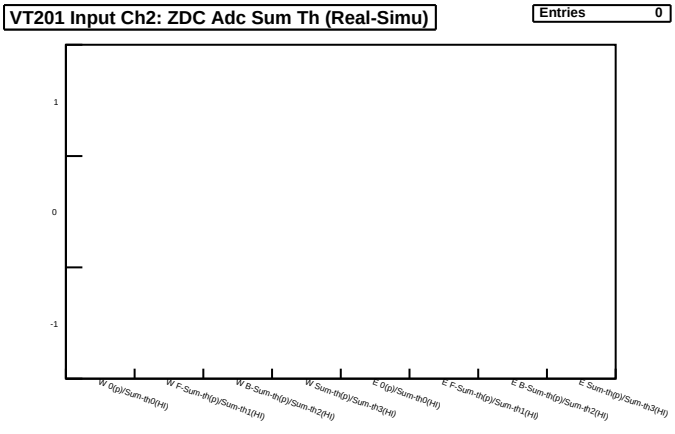

VT201 Input Ch1: EPD Hit Count Th
Entries 727114
358556
357420
5001
6137
East
West

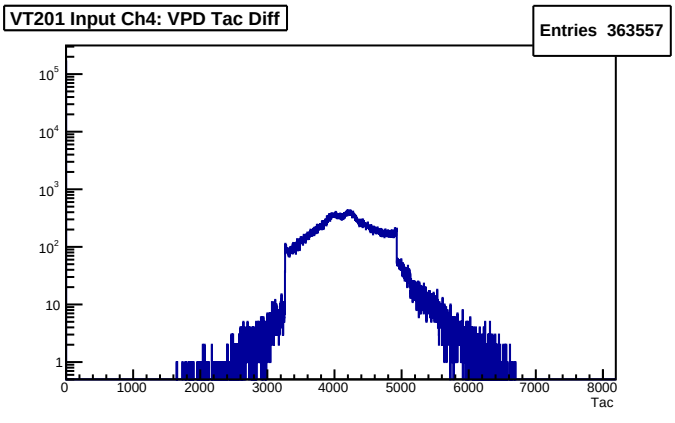

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

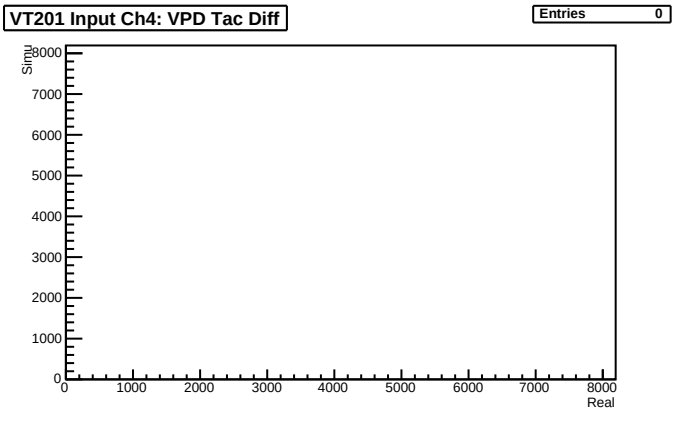

VT201 Input Ch2: ZDC Tac Diff
Entries 363557
Tac

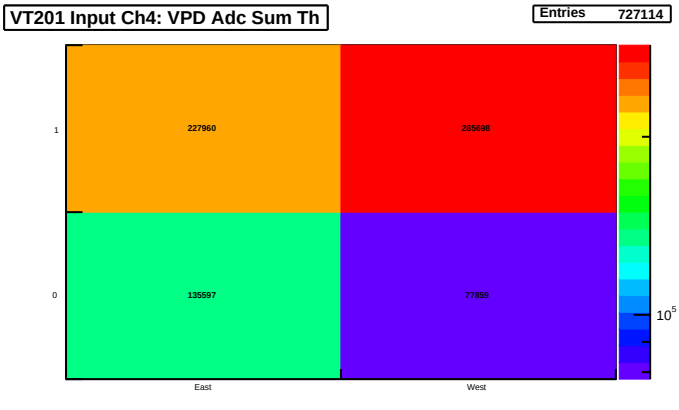

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

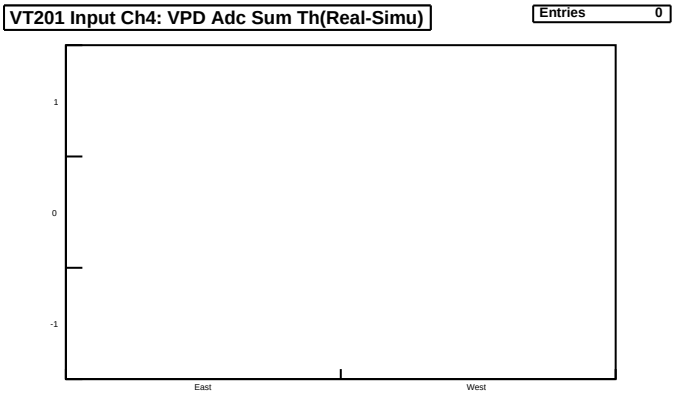

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2908456
10109
2638
14
11
9761
4011
55
48
353448
360919
363543
363546
353796
359546
363502
363509
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

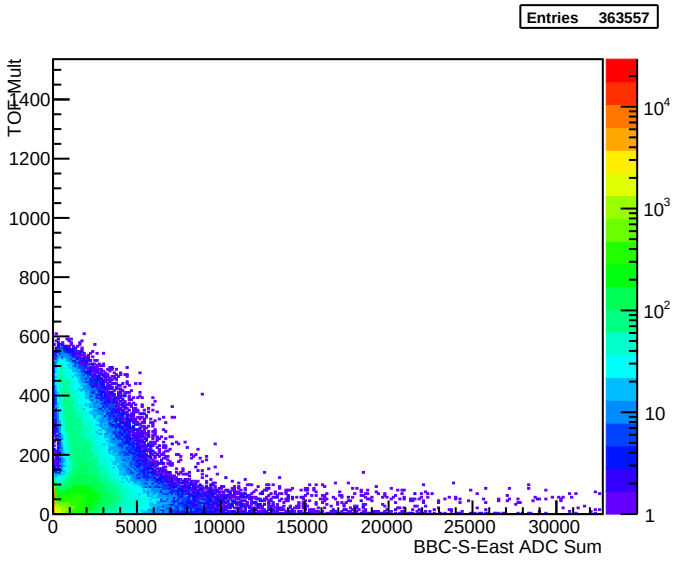

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

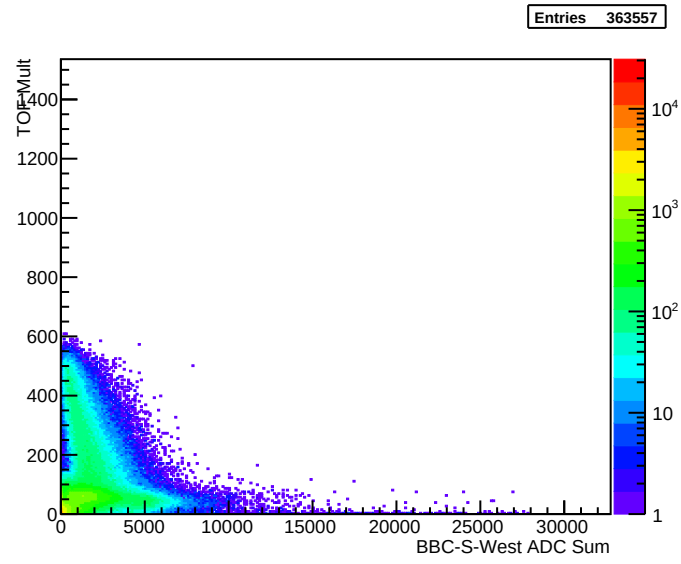

VT201 Input Ch4: VPD Tac Diff
Entries 363557
Tac

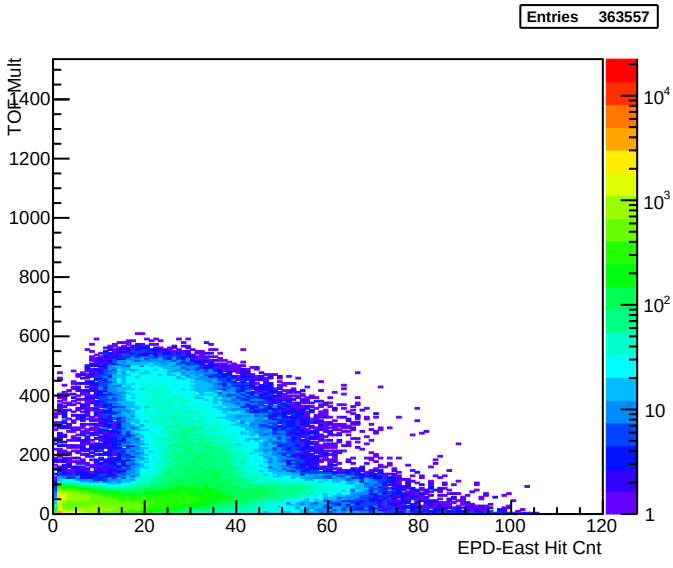

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

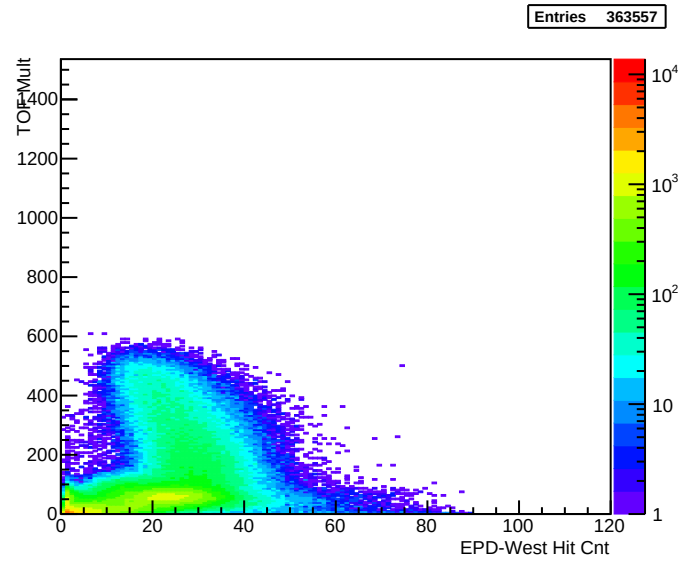

VT201 Input Ch4: VPD Adc Sum Th
Entries 727114
227960
285698
135597
77859
East
West

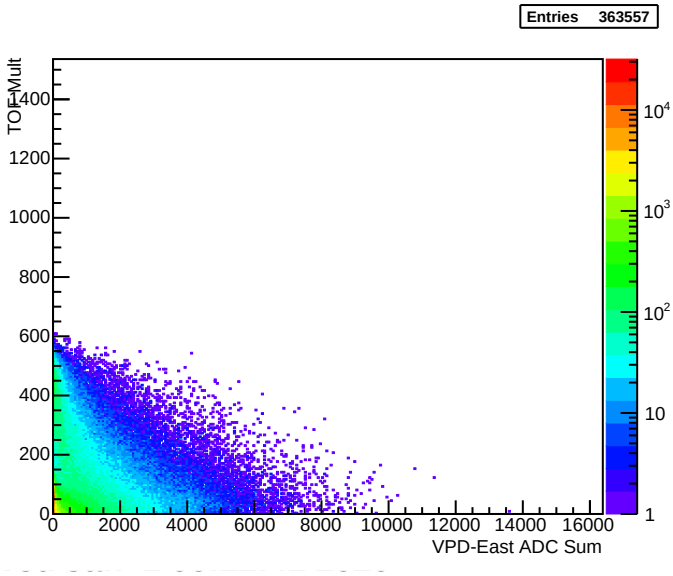

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

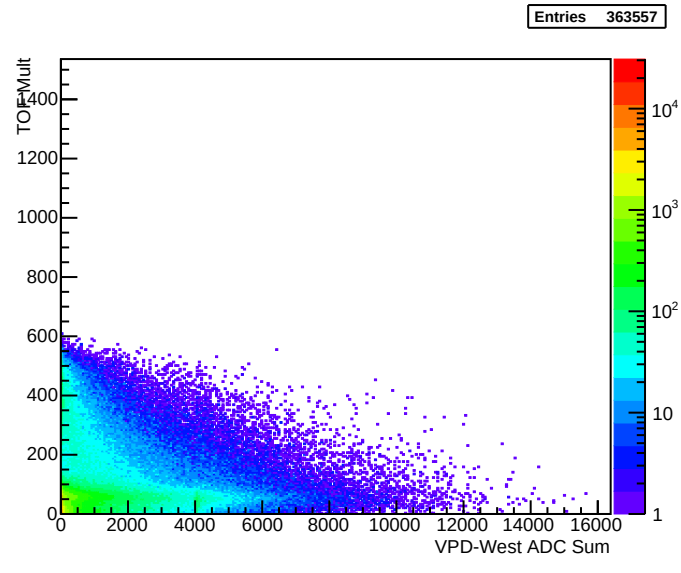

Entries 363557
TOF-Mult
BBC-S-East ADC Sum

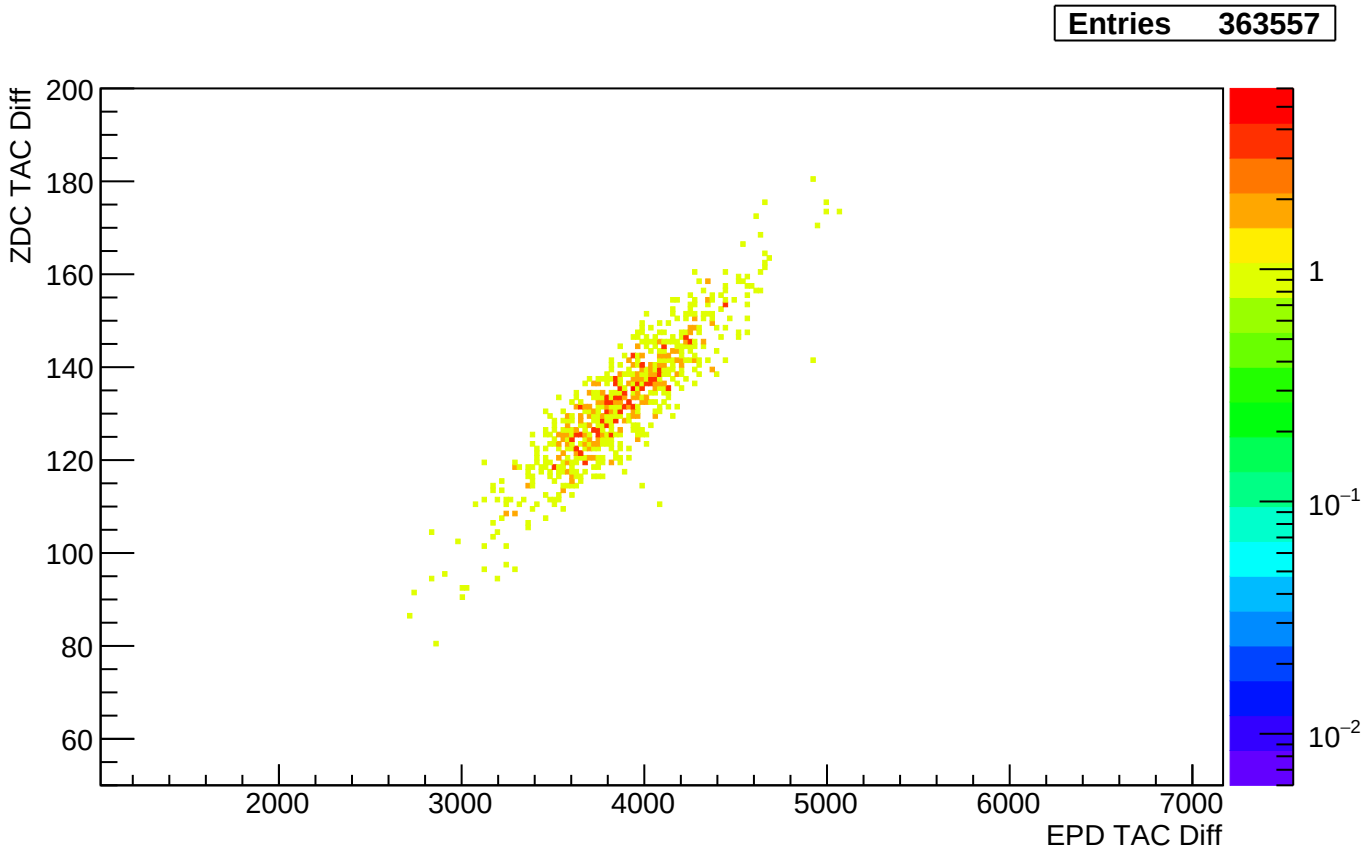

Entries 363557
TOF-Mult
BBC-S-West ADC Sum

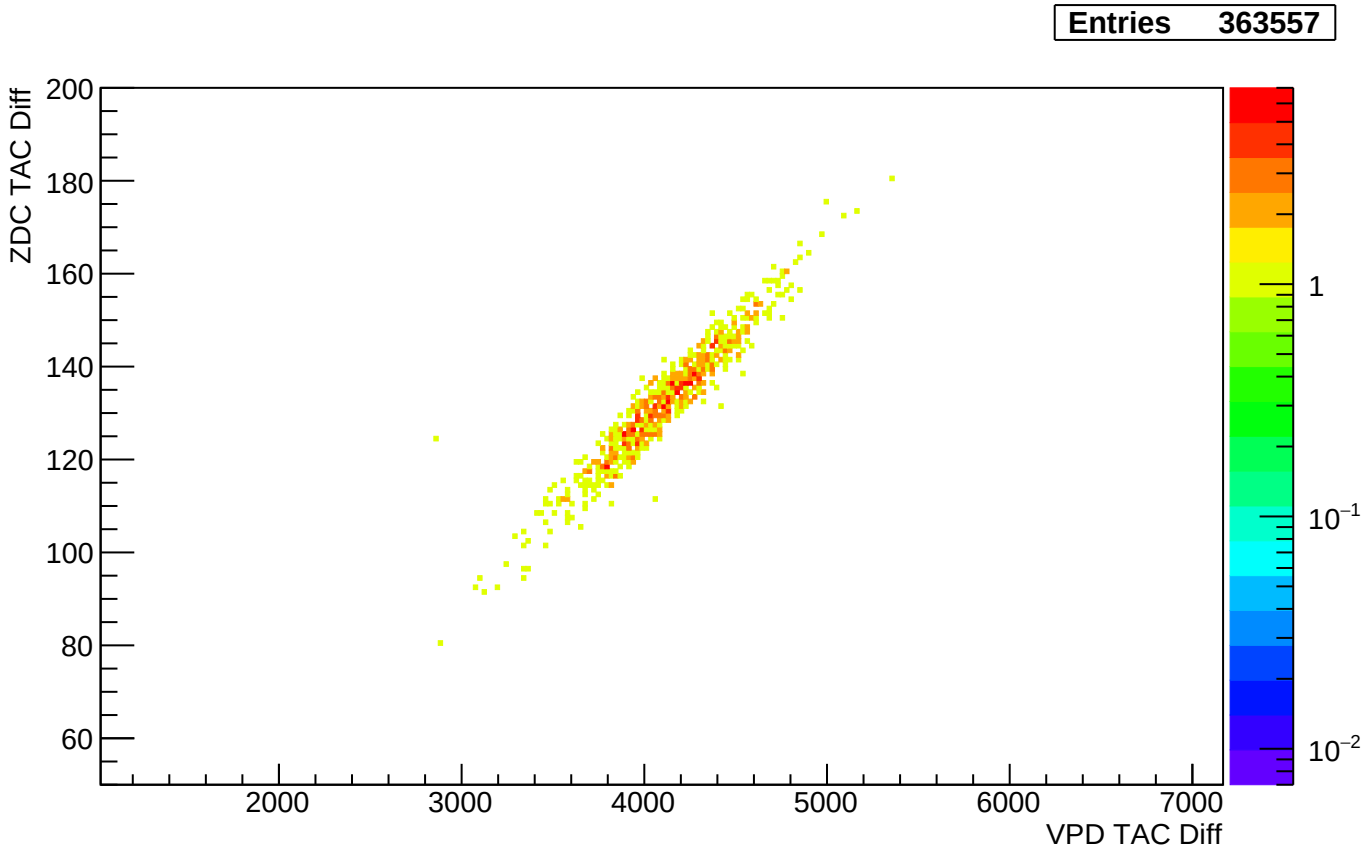

Entries 363557
TOF-Mult
EPD-East Hit Cnt

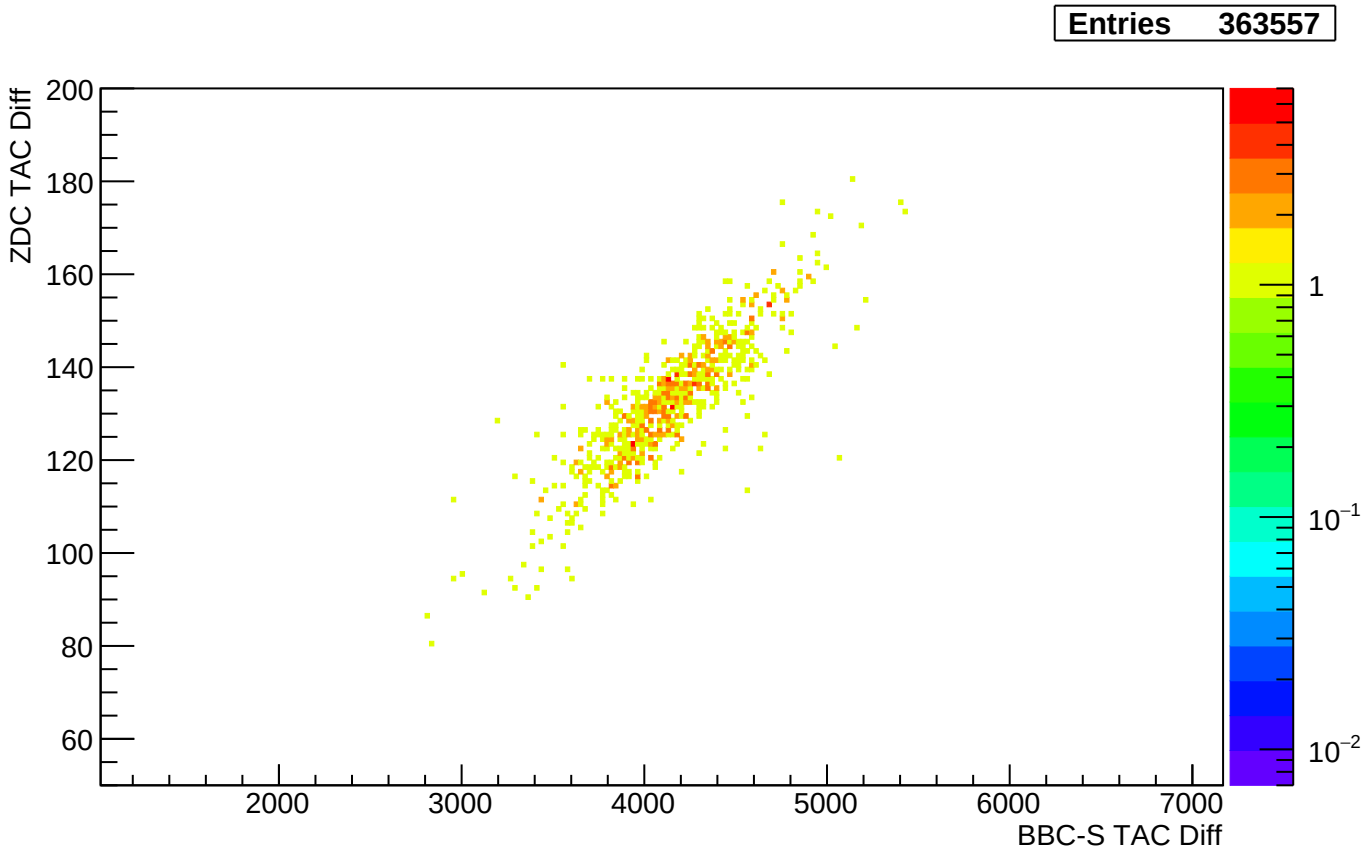

Entries 363557
TOF-Mult
EPD-West Hit Cnt

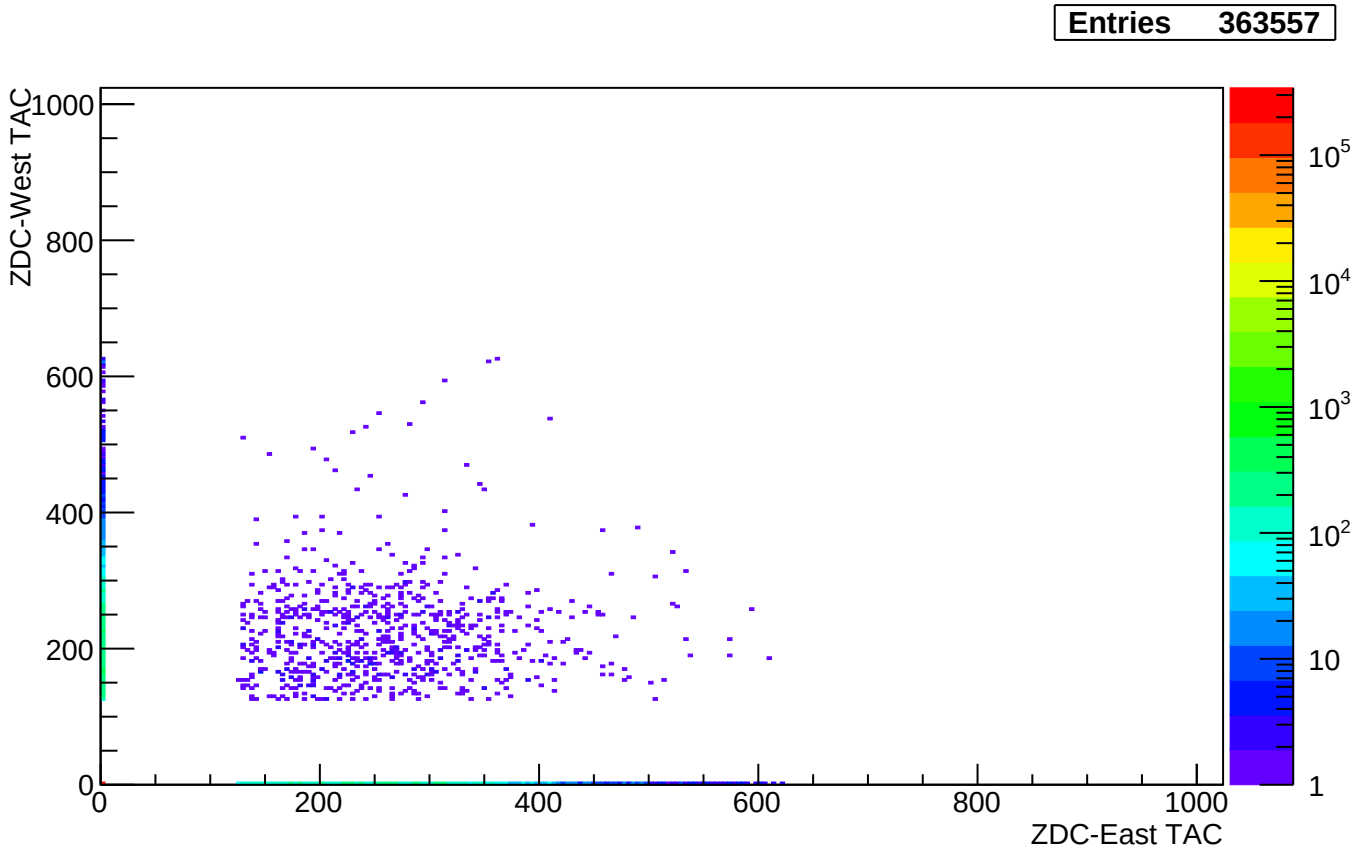

Entries 363557
TOF-Mult
VPD-East ADC Sum

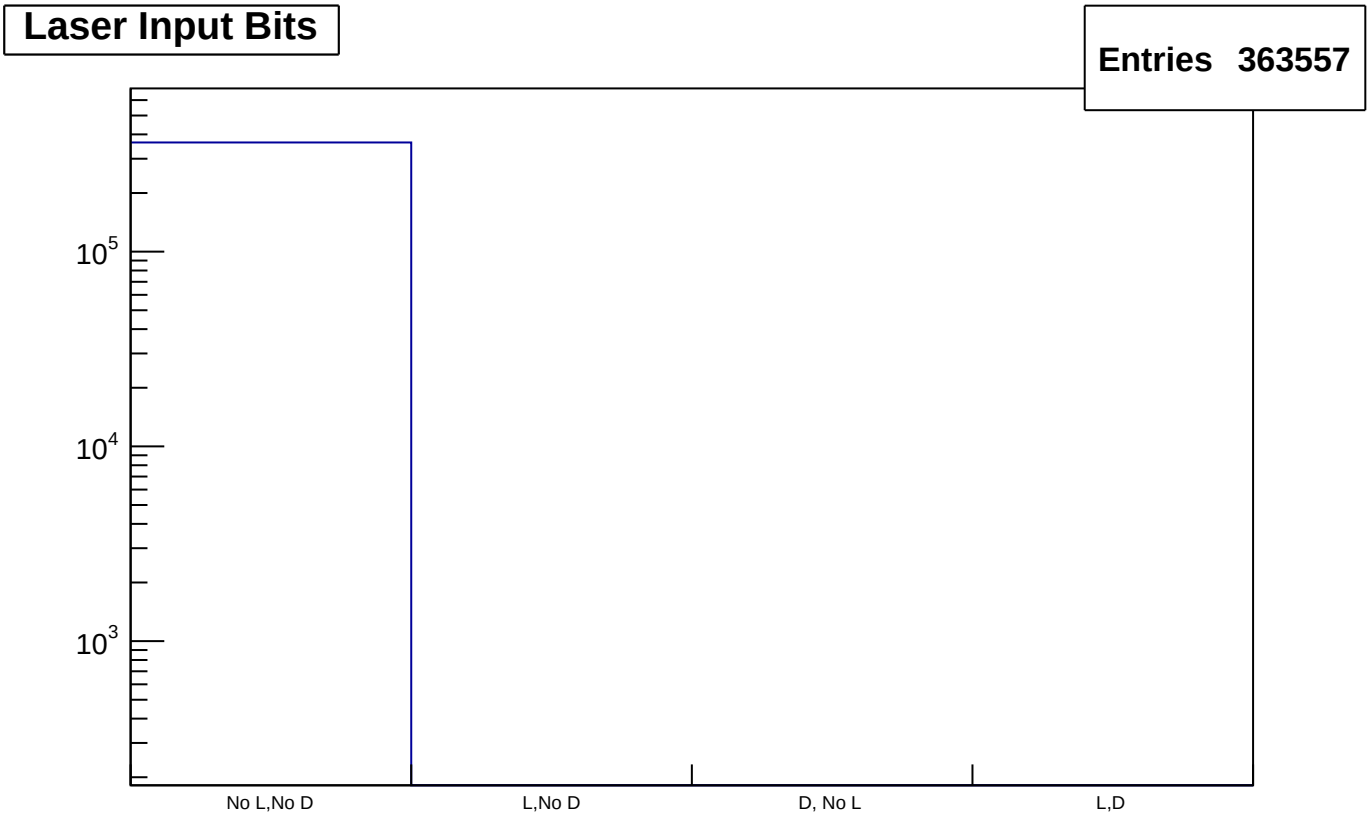

Entries 363557
TOF-Mult
VPD-West ADC Sum

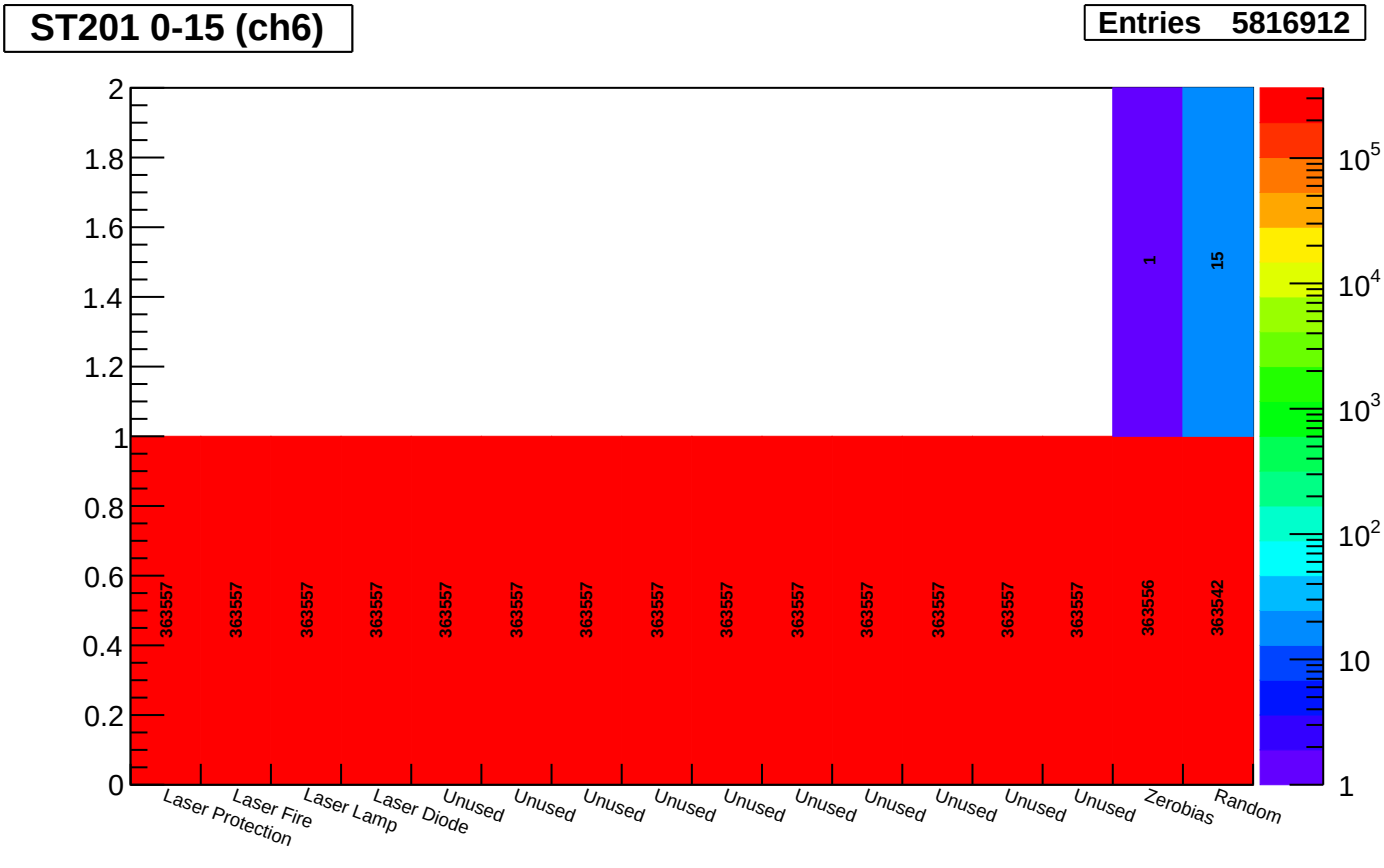

Entries 363557
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
EPD TAC Diff
1
10^{-1}
10^{-2}

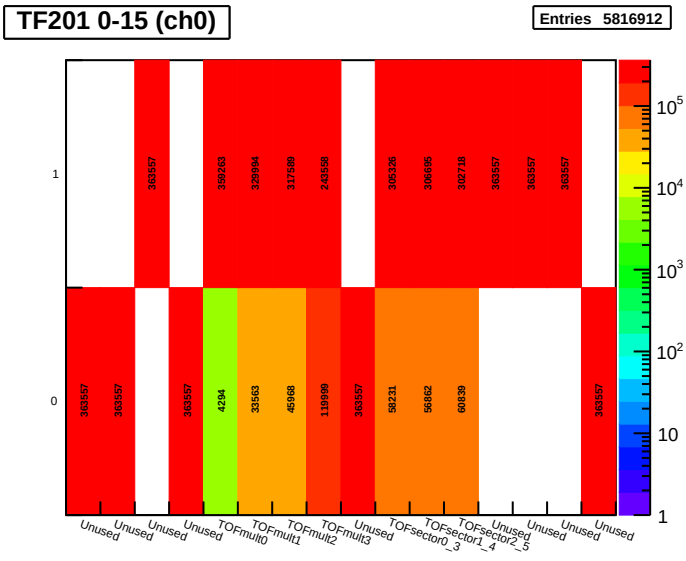

Entries 363557
ZDC TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

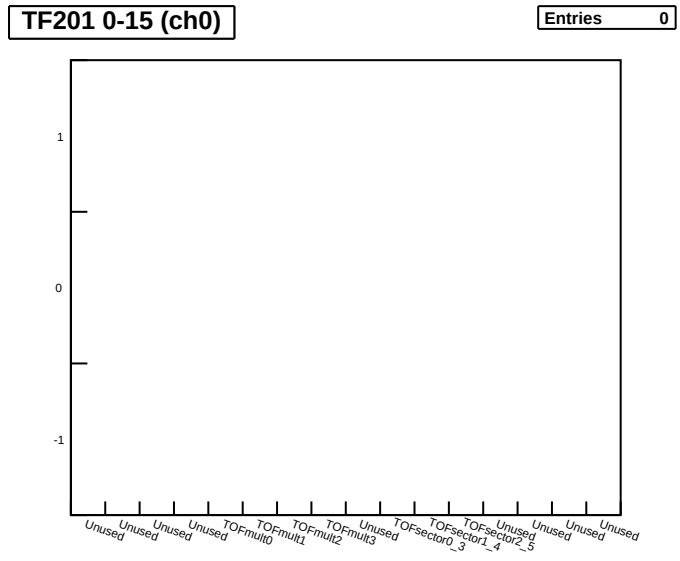

Entries 363557
ZDC TAC Diff
BBC-S TAC Diff
200
180
160
140
120
100
80
60
2000
3000
4000
5000
6000
7000
1
10^{-1}
10^{-2}

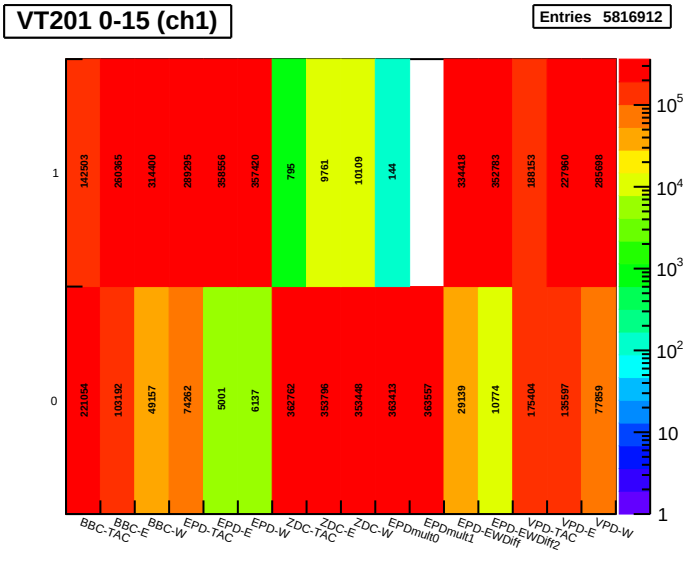

Entries 363557
ZDC-West TAC
ZDC-East TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
10^5
10^4
10^3
10^2
10
1

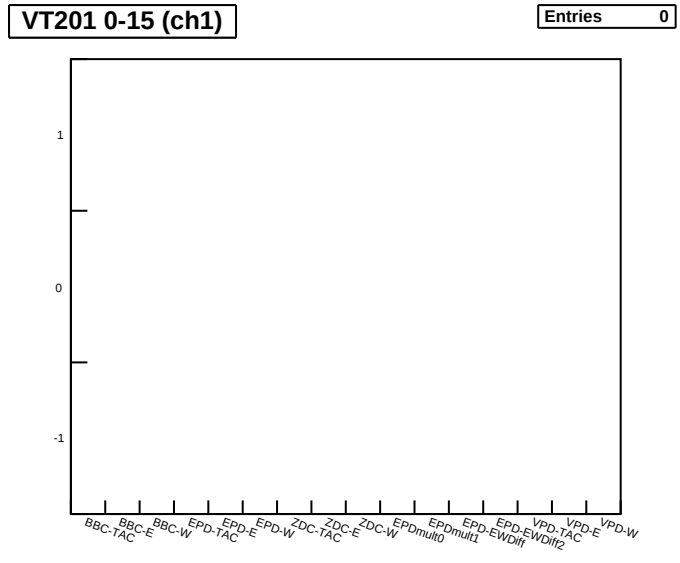

Laser Input Bits
Entries 363557
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

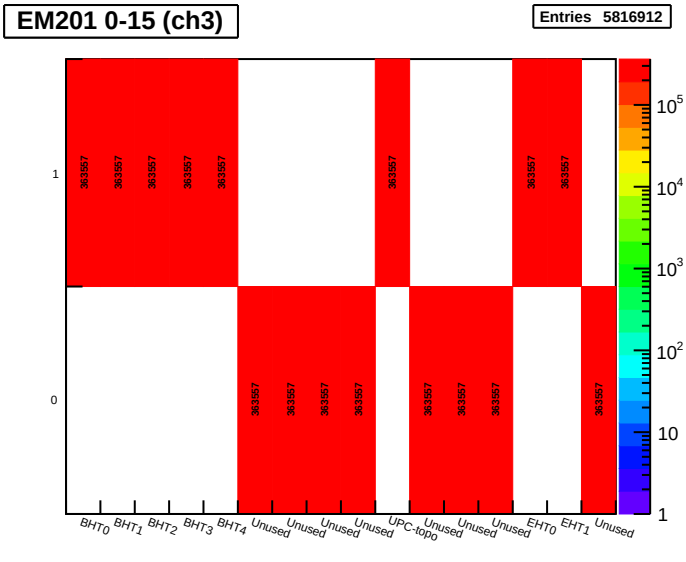

ST201 0-15 (ch6)
Entries 5816912
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363556
363542
1
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

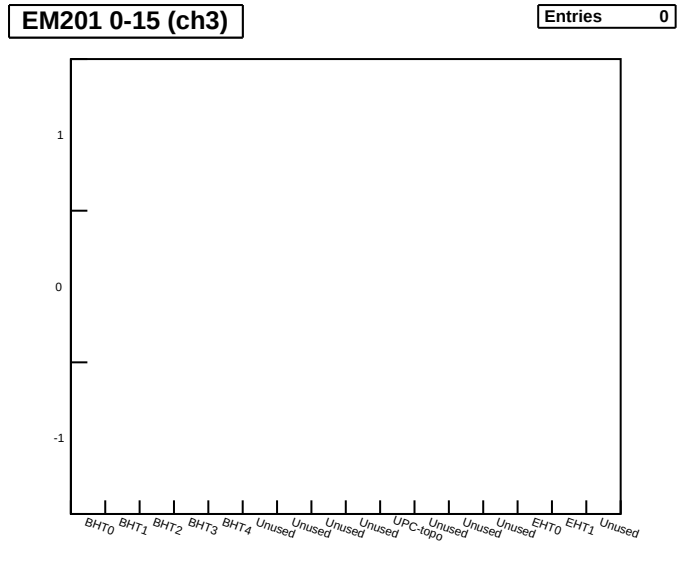

TF201 0-15 (ch0)
Entries 5816912
1
0
363557
339263
329994
317589
243558
305326
306695
302718
363557
363557
363557
363557
363557
363557
4294
33563
45968
119999
363557
58231
56862
60839
363557
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 5816912
1
0
142503
260355
314400
289295
358556
357420
795
9761
10109
144
334418
352783
188153
227960
285688
221054
103192
49157
74262
5001
6137
362762
353796
353448
363413
363557
29139
10774
175404
135597
77859
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 5816912
1
0
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
363557
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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