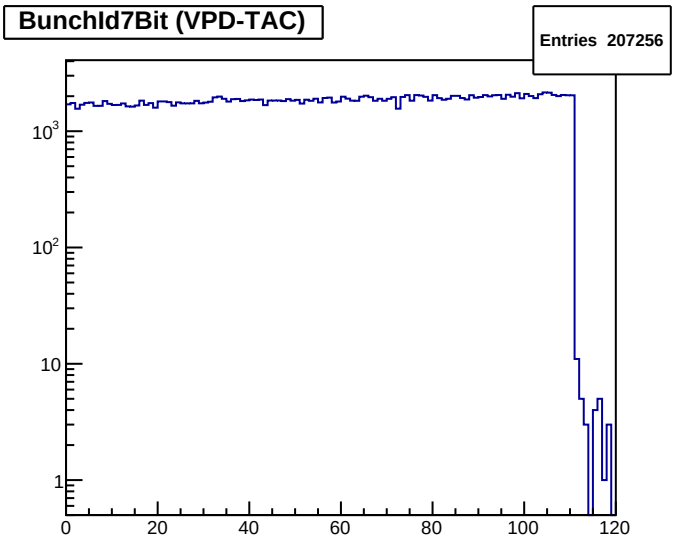
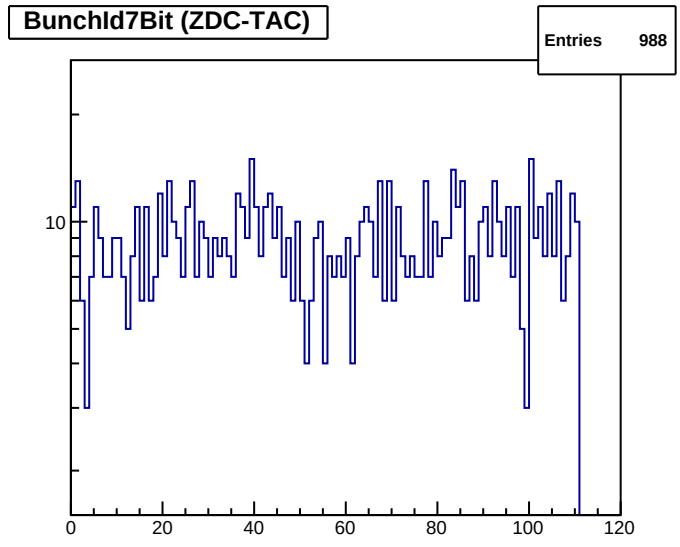
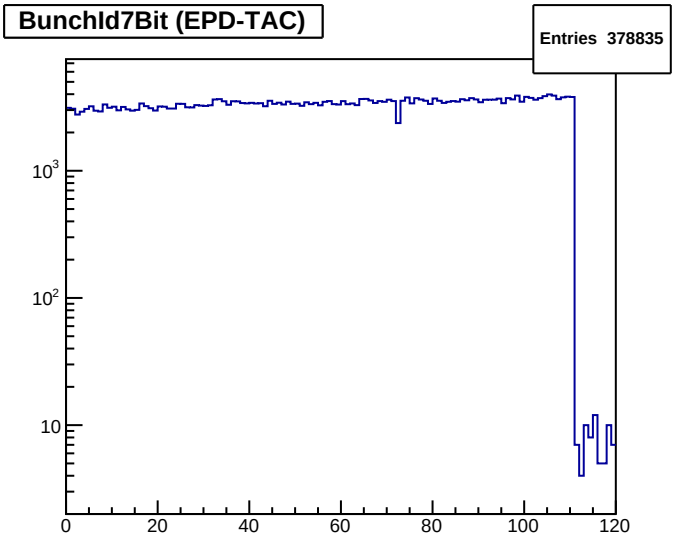
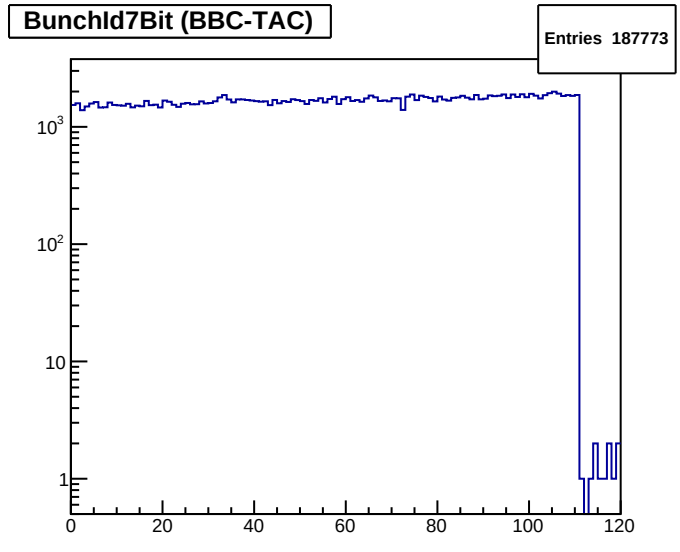
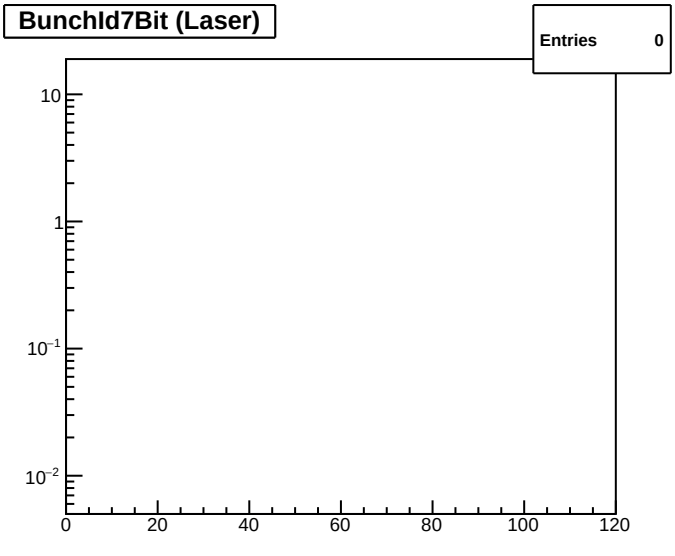
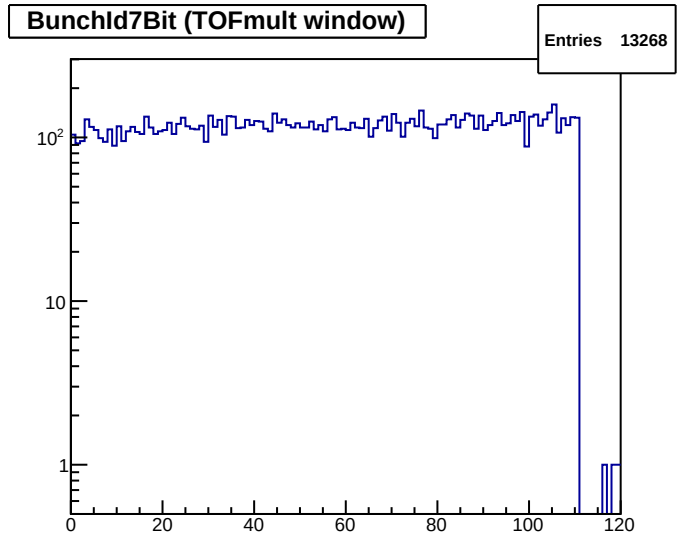

BunchId7Bit (VPD-TAC)
Entries 207256

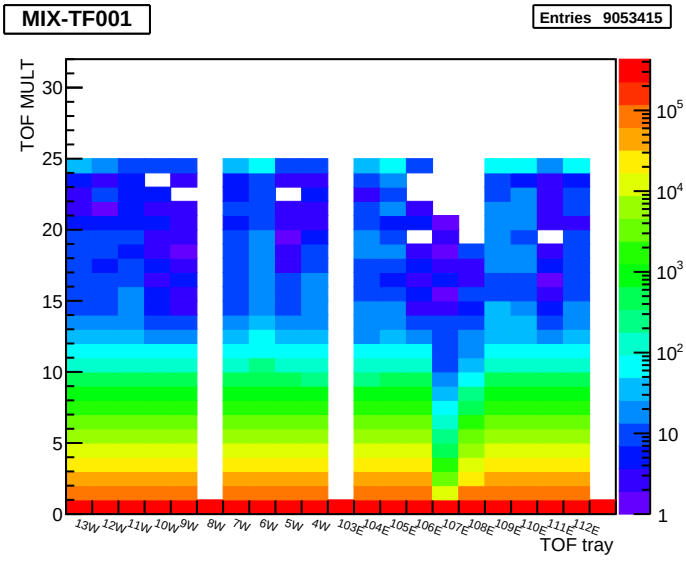

BunchId7Bit (ZDC-TAC)
Entries 988

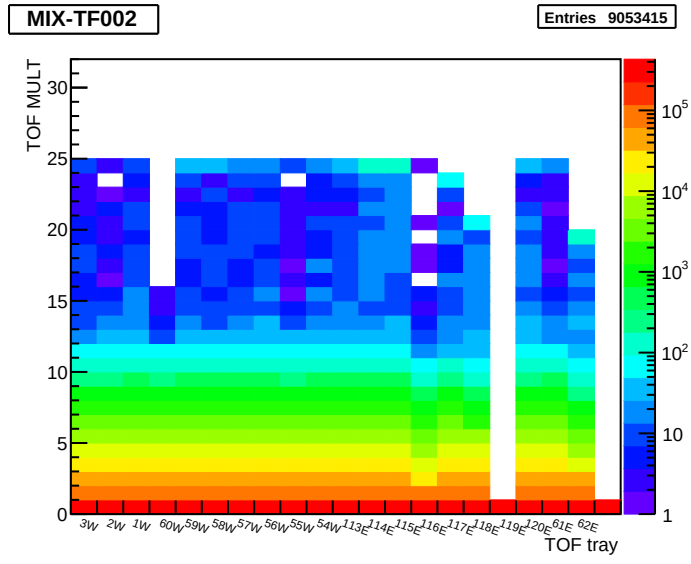

BunchId7Bit (EPD-TAC)
Entries 378835

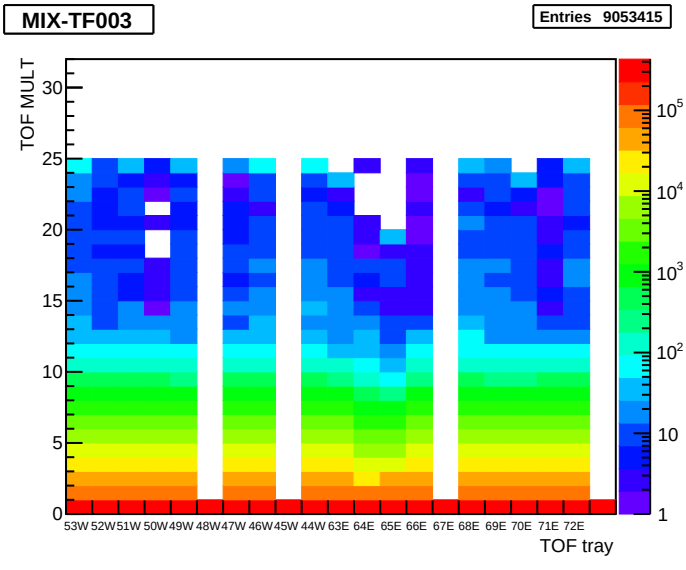

BunchId7Bit (BBC-TAC)
Entries 187773

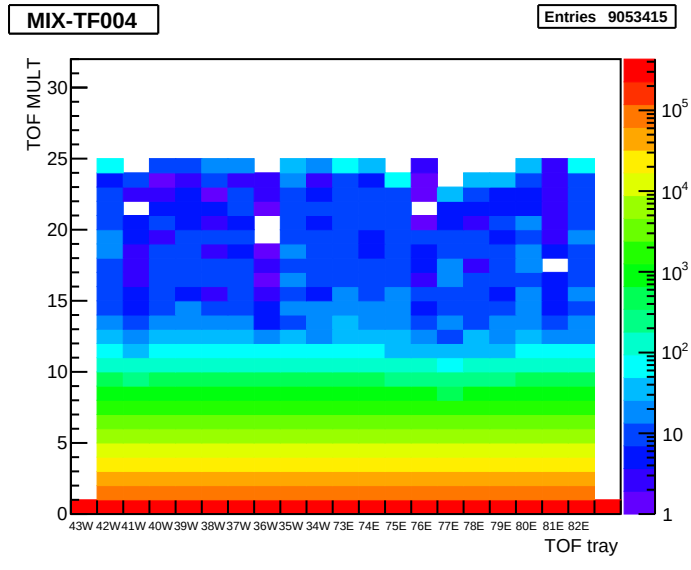

BunchId7Bit (Laser)
Entries 0

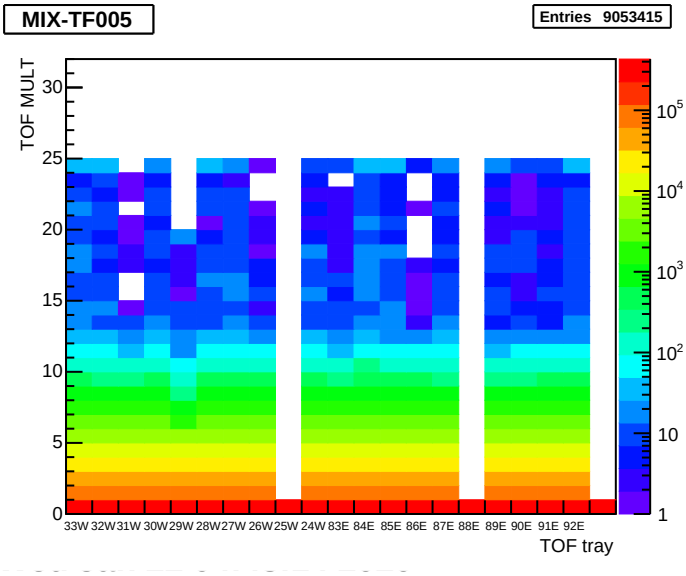

BunchId7Bit (TOFmult window)
Entries 13268

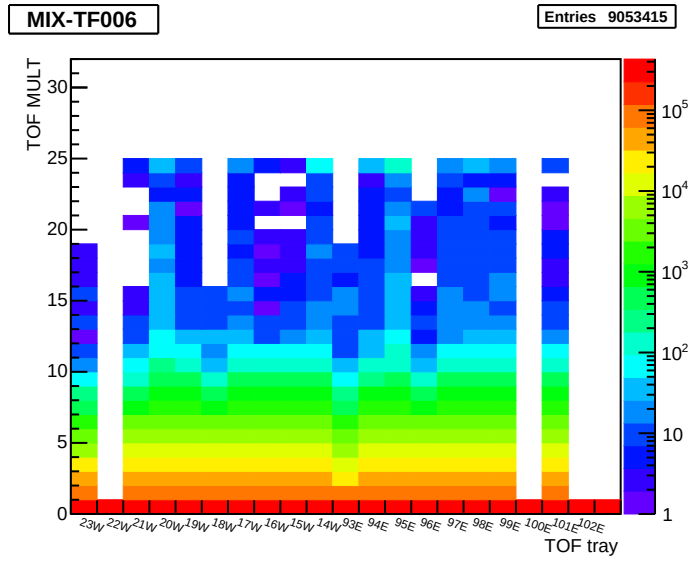

MIX-TF001
Entries 9053415
TOF MULT
TOF tray

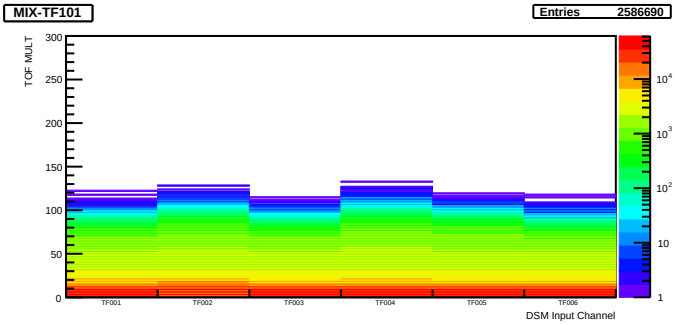

MIX-TF002
Entries 9053415
TOF MULT
TOF tray

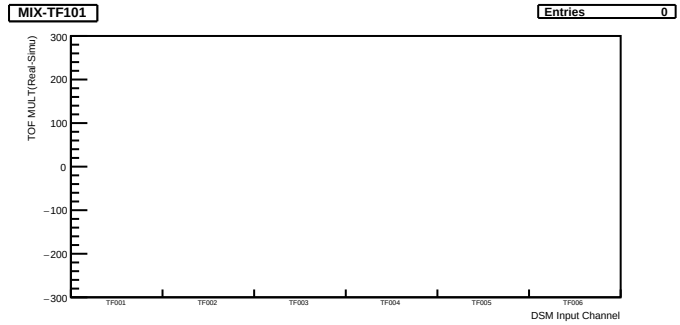

MIX-TF003
Entries 9053415
TOF MULT
TOF tray

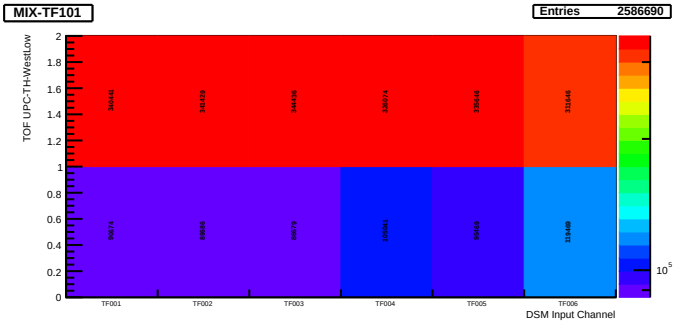

MIX-TF004
Entries 9053415
TOF MULT
TOF tray

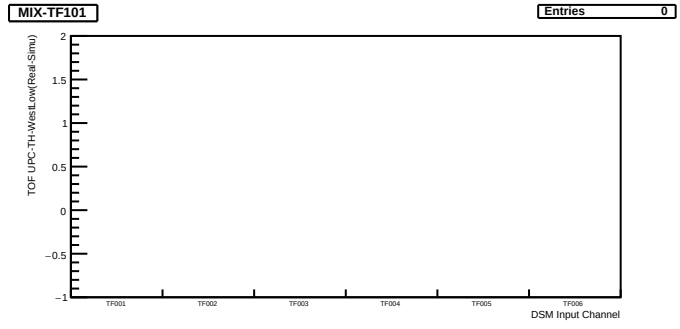

MIX-TF005
Entries 9053415
TOF MULT
TOF tray

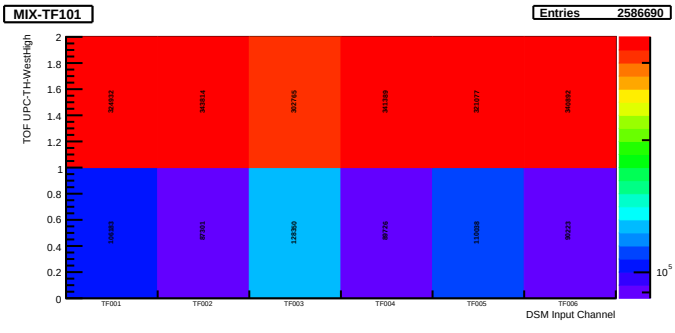

MIX-TF006
Entries 9053415
TOF MULT
TOF tray

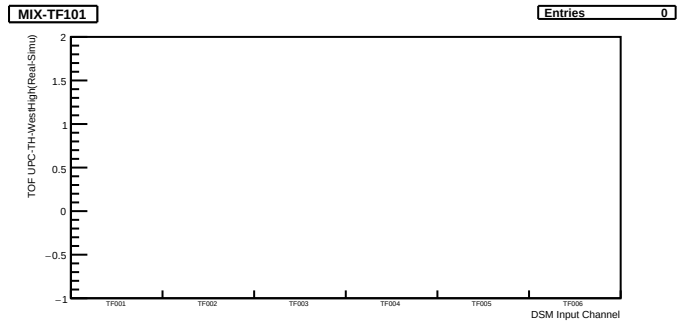

MIX-TF101
Entries 2586690
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

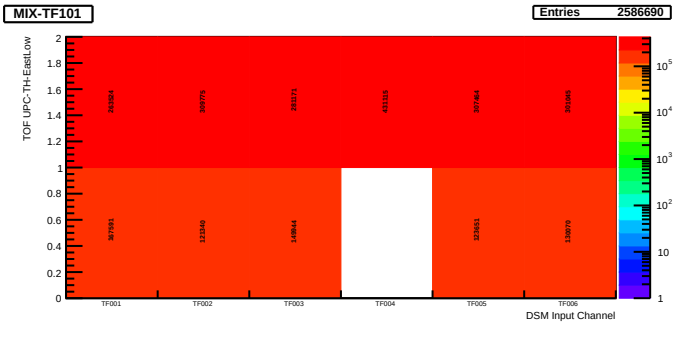

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

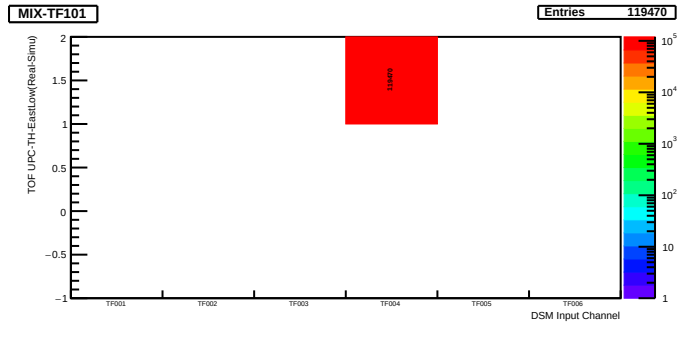

MIX-TF101
Entries 2586690
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

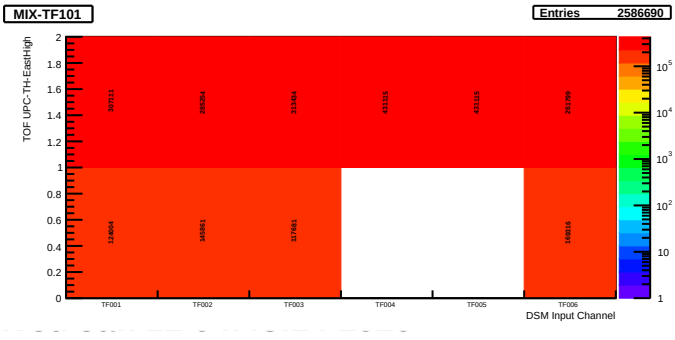

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

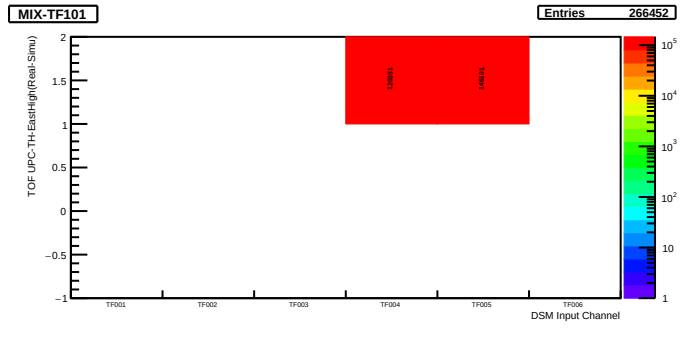

MIX-TF101
Entries 2586690
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

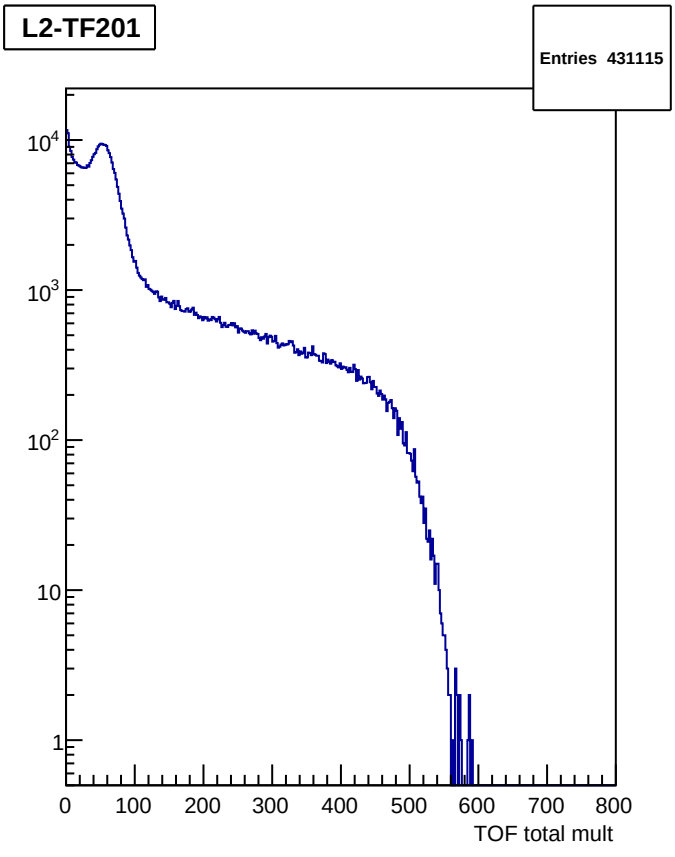

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

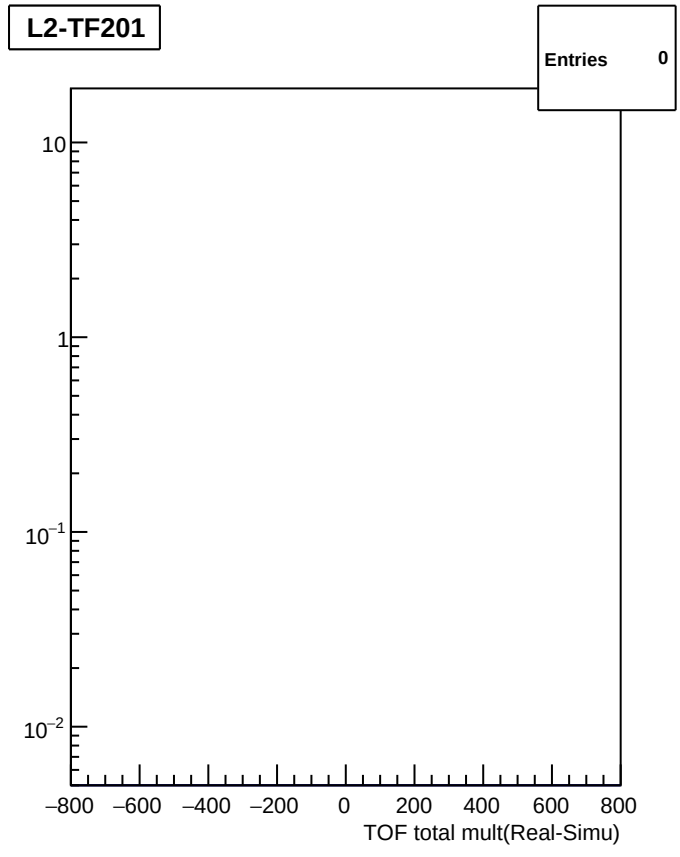

MIX-TF101
Entries 2586690
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

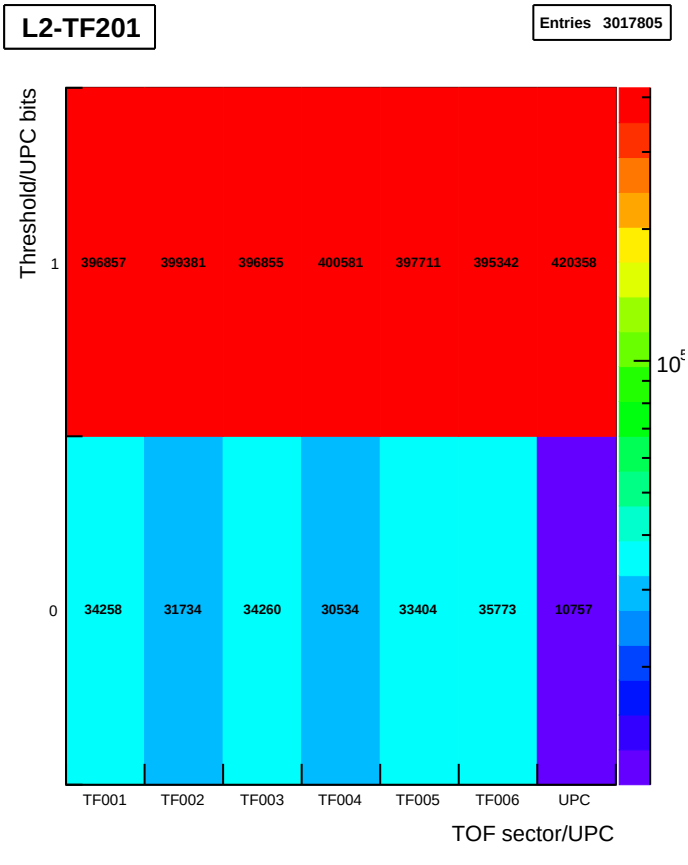

MIX-TF101
Entries 119470
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

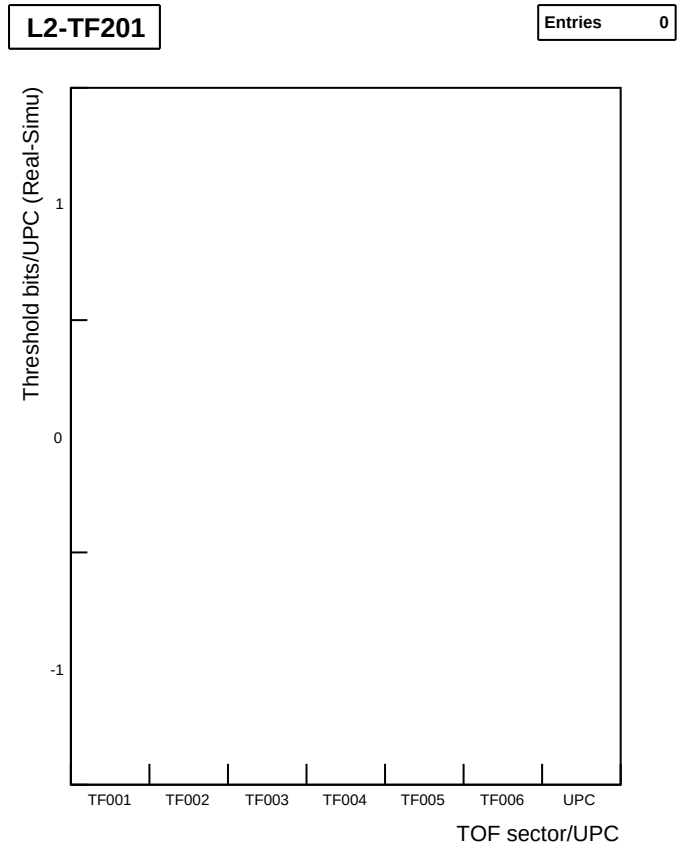

MIX-TF101
Entries 2586690
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

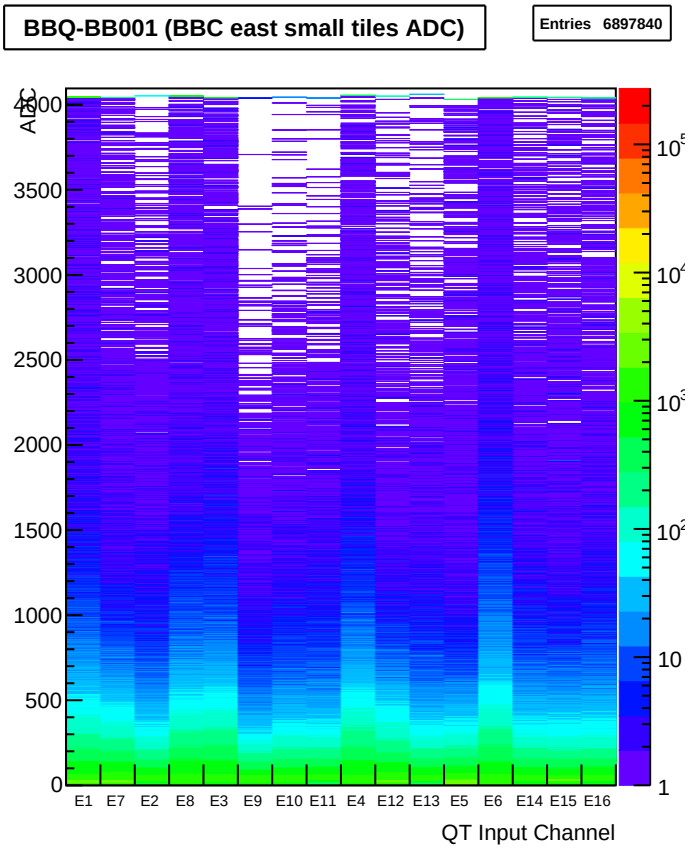

MIX-TF101
Entries 266452
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

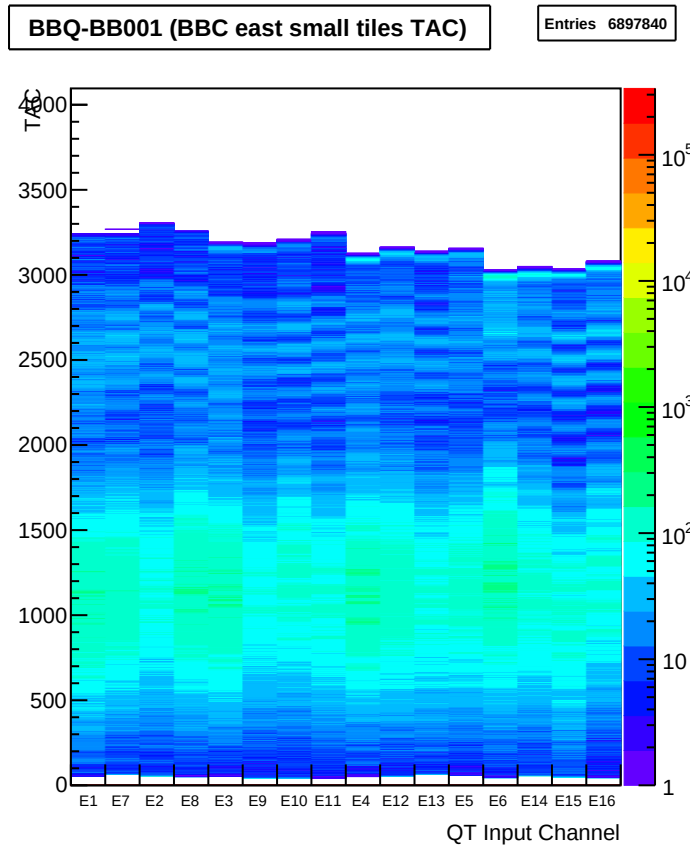

L2-TF201
Entries 431115
TOF total mult

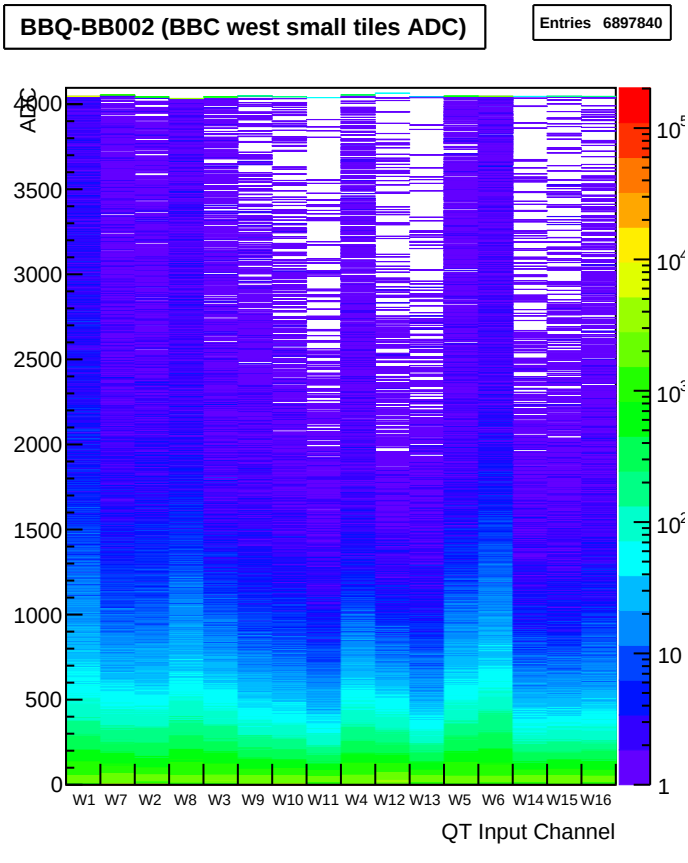

L2-TF201
Entries 0
TOF total mult(Real-Simu)

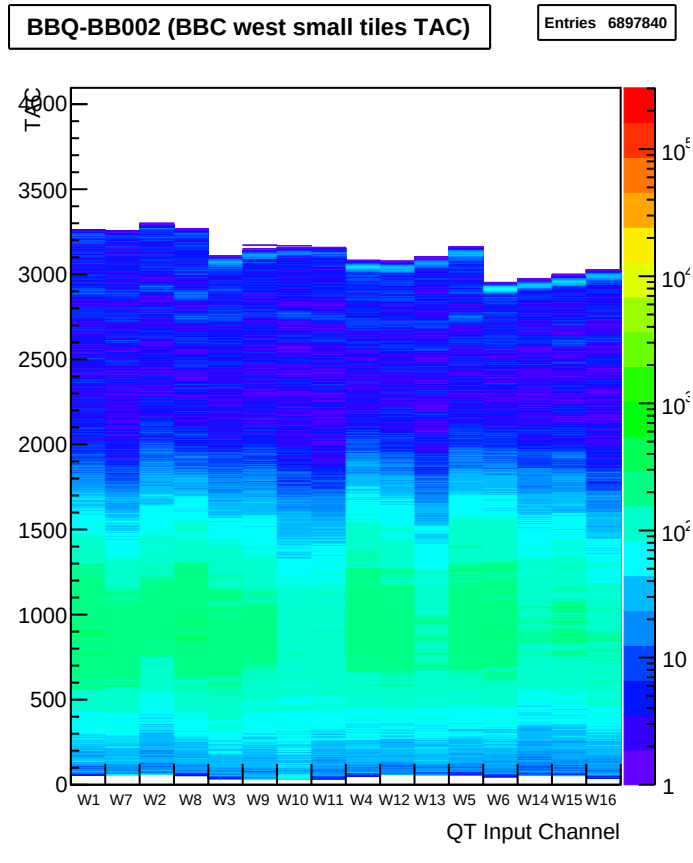

L2-TF201
Entries 3017805
Threshold/UPC bits
396857
399381
396855
400581
397711
395342
420358
34258
31734
34260
30534
33404
35773
10757
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

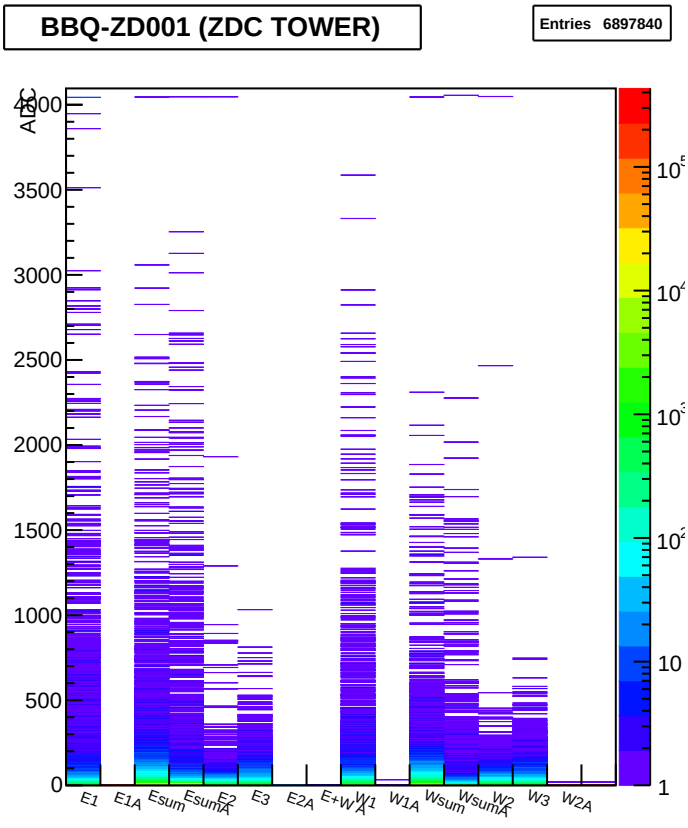

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

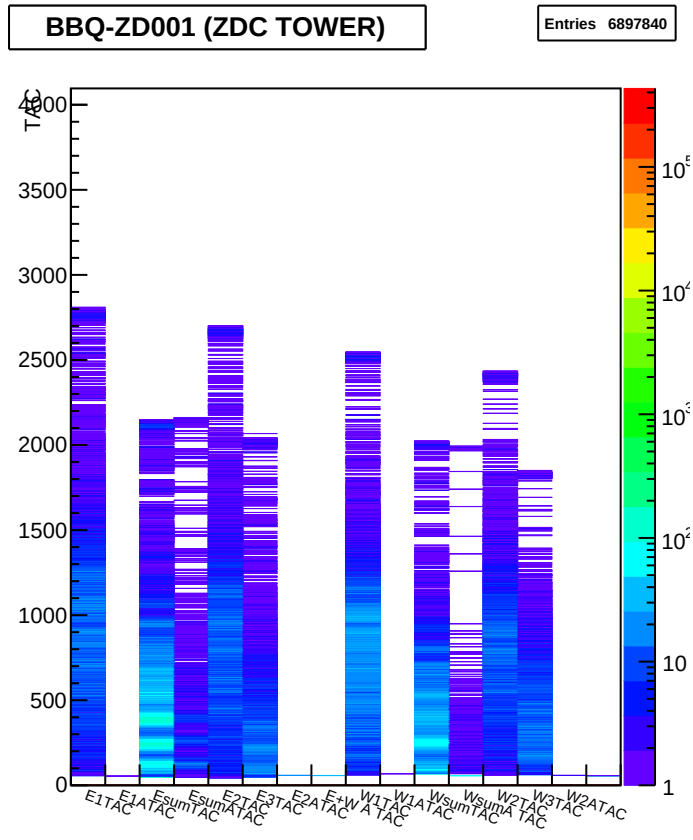

BBQ-BB001 (BBC east small tiles ADC)
Entries 6897840
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

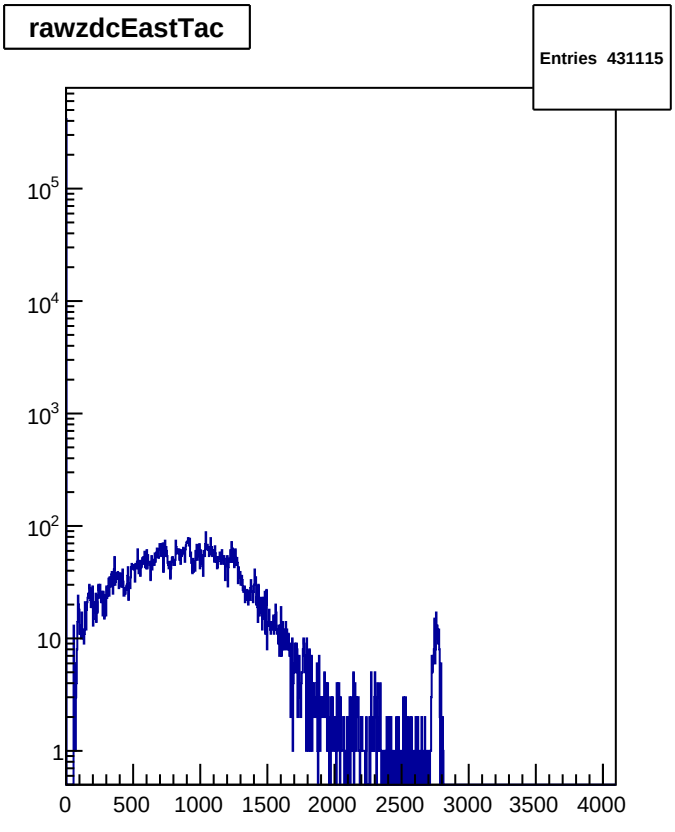

BBQ-BB001 (BBC east small tiles TAC)
Entries 6897840
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

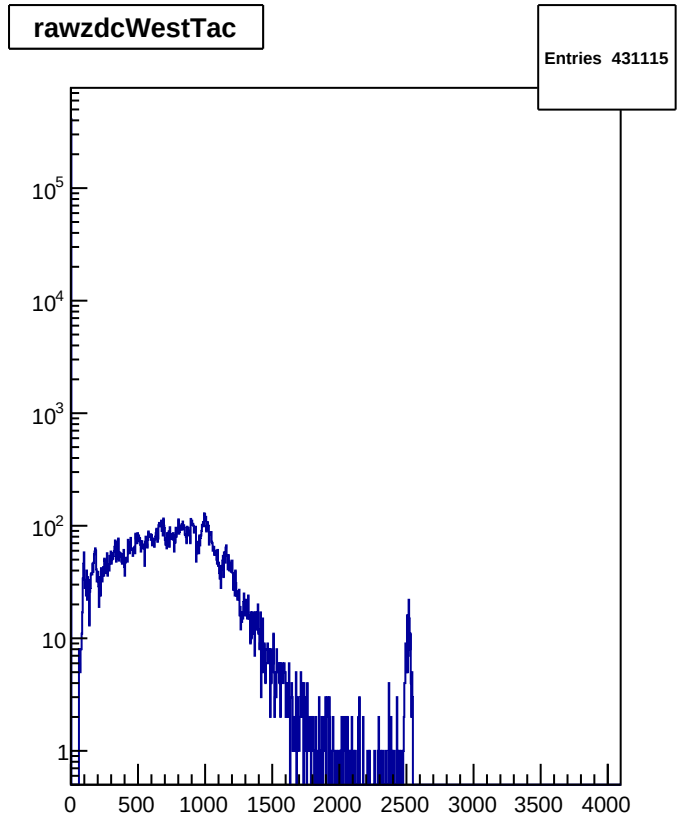

BBQ-BB002 (BBC west small tiles ADC)
Entries 6897840
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

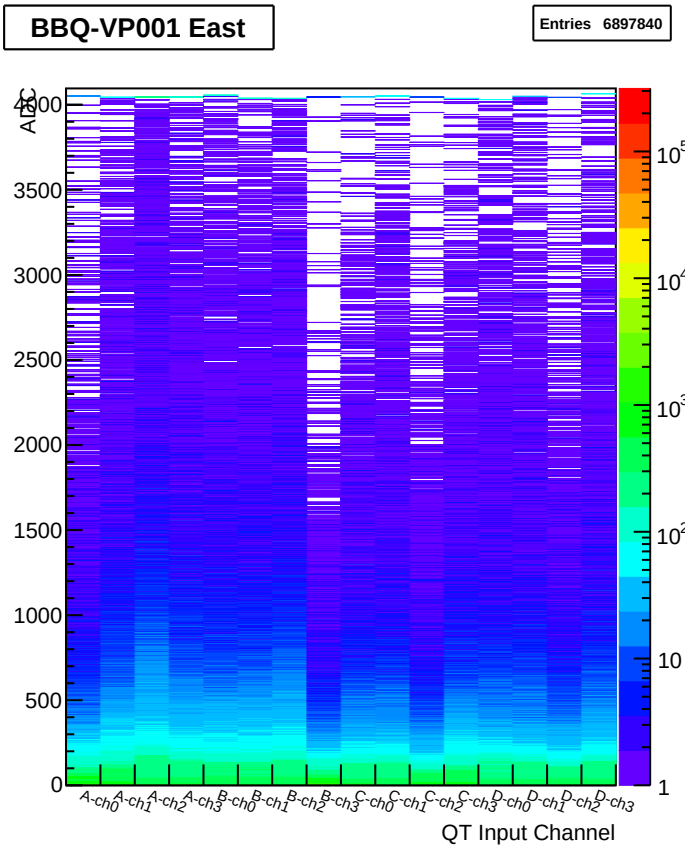

BBQ-BB002 (BBC west small tiles TAC)
Entries 6897840
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

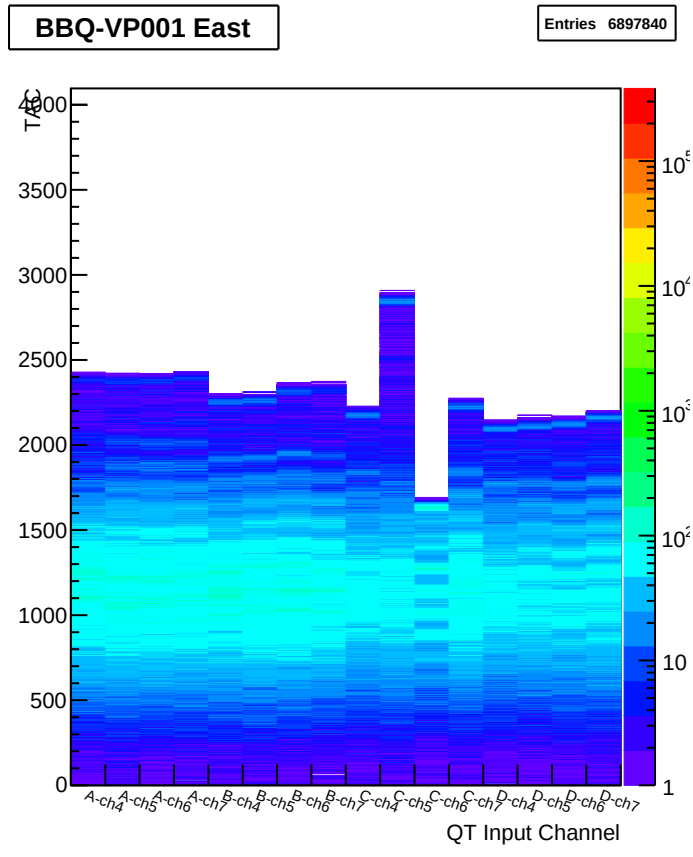

BBQ-ZD001 (ZDC TOWER)
Entries 6897840
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

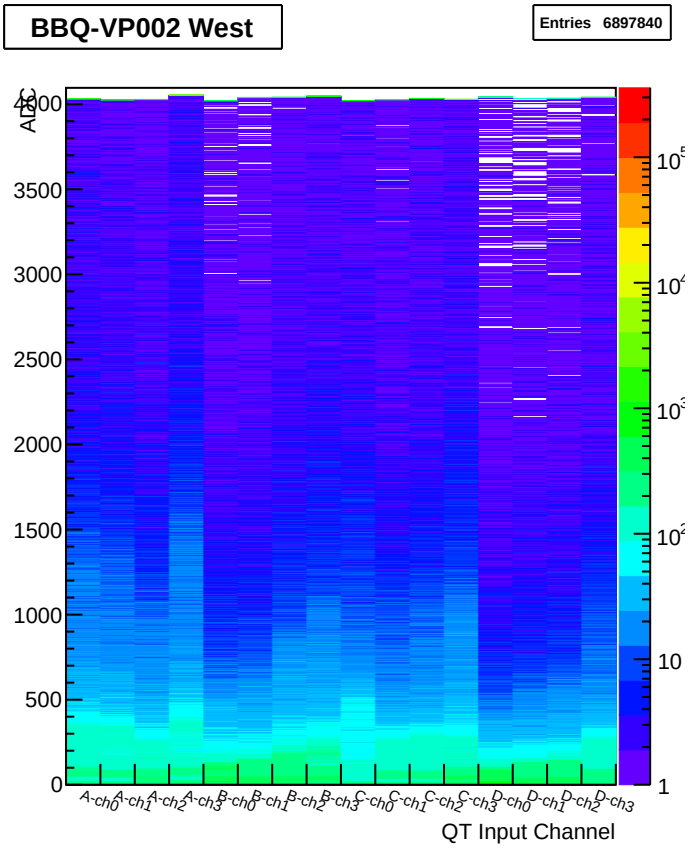

BBQ-ZD001 (ZDC TOWER)
Entries 6897840
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

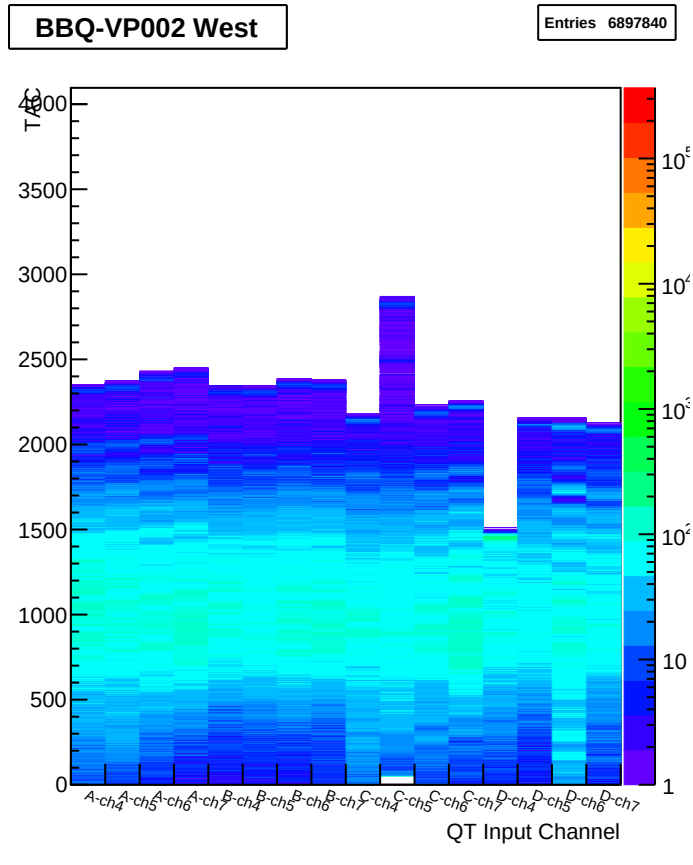

rawzdcEastTac
Entries 431115

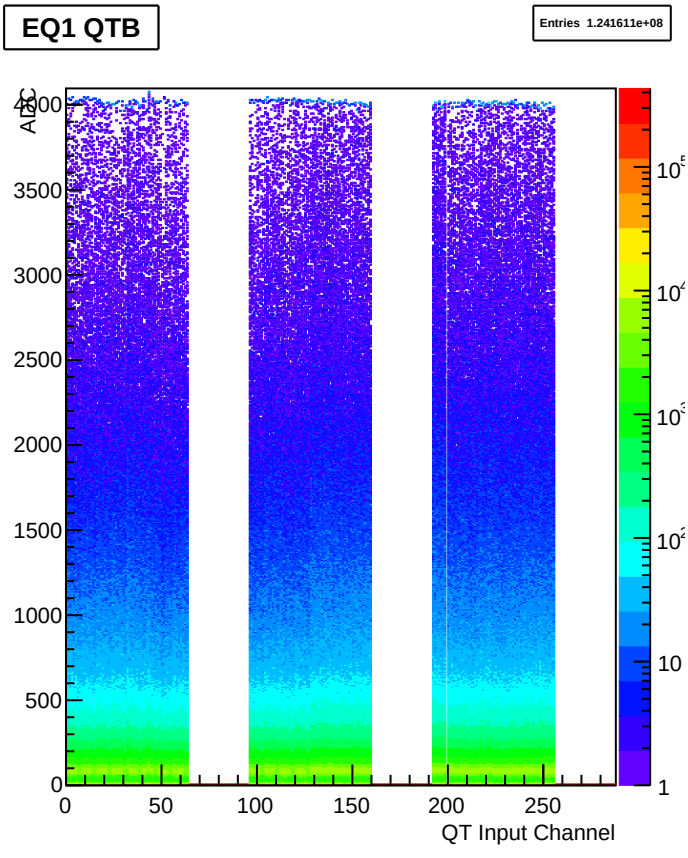

rawzdcWestTac
Entries 431115

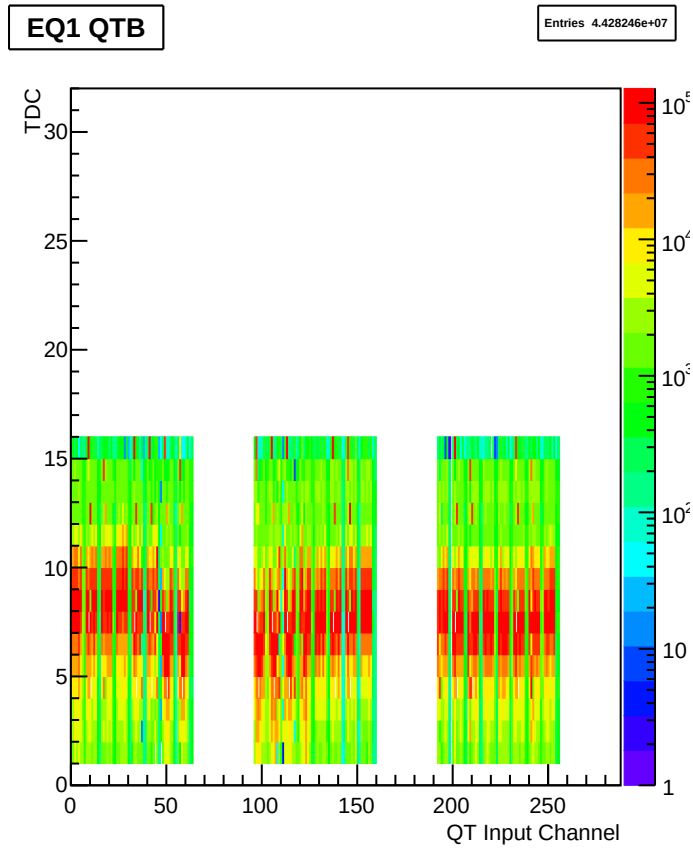

BBQ-VP001 East
Entries 6897840
ADC
QT Input Channel

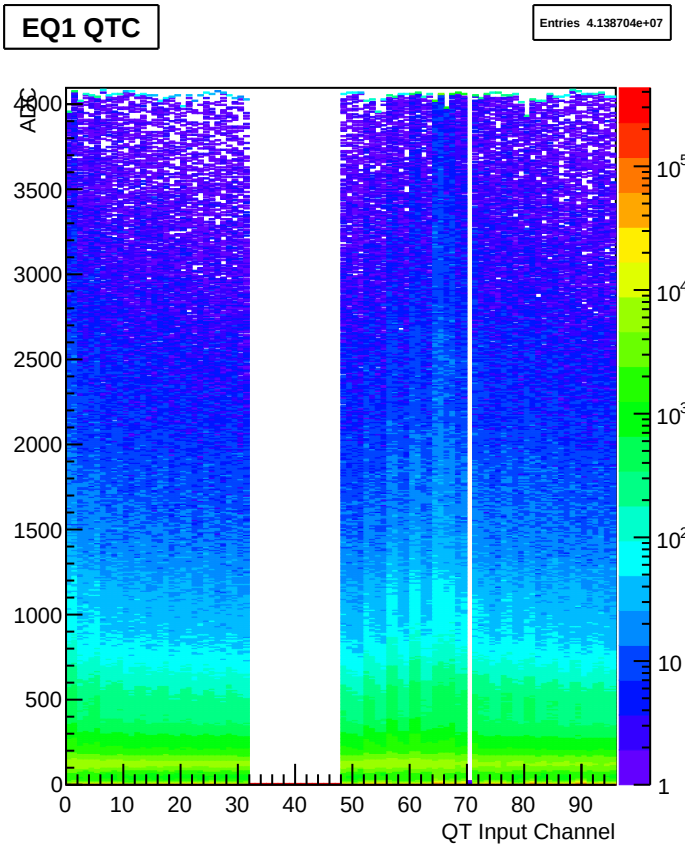

BBQ-VP001 East
Entries 6897840
TAC
QT Input Channel

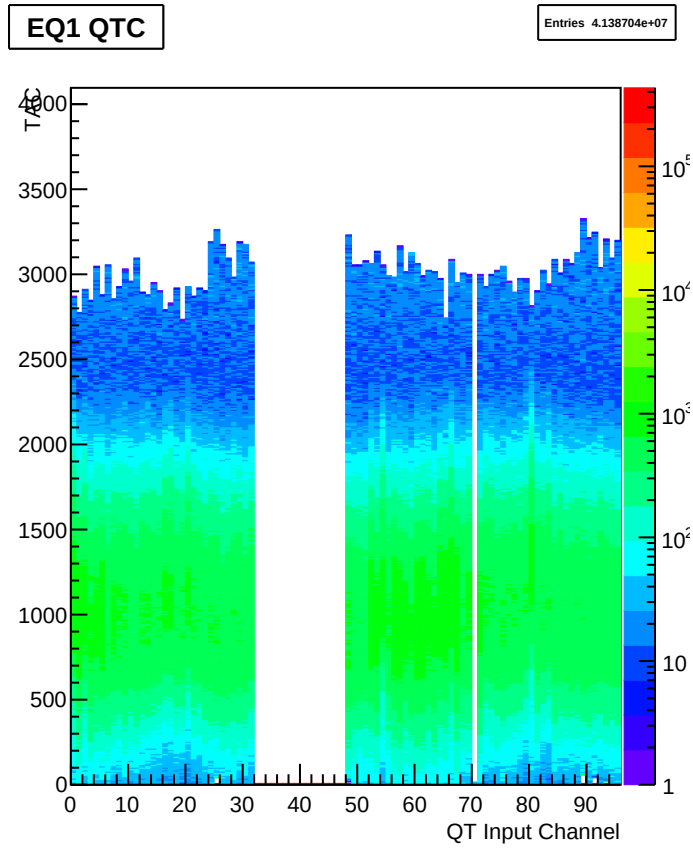

BBQ-VP002 West
Entries 6897840
ADC
QT Input Channel

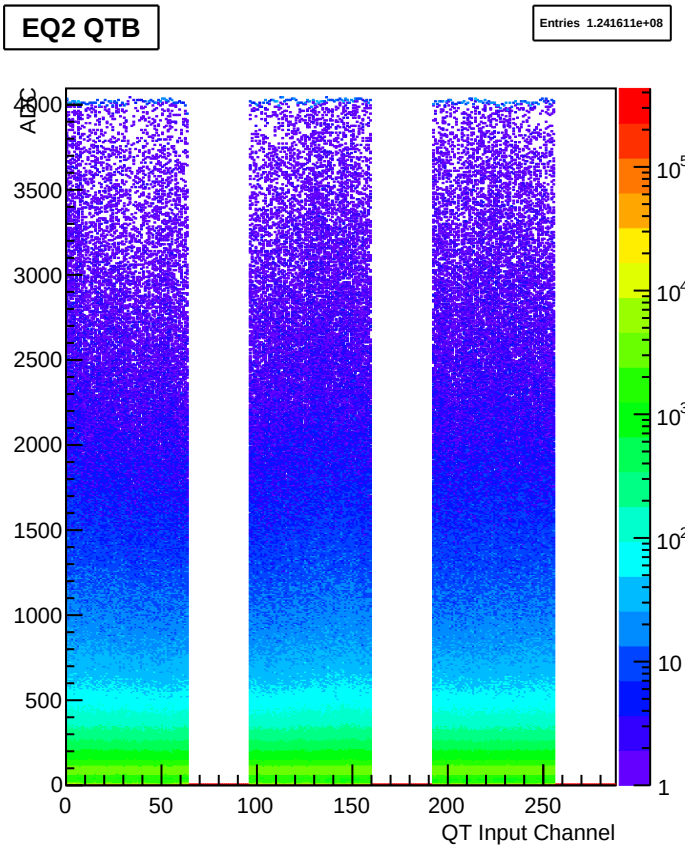

BBQ-VP002 West
Entries 6897840
TAC
QT Input Channel

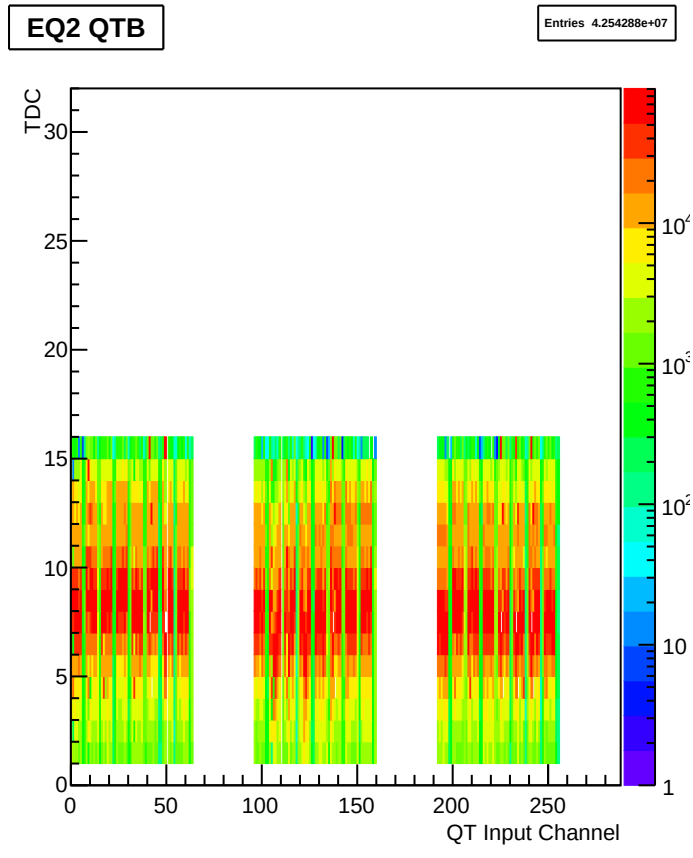

EQ1 QTB
Entries 1.241611e+08
ADC
QT Input Channel

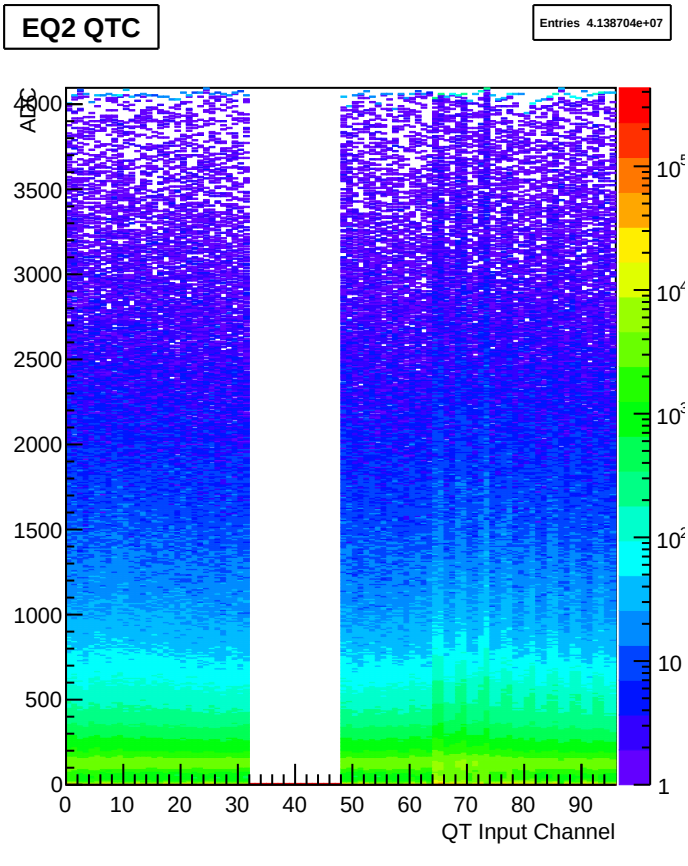

EQ1 QTB
Entries 4.428246e+07
TDC
QT Input Channel

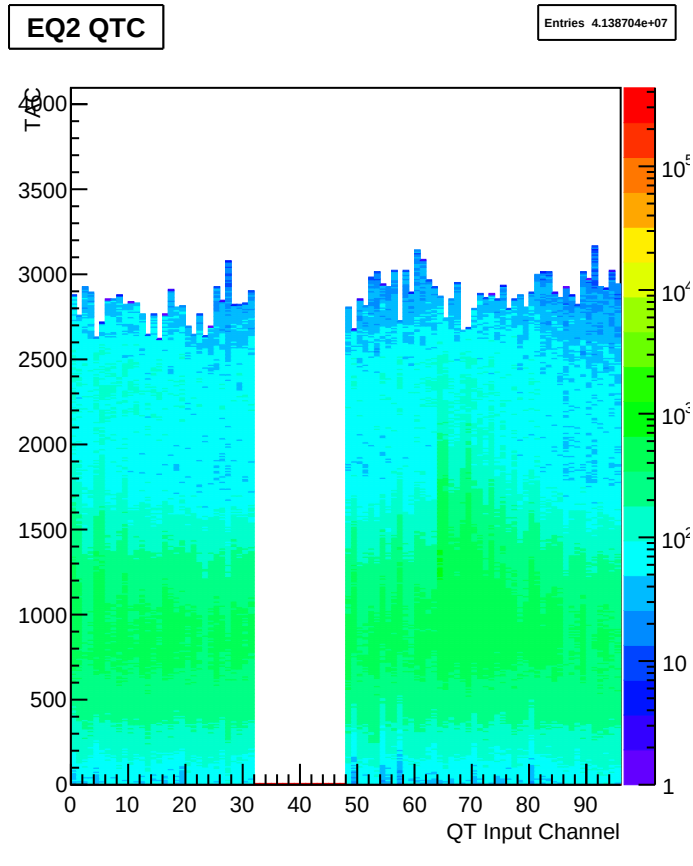

EQ1 QTC
Entries 4.138704e+07
ADC
QT Input Channel

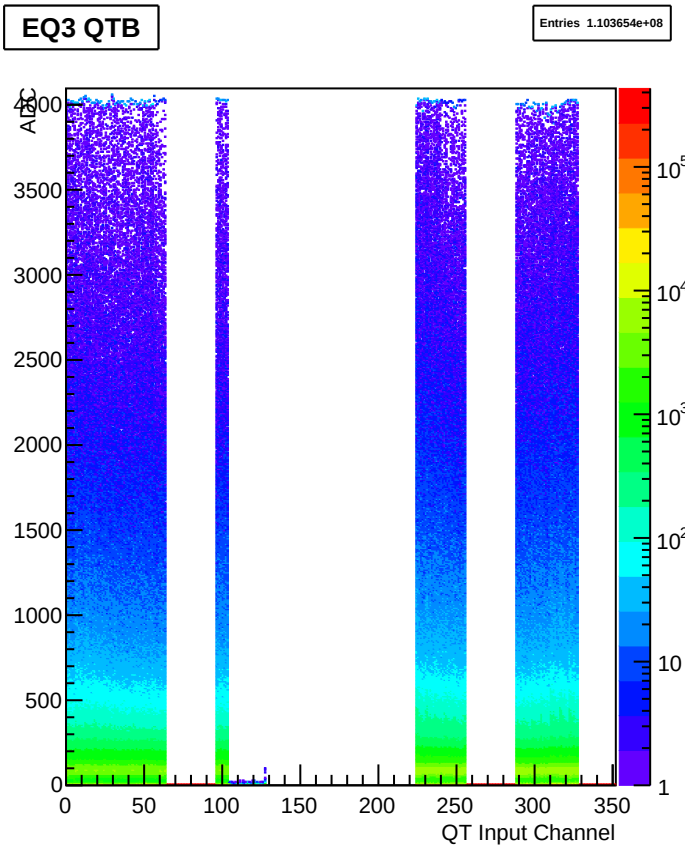

EQ1 QTC
Entries 4.138704e+07
TADC
QT Input Channel

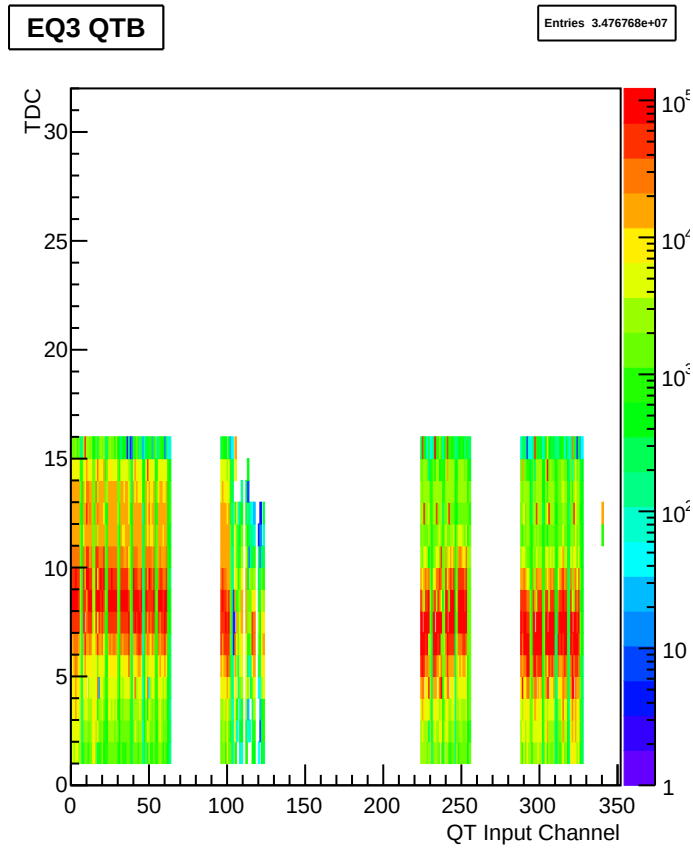

EQ2 QTB
Entries 1.241611e+08
ADC
QT Input Channel

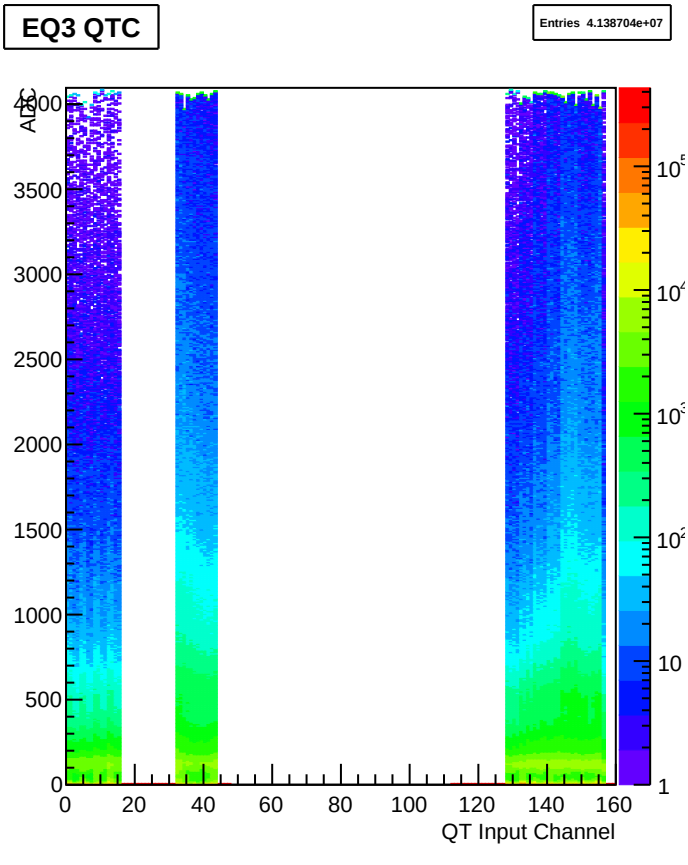

EQ2 QTB
Entries 4.254288e+07
TDC
QT Input Channel

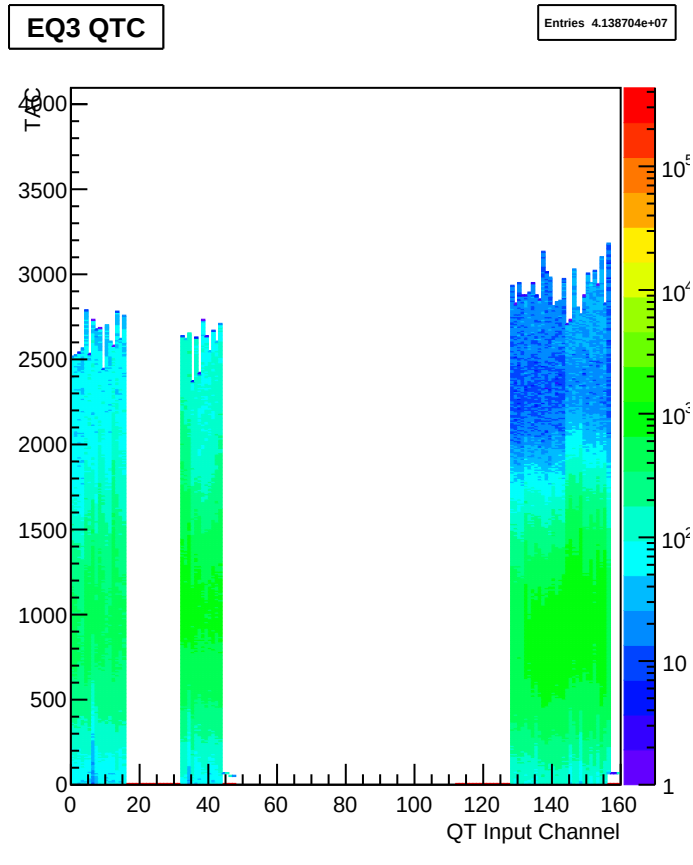

EQ2 QTC
Entries 4.138704e+07
ADC
QT Input Channel

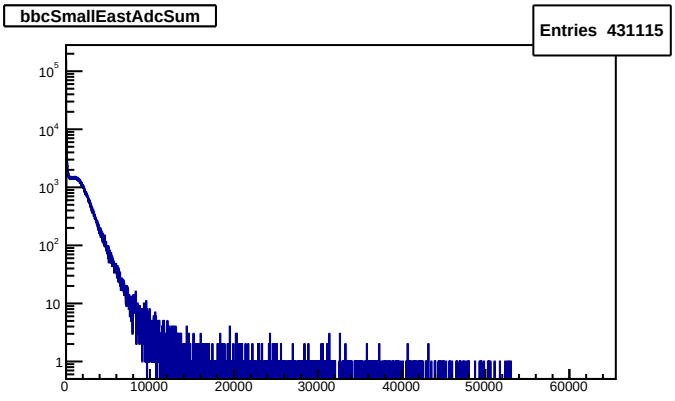

EQ2 QTC
Entries 4.138704e+07
TADC
QT Input Channel

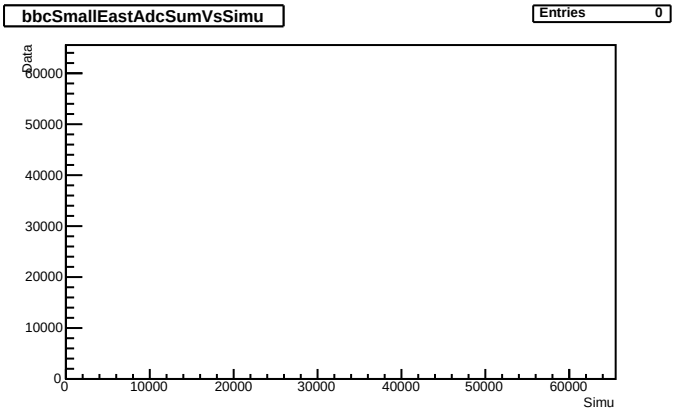

EQ3 QTB
Entries 1.103654e+08
ADC
QT Input Channel

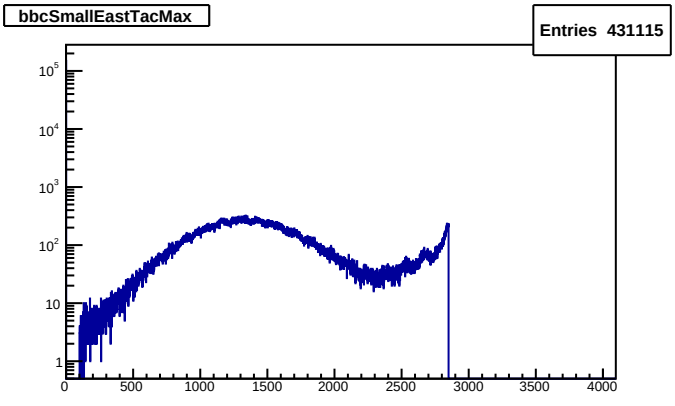

EQ3 QTB
Entries 3.476768e+07
TDC
QT Input Channel

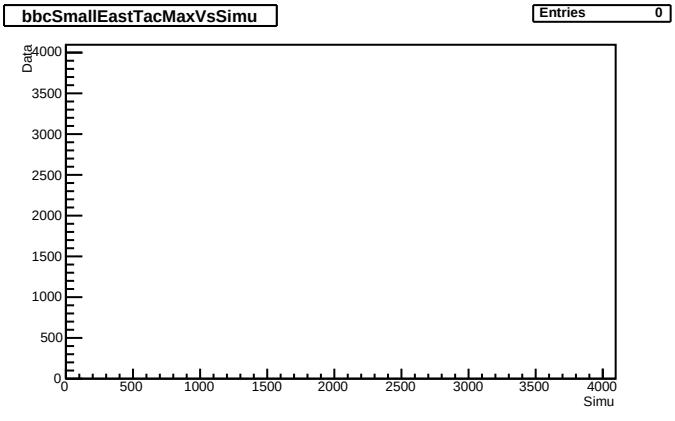

EQ3 QTC
Entries 4.138704e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.138704e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 431115


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 431115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Entries 0
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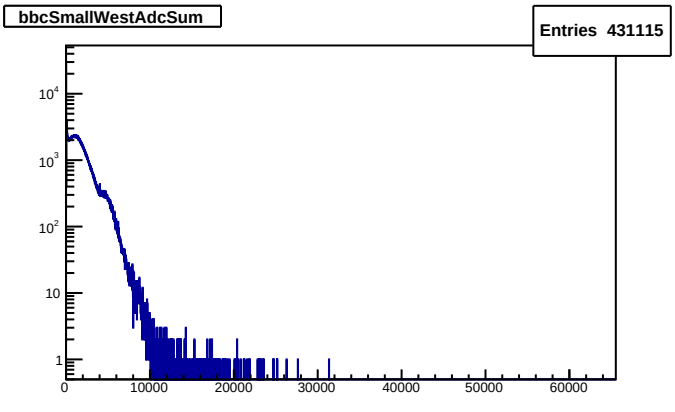
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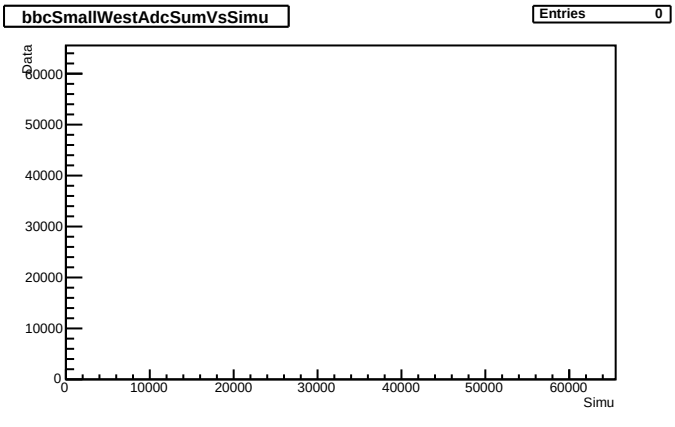
Entries 431115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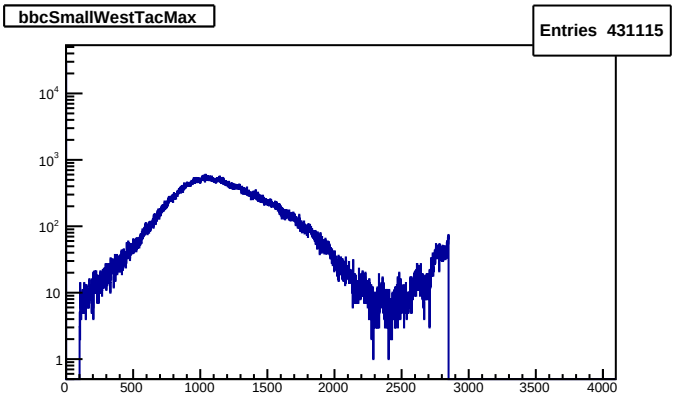
Entries 0
Data
Simu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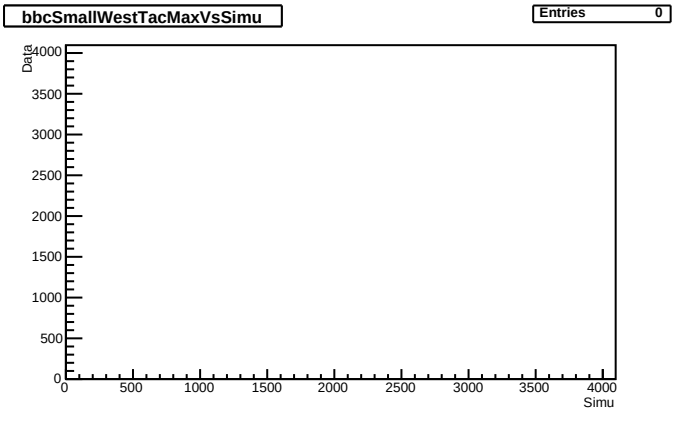
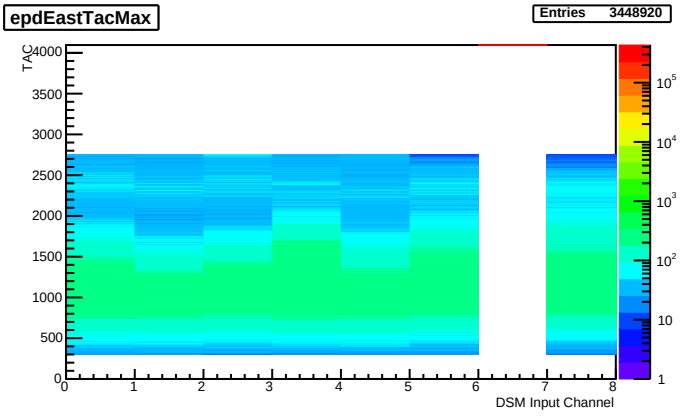
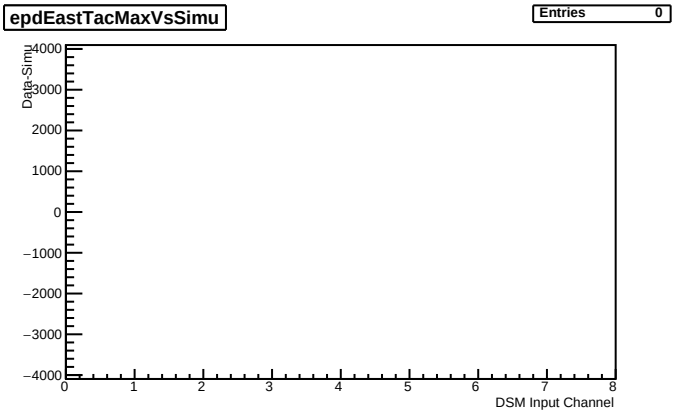
Entries 431115


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 3448920
TAC
DSM Input Channel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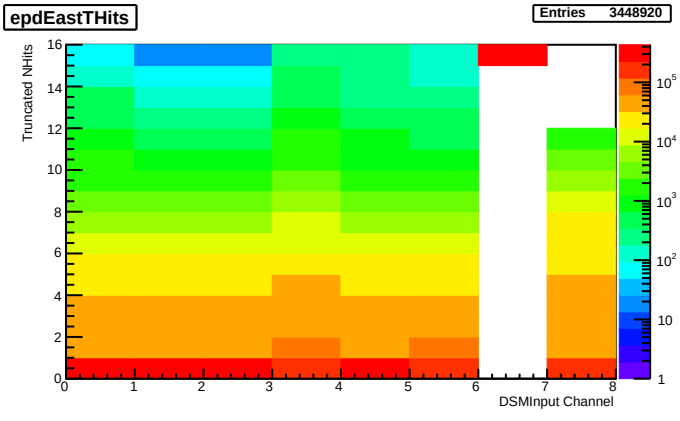
Entries 0
Data-Simu
DSM Input Channel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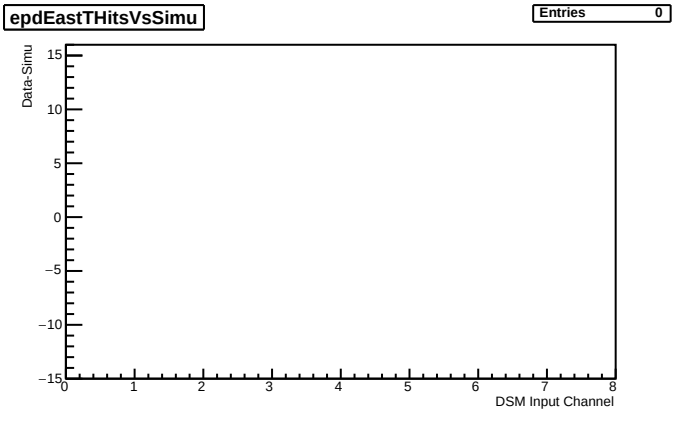
Entries 3448920
Truncated NHits
DSMInput Channel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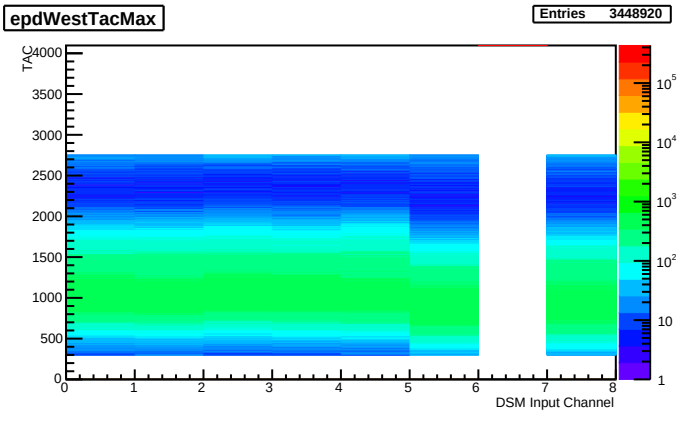
Data-Simu
DSM Input Channel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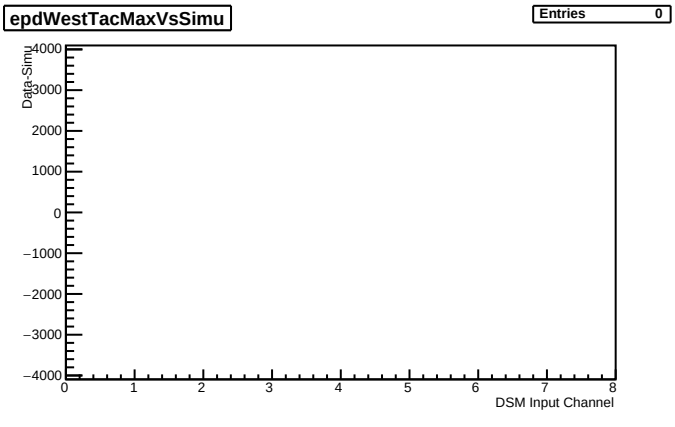
DSM Input Channel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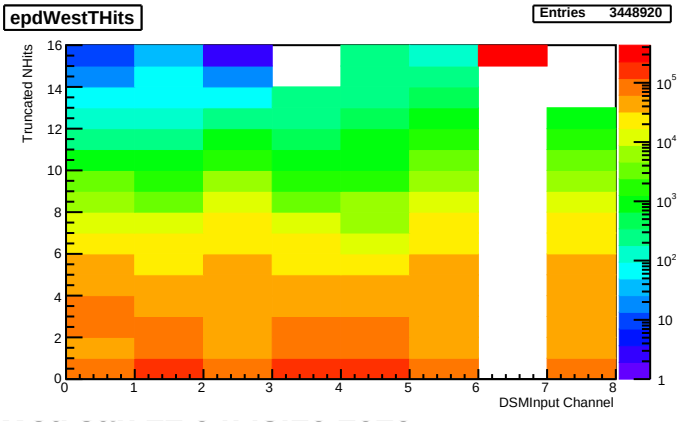
Entries 0
Data-Simu
DSM Input Channel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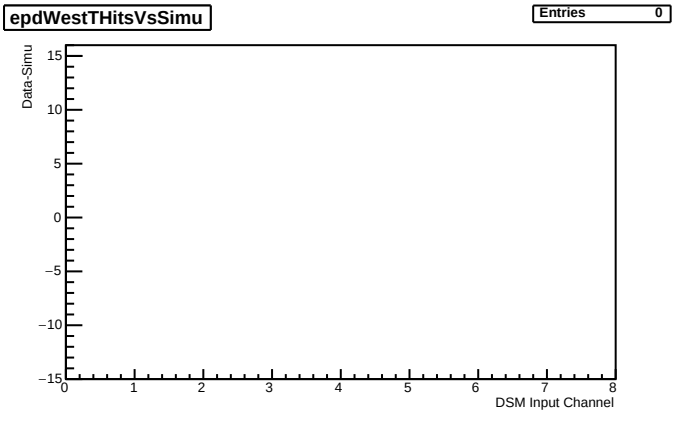
Entries 3448920
Truncated NHits
DSMInput Channel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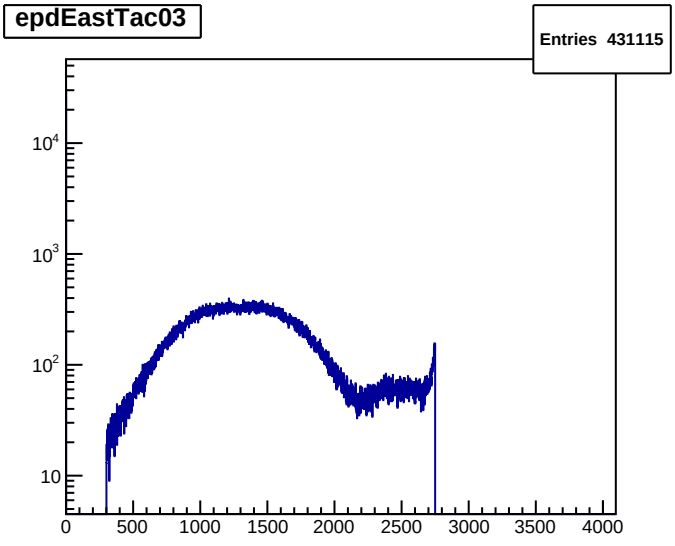
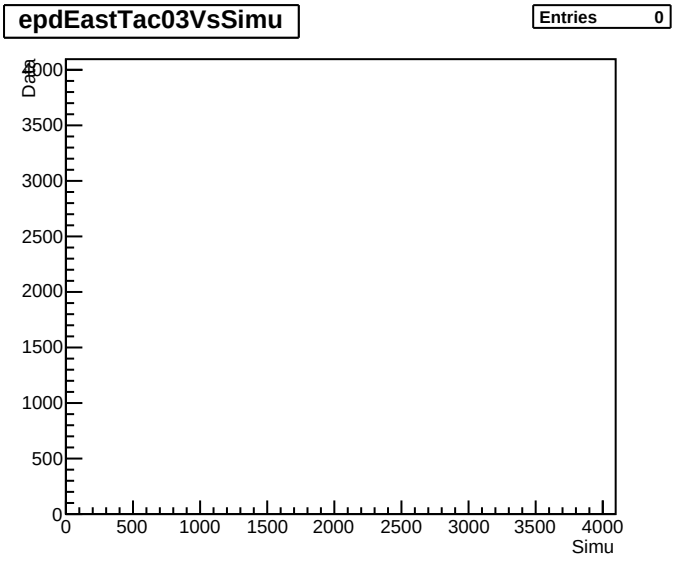
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 431115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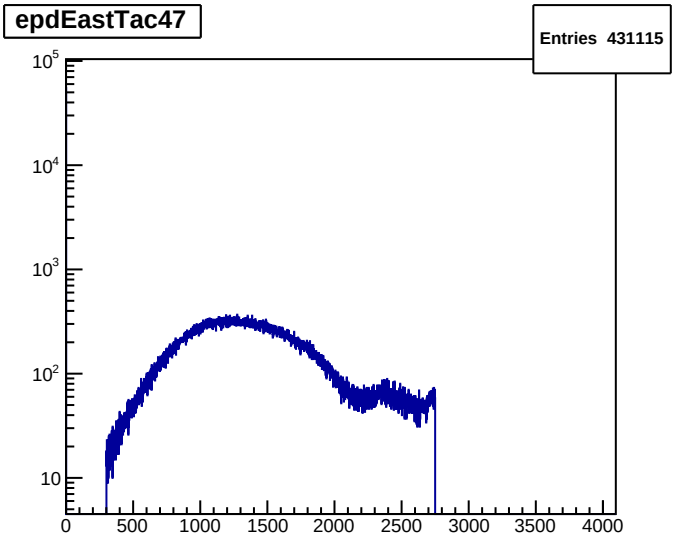
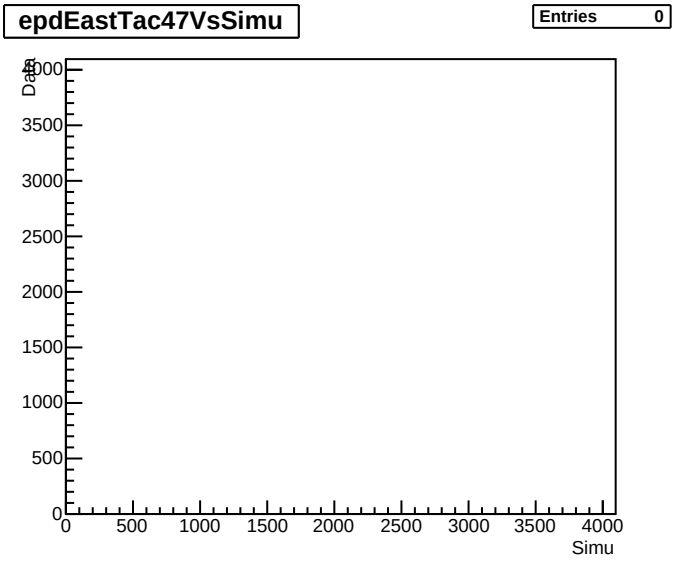
Entries 0
Data
Simu


epdEastTac47
Entries 431115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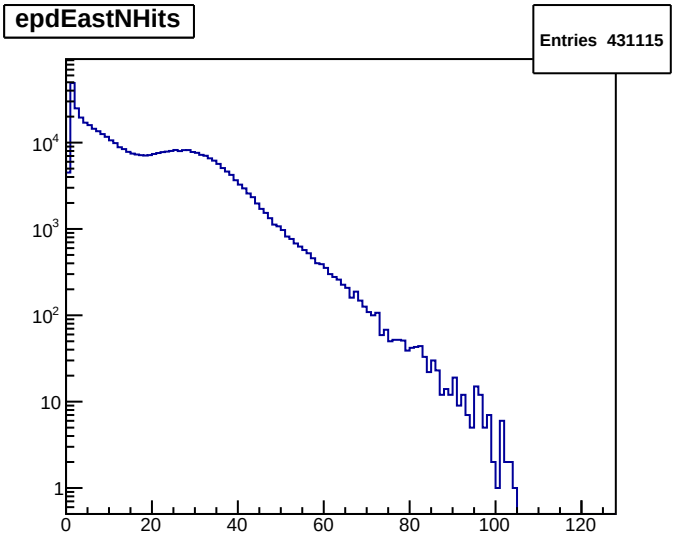
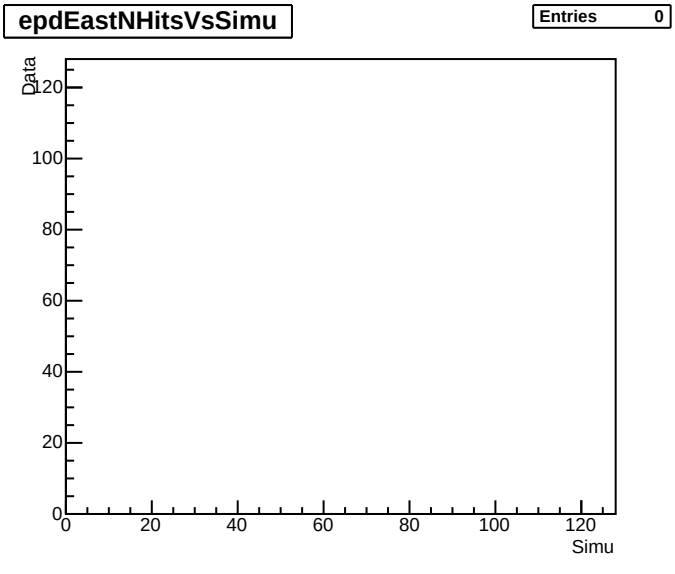
Entries 0
Data
Simu


epdEastNHits
Entries 431115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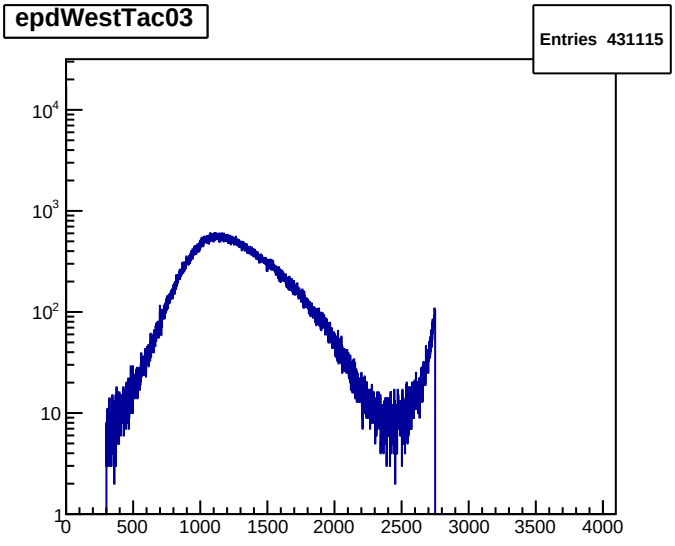
Entries 0
Data
Simu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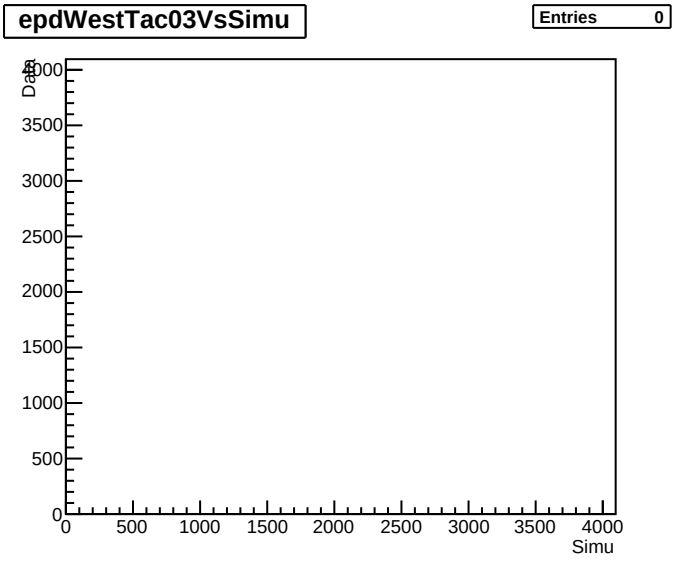
Entries 431115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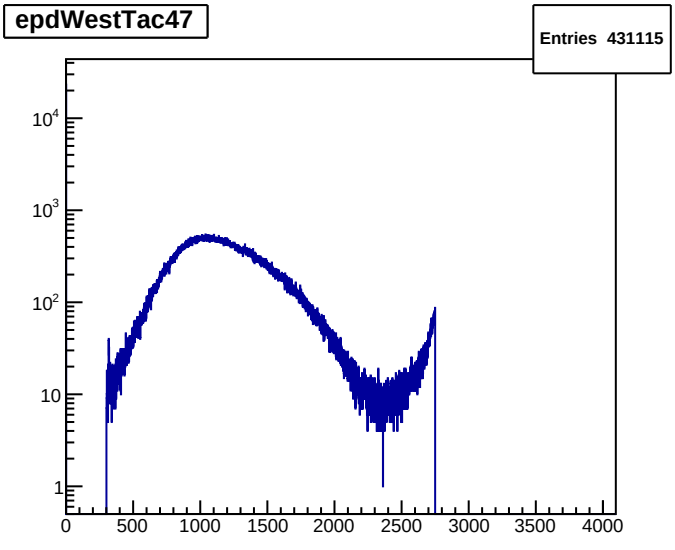
Entries 0
Data
Simu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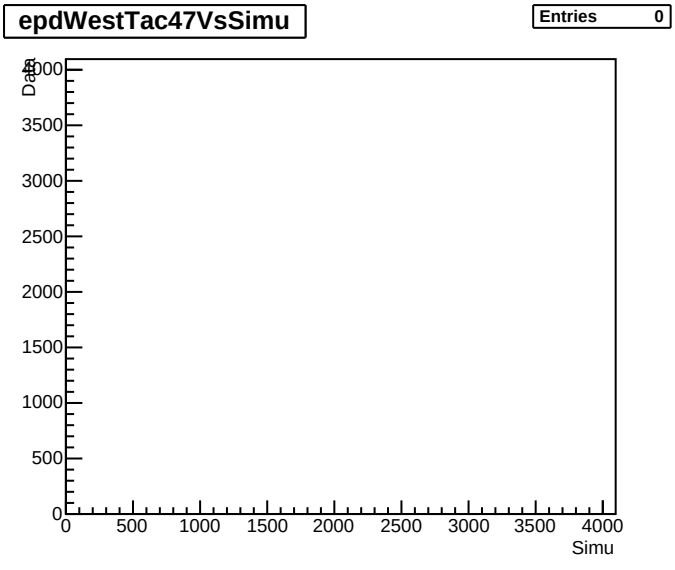
Entries 431115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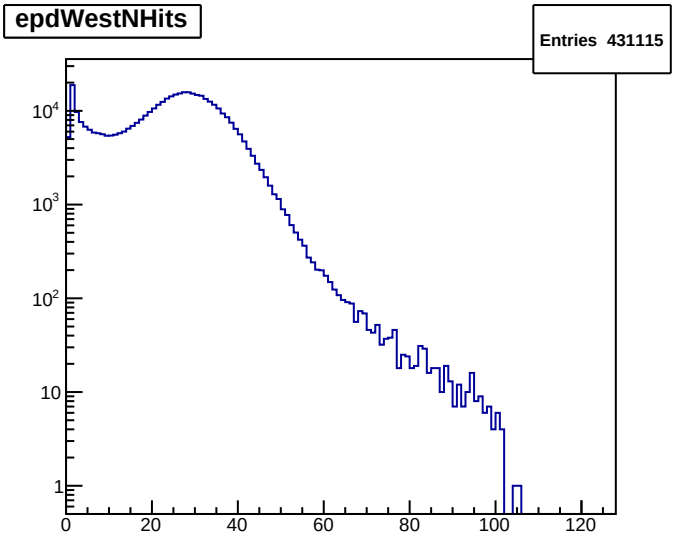
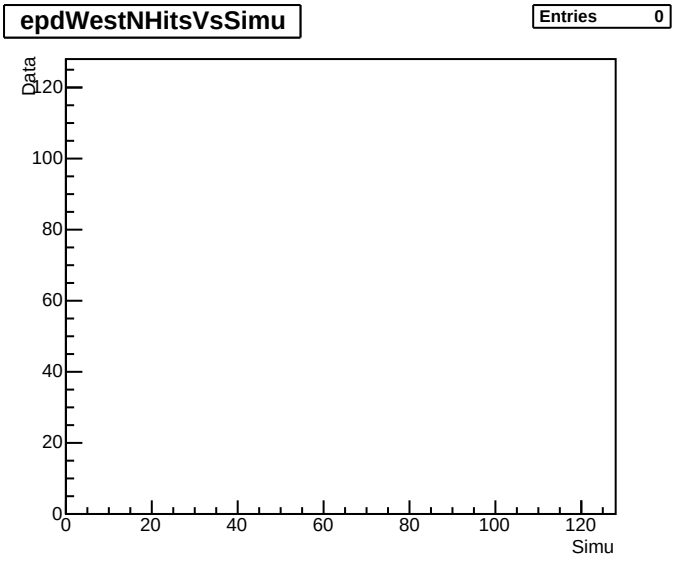
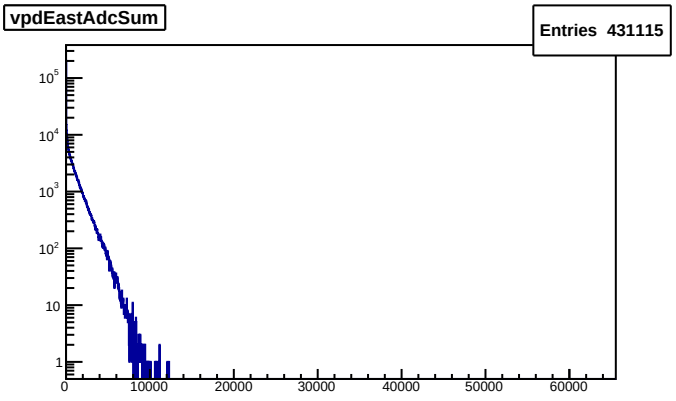
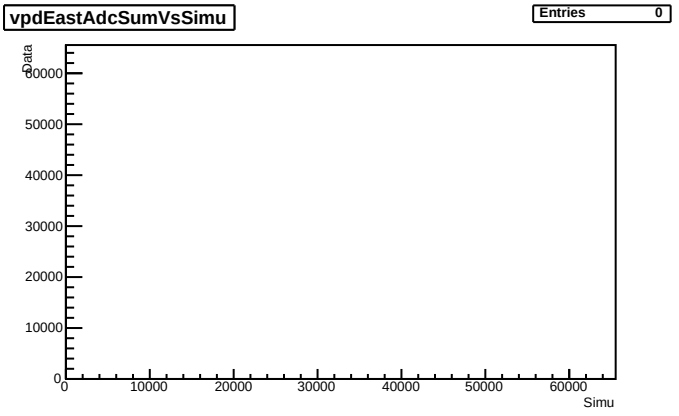
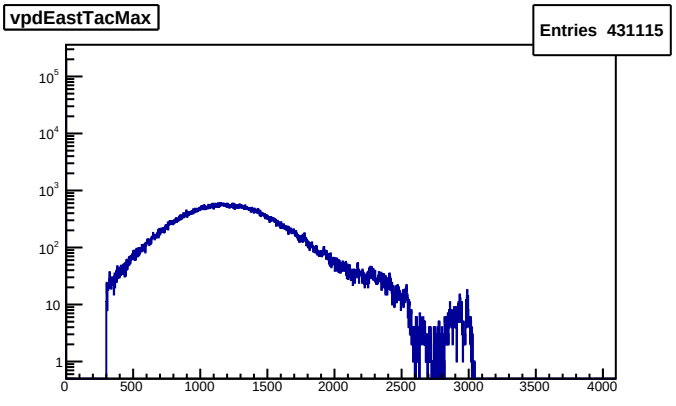
Entries 0
Data
Simu

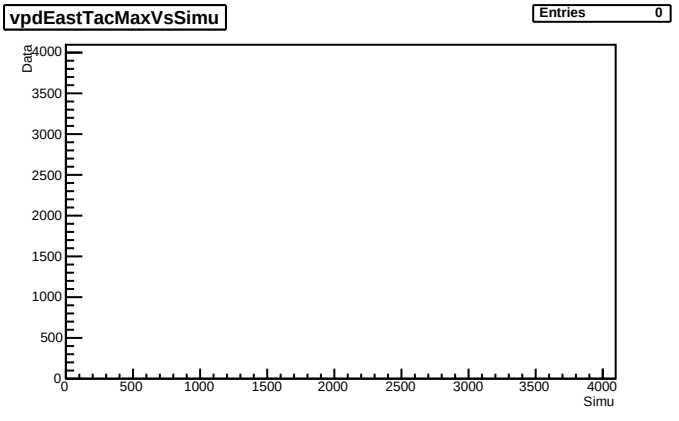

epdWestNHits
Entries 431115


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 431115


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 431115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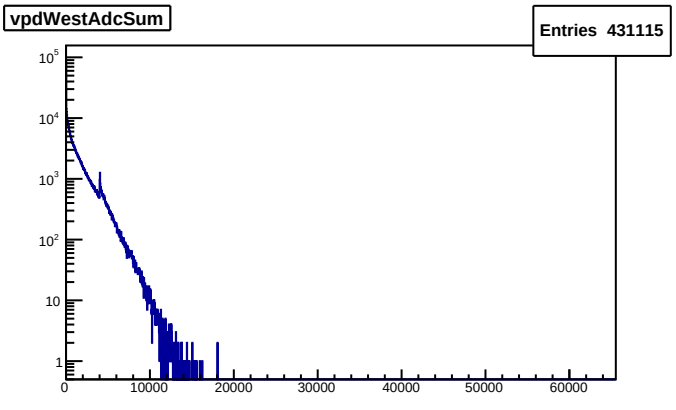
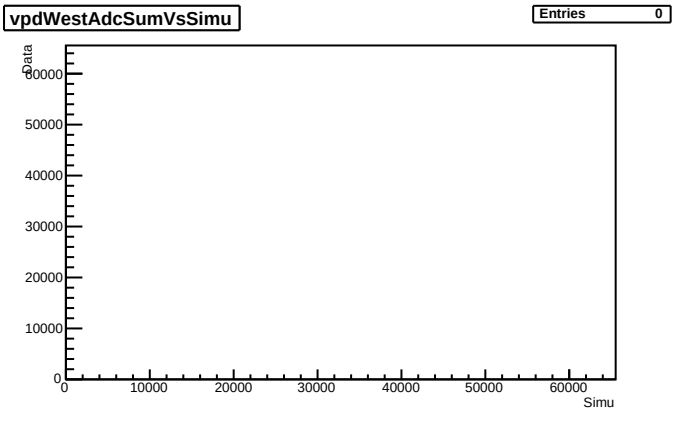
Entries 0
Data
Simu


vpdWestAdcSum
Entries 431115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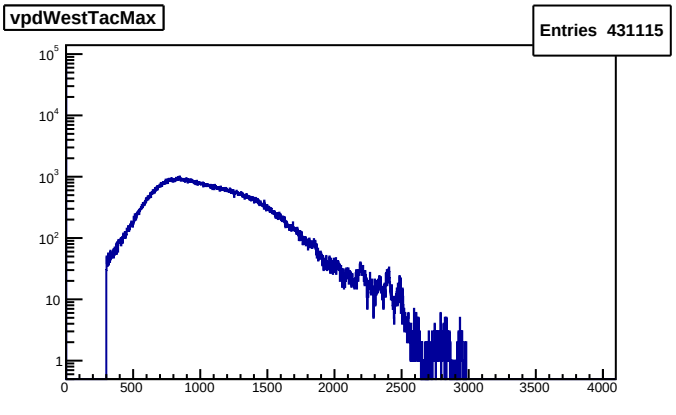
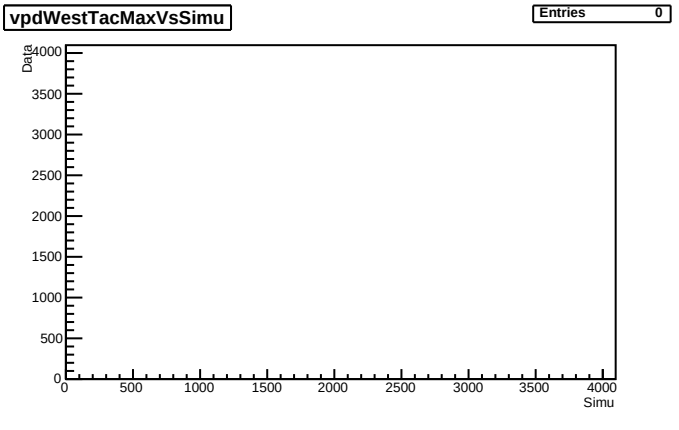
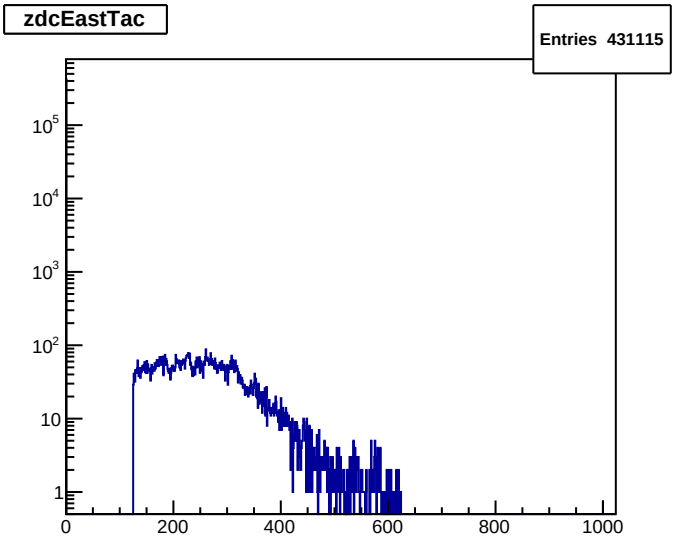
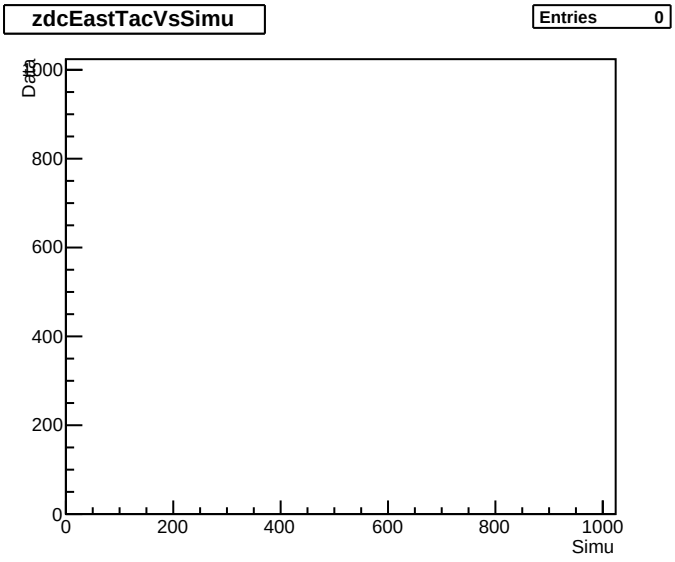
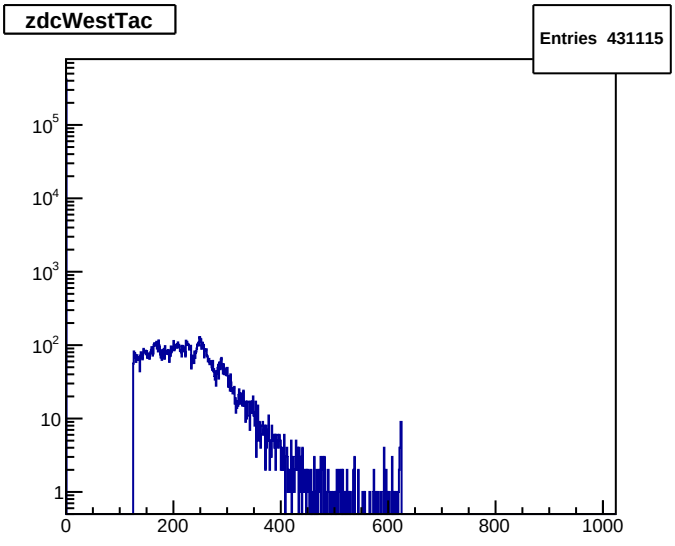
Entries 0
Data
Simu

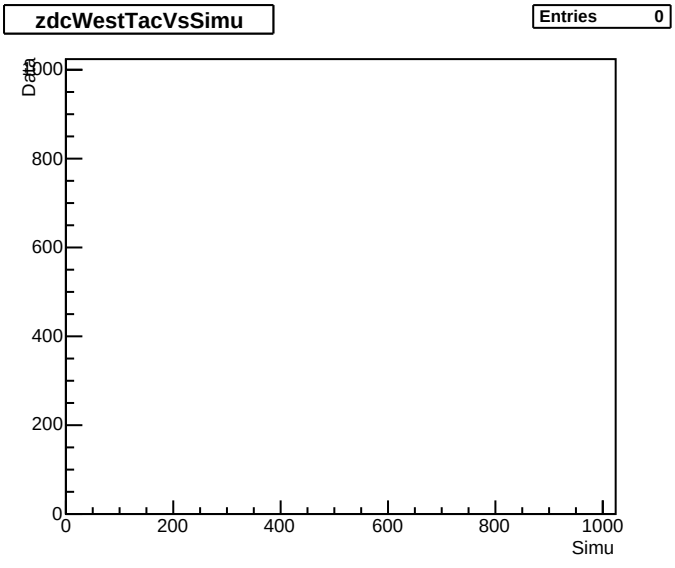

vpdWestTacMax
Entries 431115

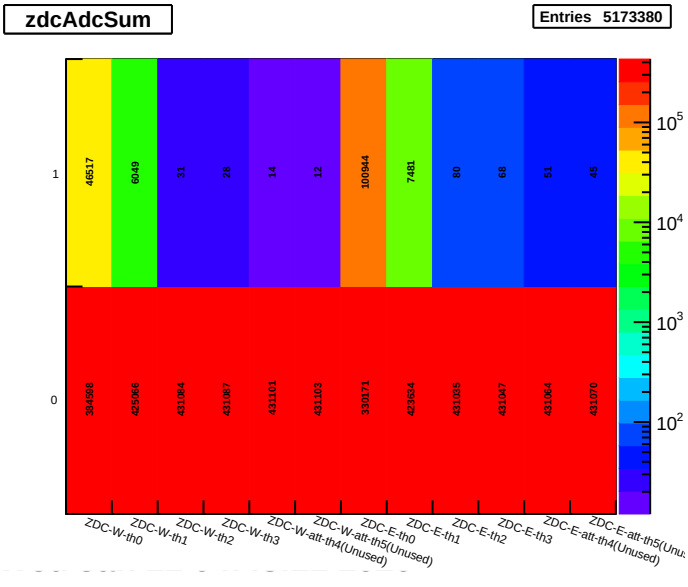

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

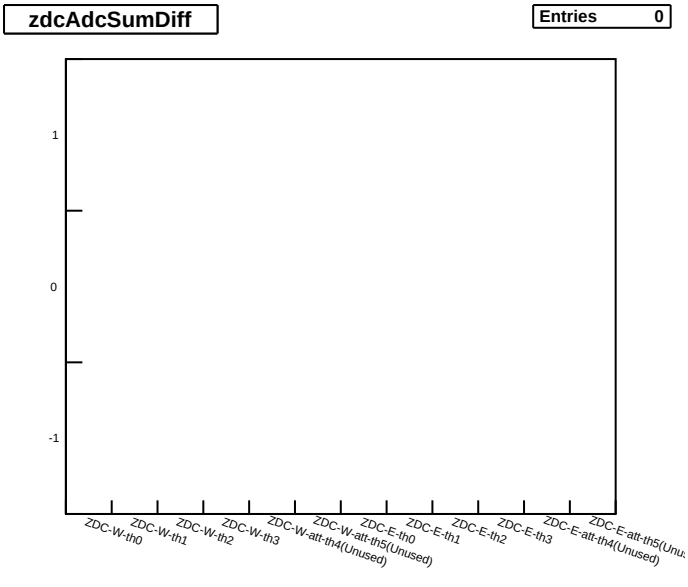

zdcEastTac
Entries 431115
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

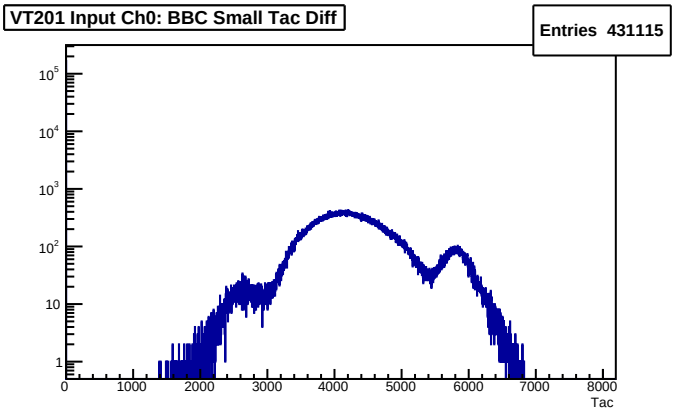

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

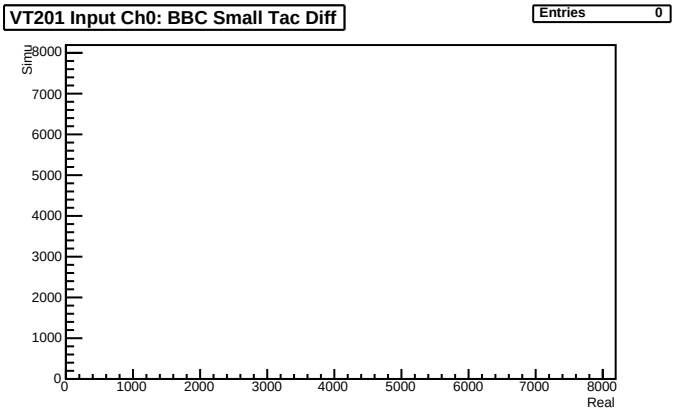

zdcWestTac
Entries 431115
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

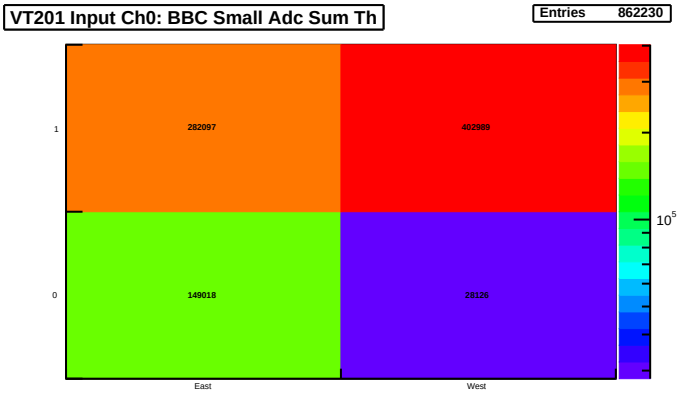

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

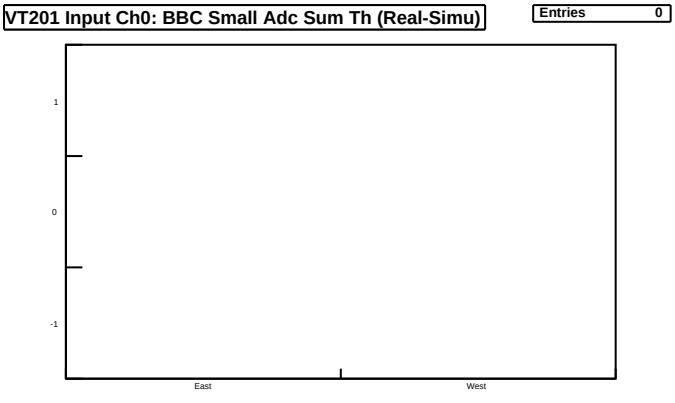

zdcAdcSum
Entries 5173380
1
0
46517
6049
31
28
14
12
100944
7481
80
68
51
45
384598
425066
431084
431087
431101
431103
330171
423634
431035
431047
431064
431070
10^5
10^4
10^3
10^2
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

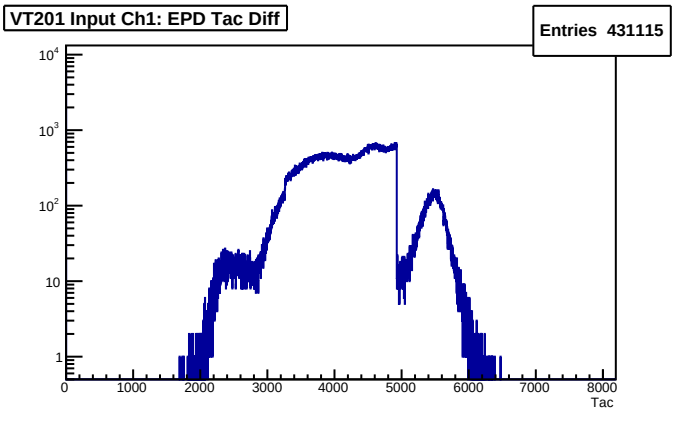

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

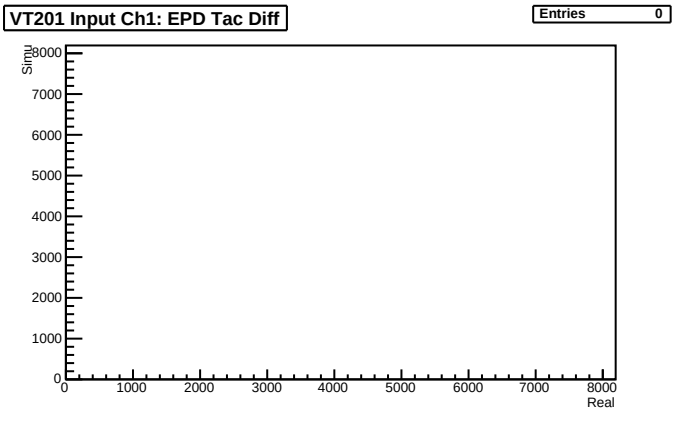

VT201 Input Ch0: BBC Small Tac Diff
Entries 431115
Tac

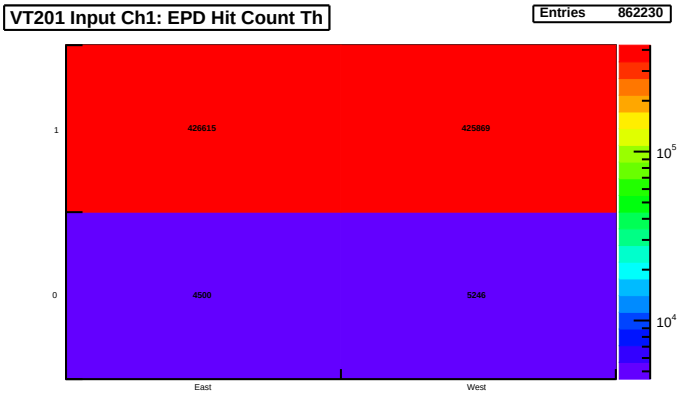

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

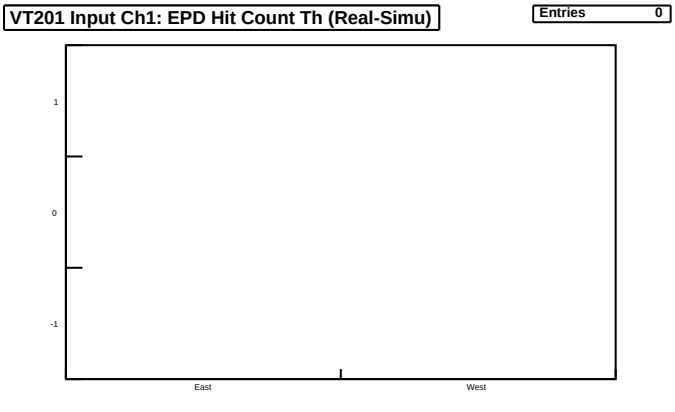

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 862230
282097
402989
149018
28126
East
West

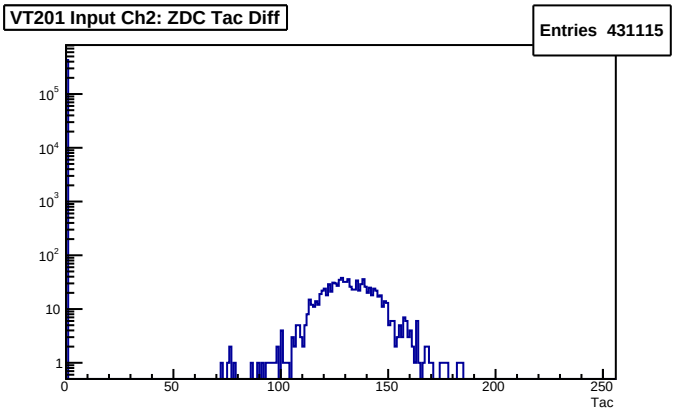

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

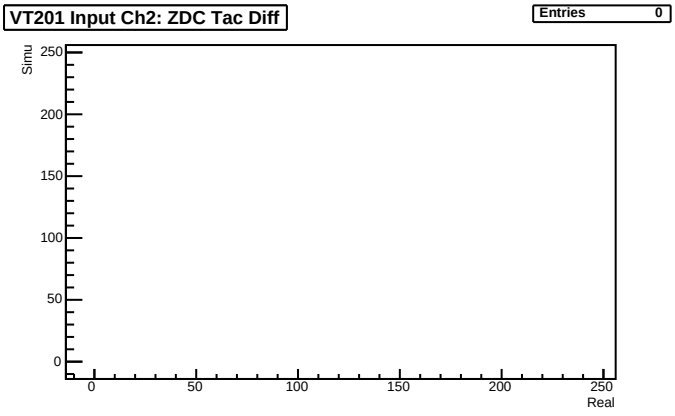

VT201 Input Ch1: EPD Tac Diff
Entries 431115
Tac

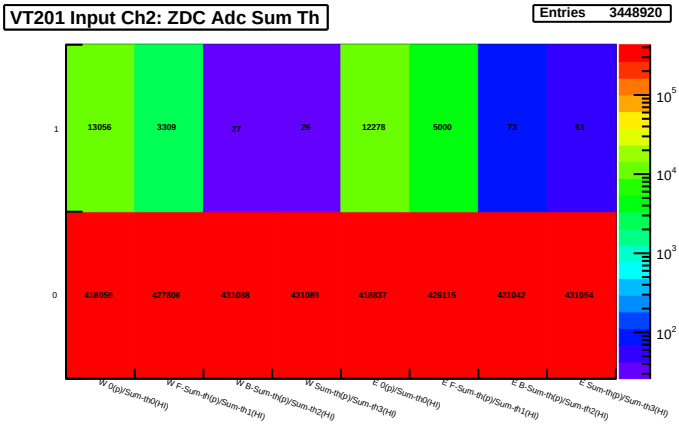

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

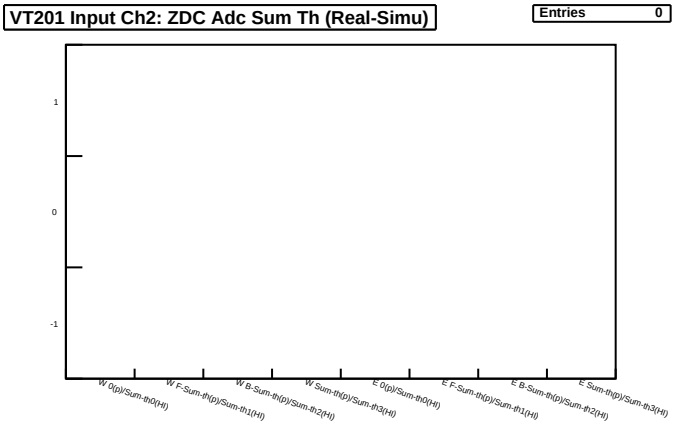

VT201 Input Ch1: EPD Hit Count Th
Entries 862230
426615
425869
4500
5246
East
West

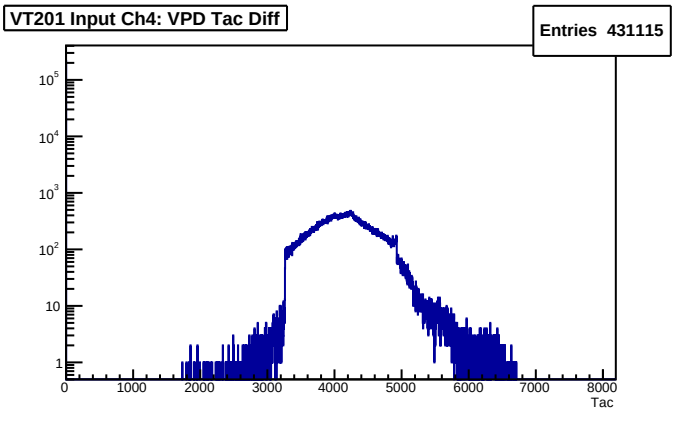

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

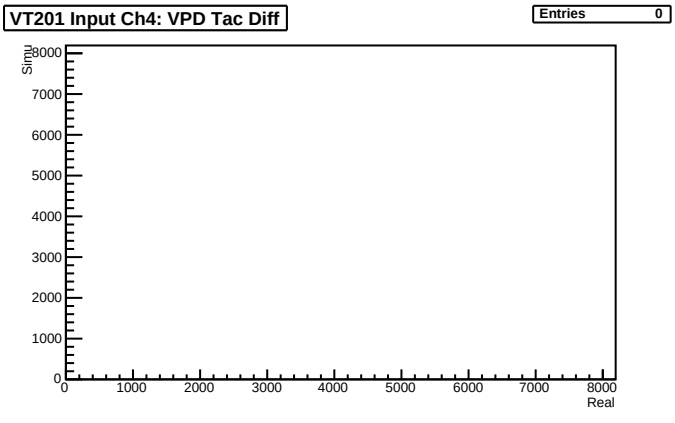

VT201 Input Ch2: ZDC Tac Diff
Entries 431115
Tac

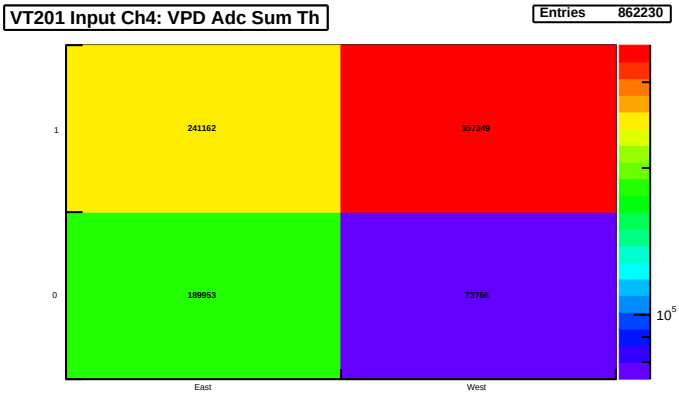

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

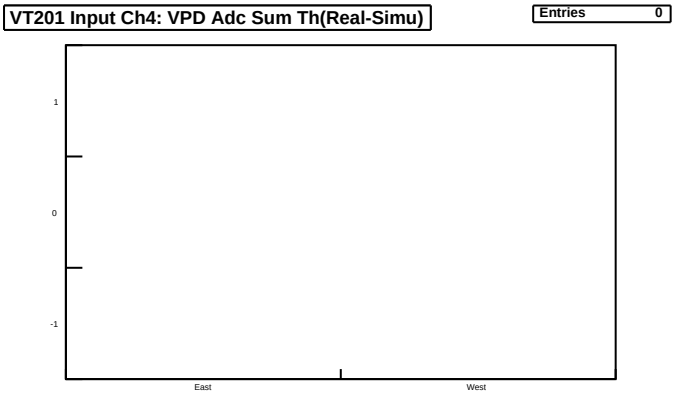

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3448920
13056
3309
27
26
12278
5000
73
61
418059
427806
431088
431089
418837
426115
431042
431054
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

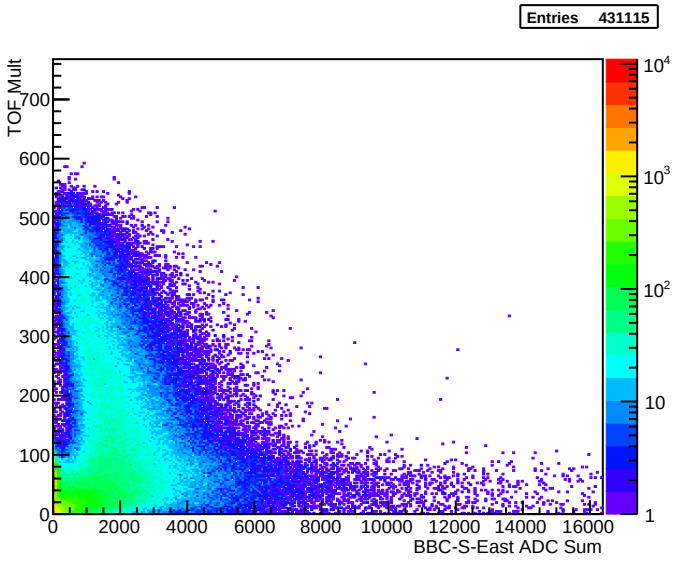

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

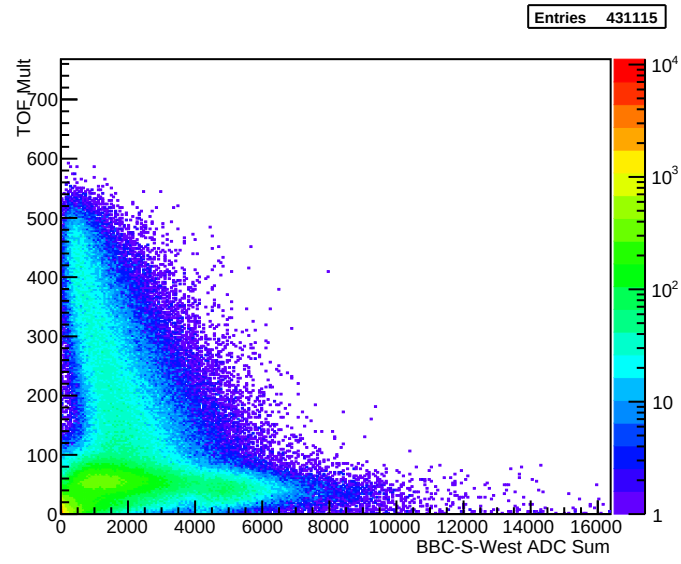

VT201 Input Ch4: VPD Tac Diff
Entries 431115
Tac

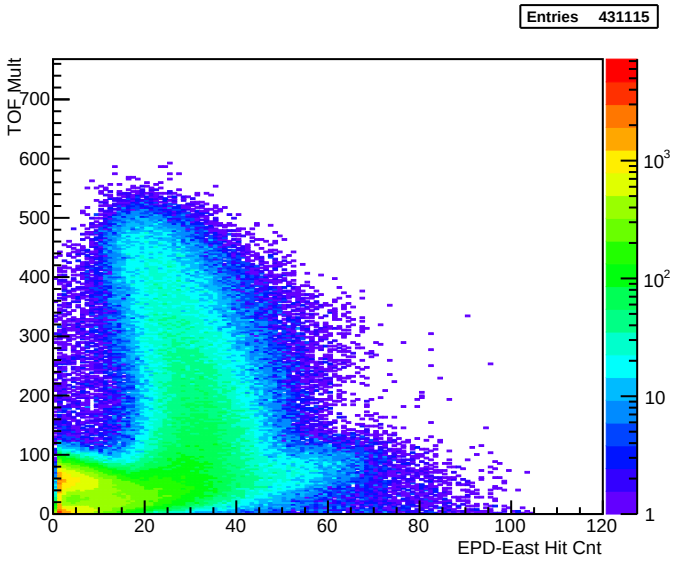

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

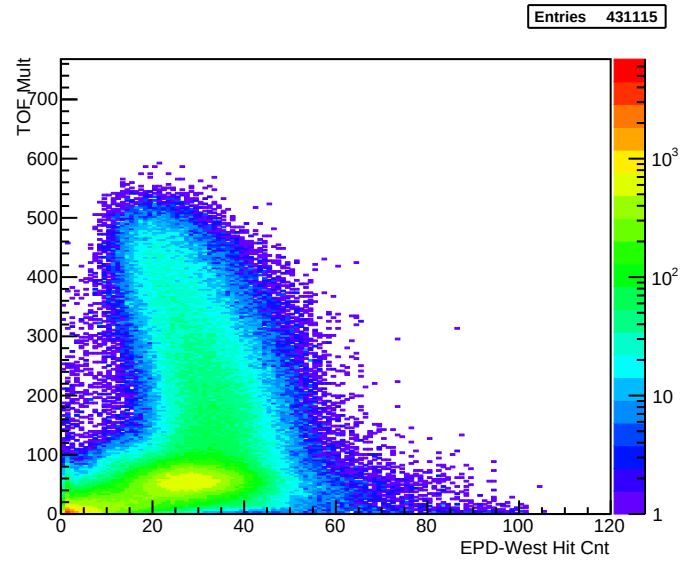

VT201 Input Ch4: VPD Adc Sum Th
Entries 862230
241162
357349
189953
73766
East
West

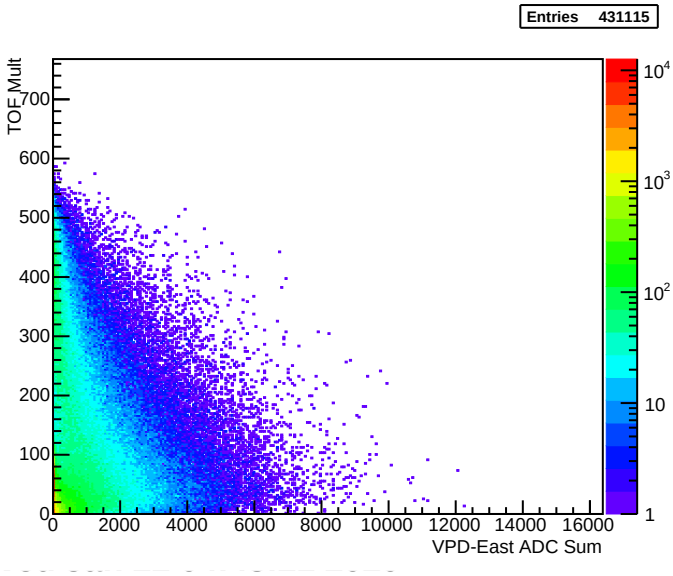

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

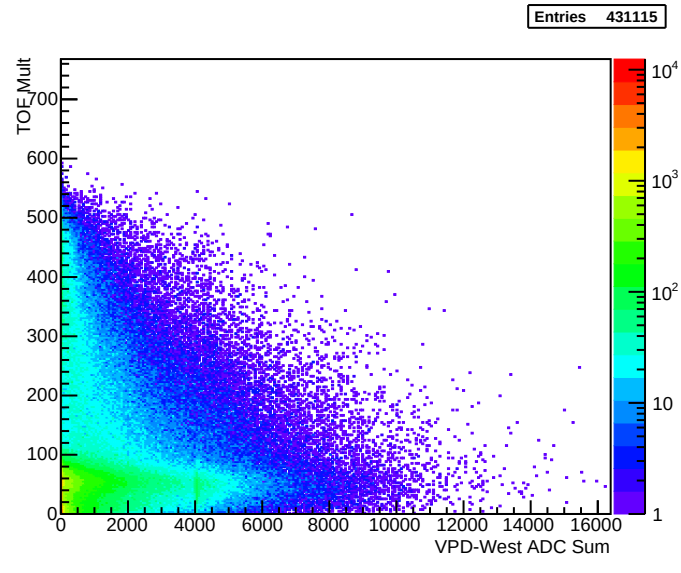

Entries 431115
TOF_Mult
BBC-S-East ADC Sum

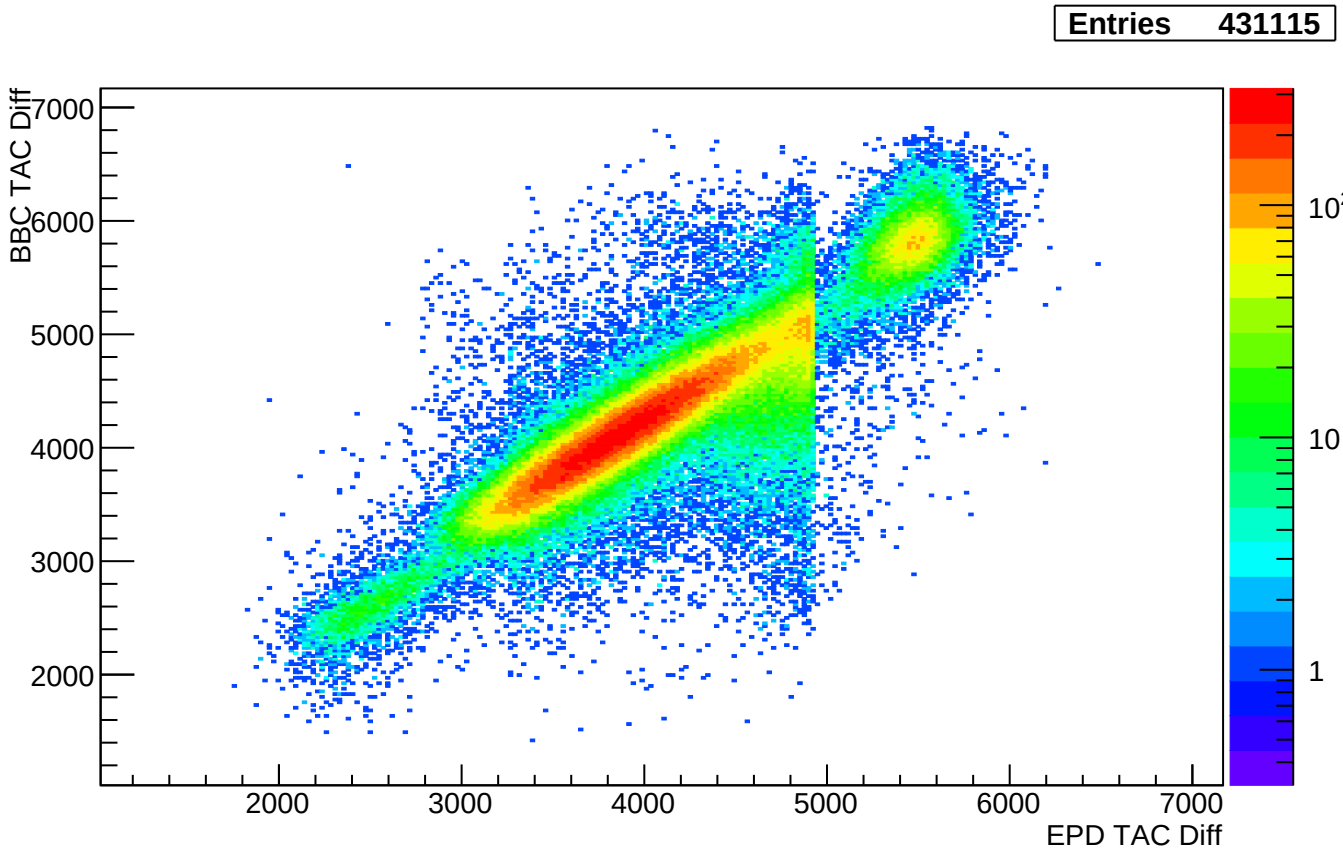

Entries 431115
TOF_Mult
BBC-S-West ADC Sum

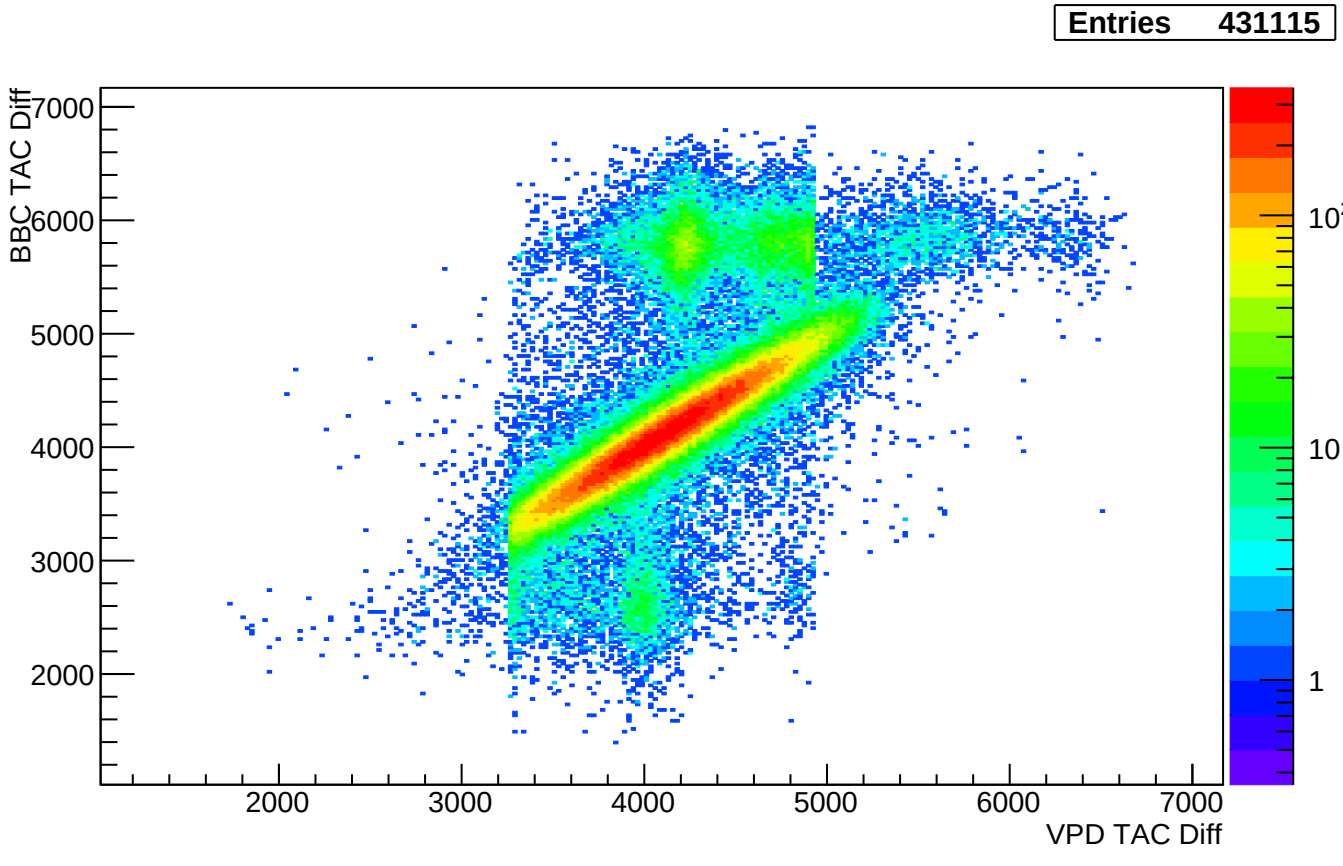

Entries 431115
TOF_Mult
EPD-East Hit Cnt

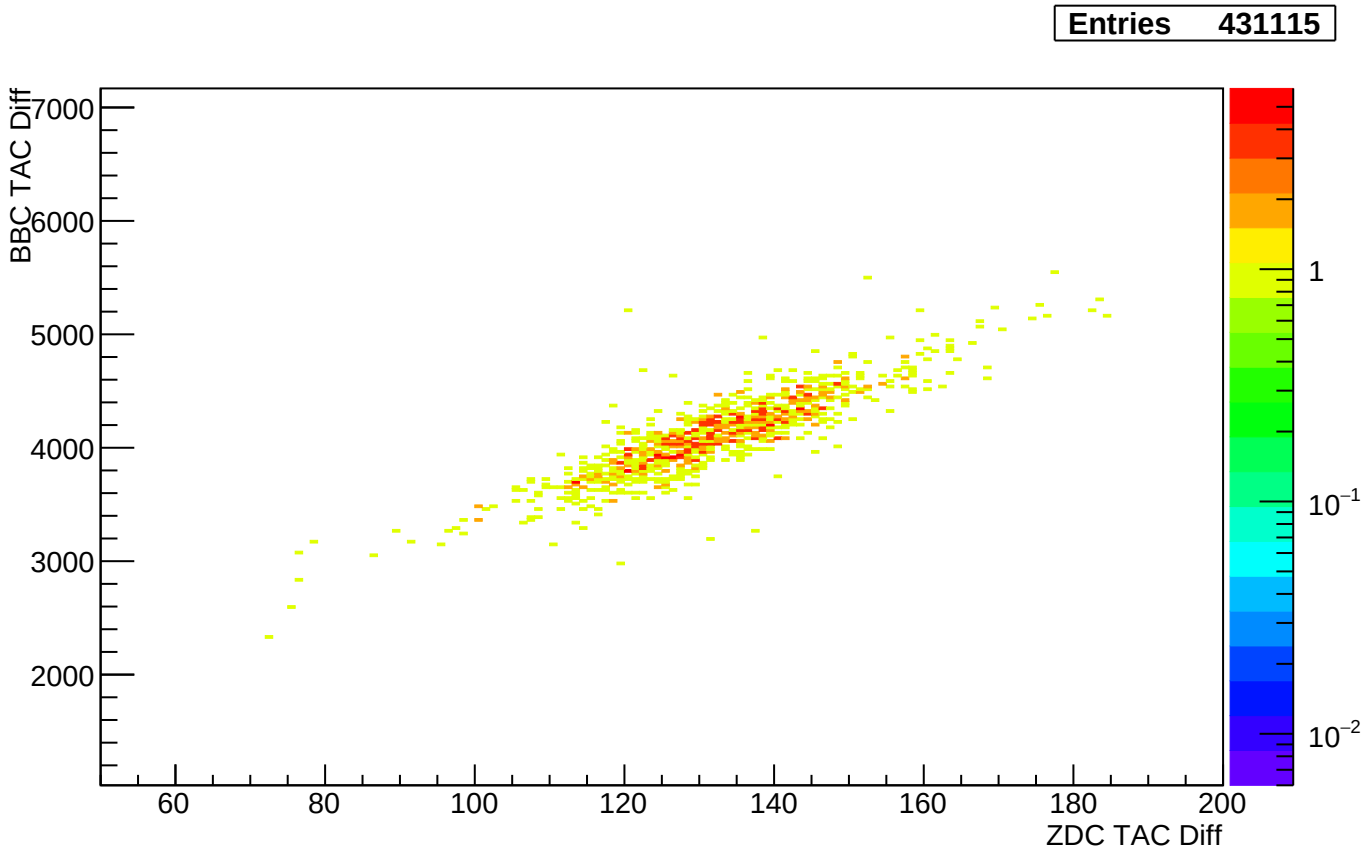

Entries 431115
TOF_Mult
EPD-West Hit Cnt

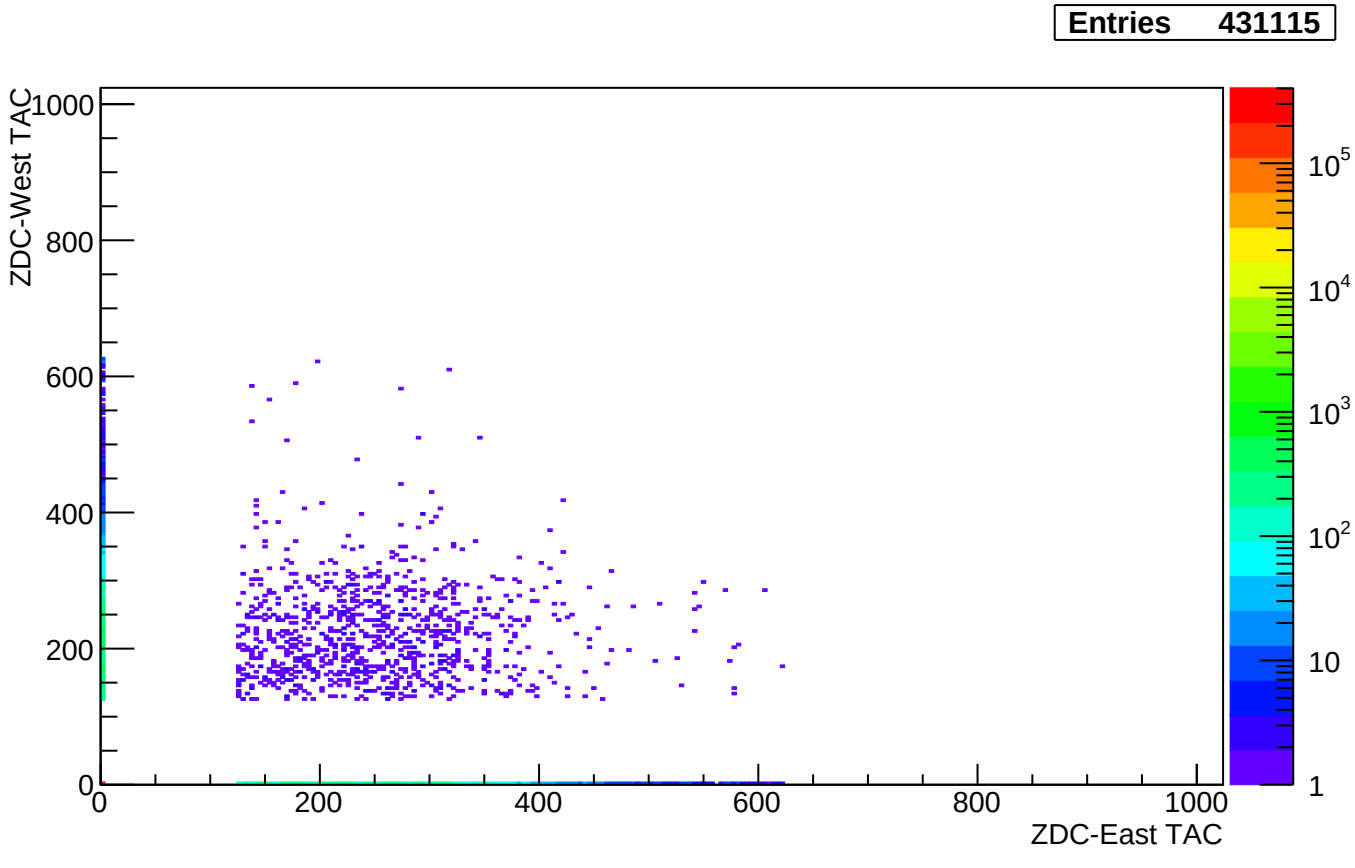

Entries 431115
TOF_Mult
VPD-East ADC Sum

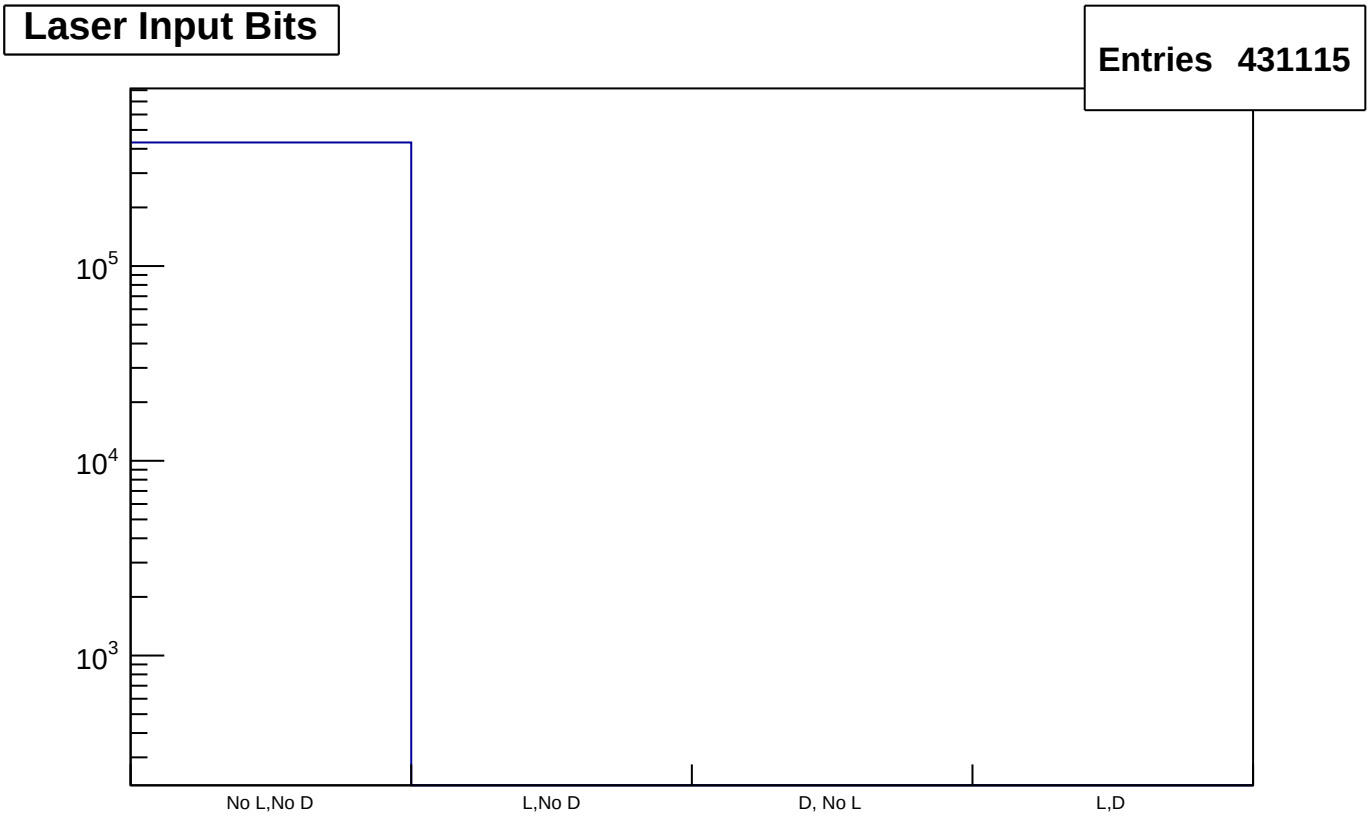

Entries 431115
TOF_Mult
VPD-West ADC Sum

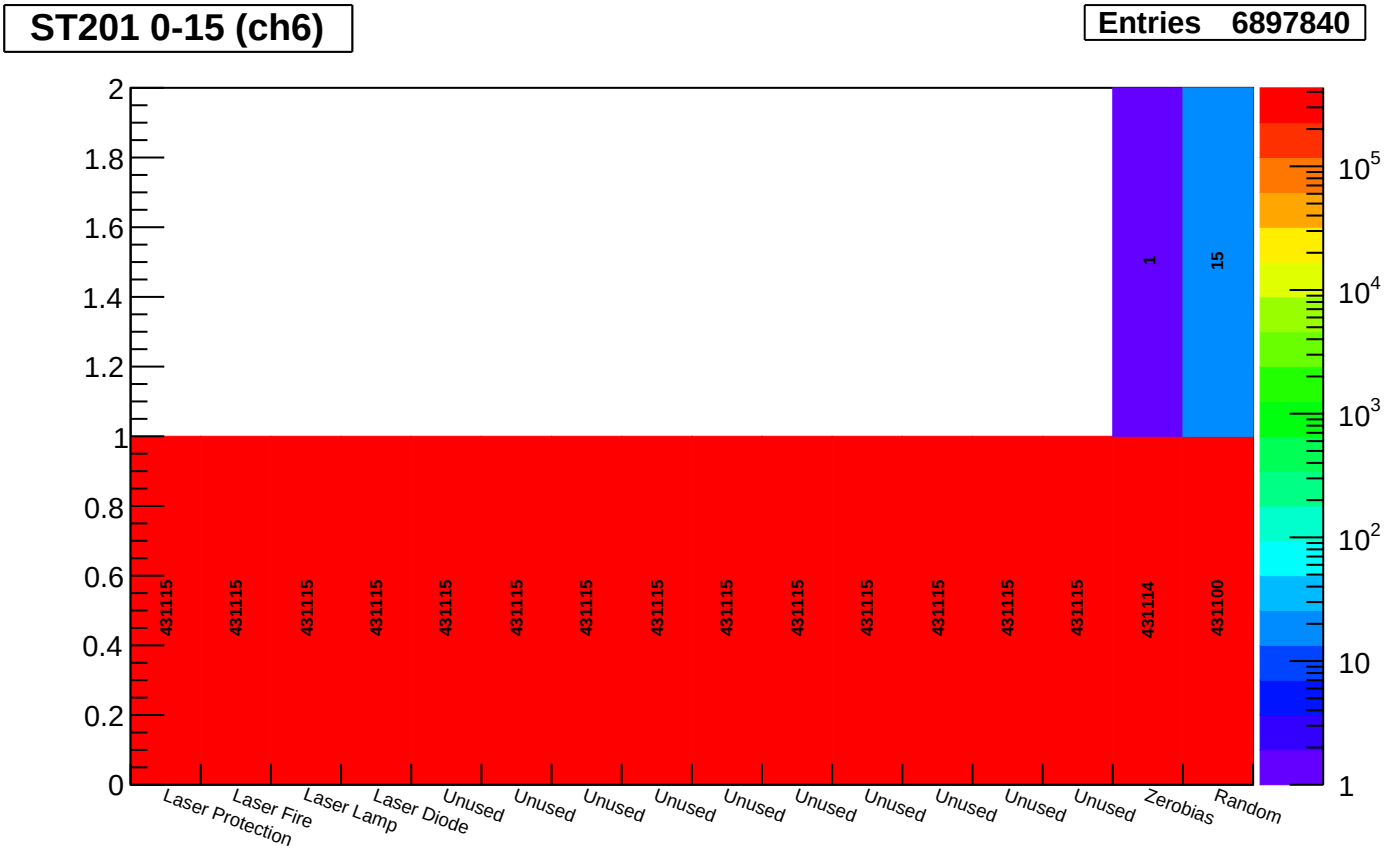

Entries 431115
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

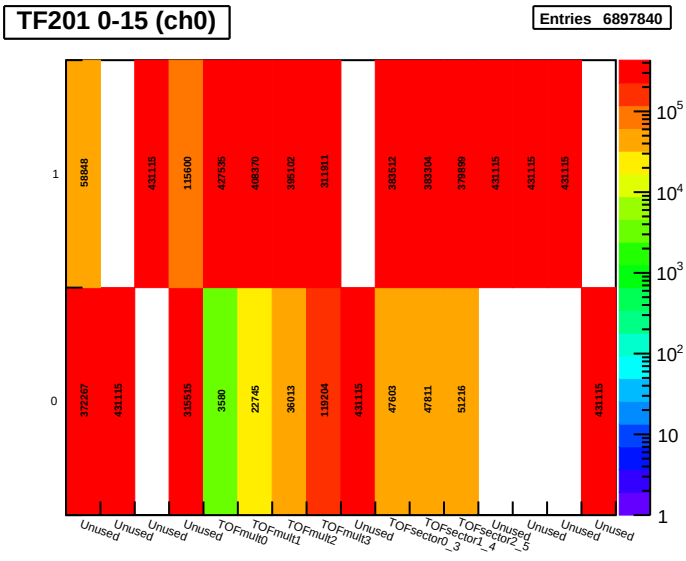

Entries 431115
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

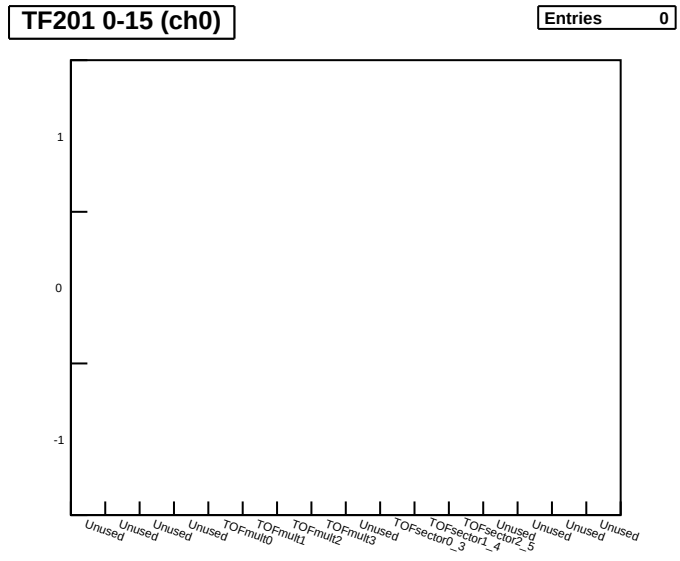

Entries 431115
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

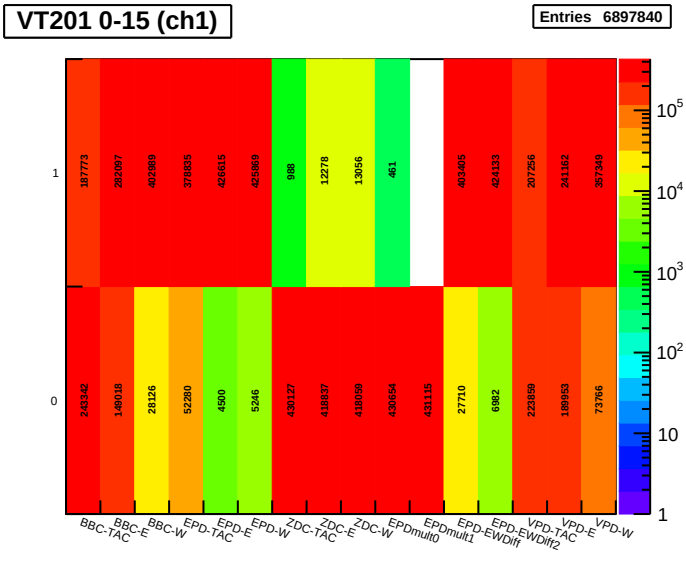

Entries 431115
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

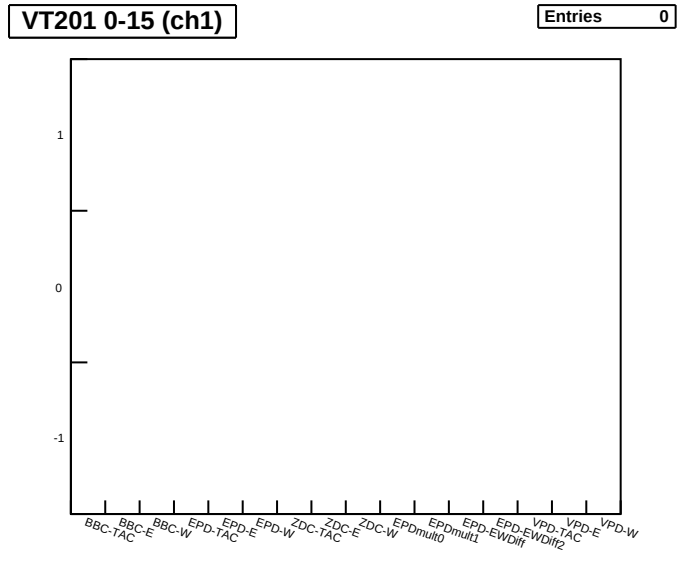

Laser Input Bits
Entries 431115
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

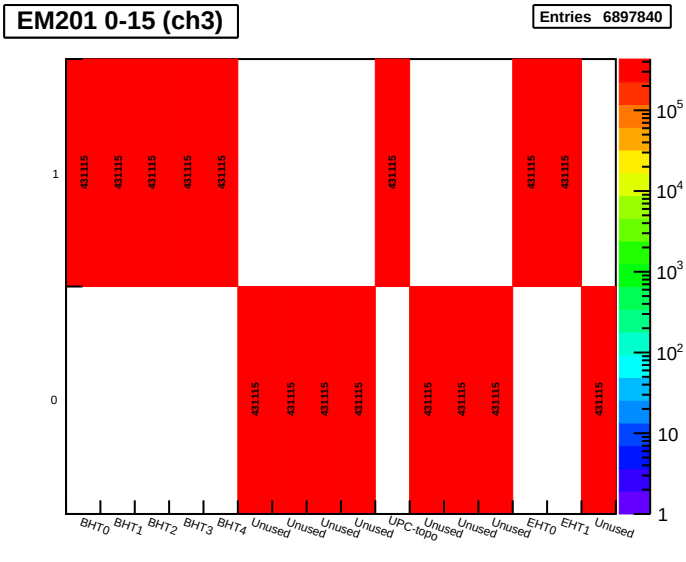

ST201 0-15 (ch6)
Entries 6897840
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431114
431100
1
15
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

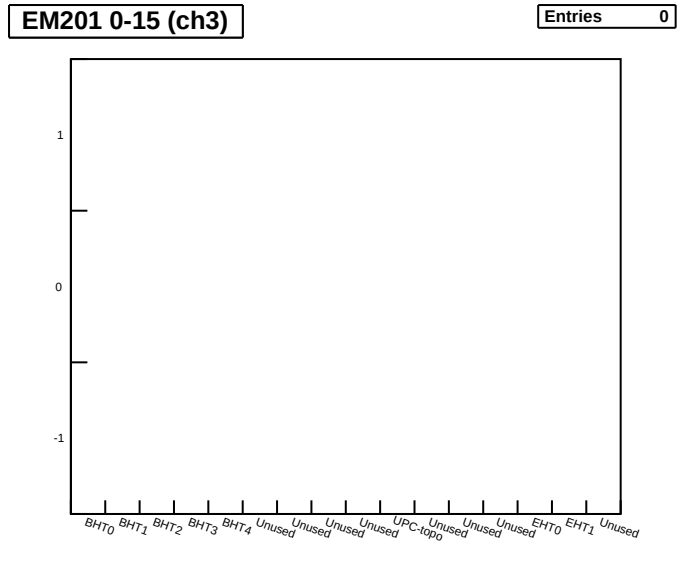

TF201 0-15 (ch0)
Entries 6897840
1
0
58848
431115
115600
427535
408370
365102
311911
383512
383304
379899
431115
431115
431115
372267
431115
315515
3580
22745
36013
119204
431115
47603
47811
51216
431115
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 6897840
1
0
187773
282097
402989
378835
426615
425869
988
12278
13056
461
403405
424133
207256
241162
357349
243342
149018
28126
52280
4500
5246
430127
418837
418059
430654
431115
27710
6982
223859
189953
73766
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 6897840
1
0
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
431115
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