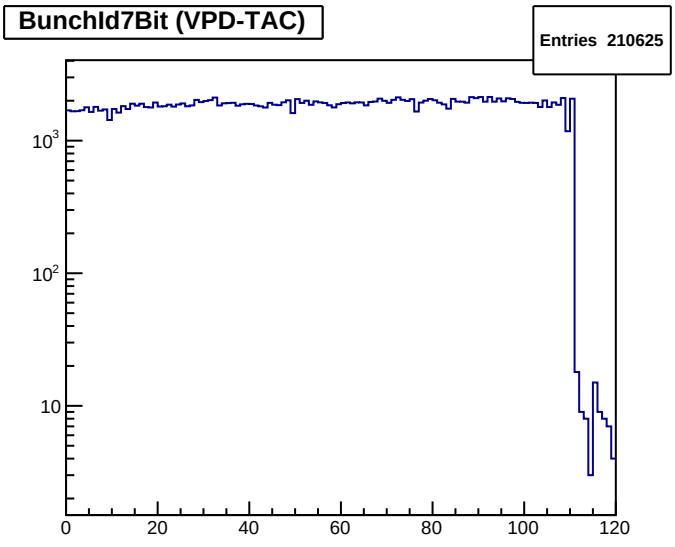
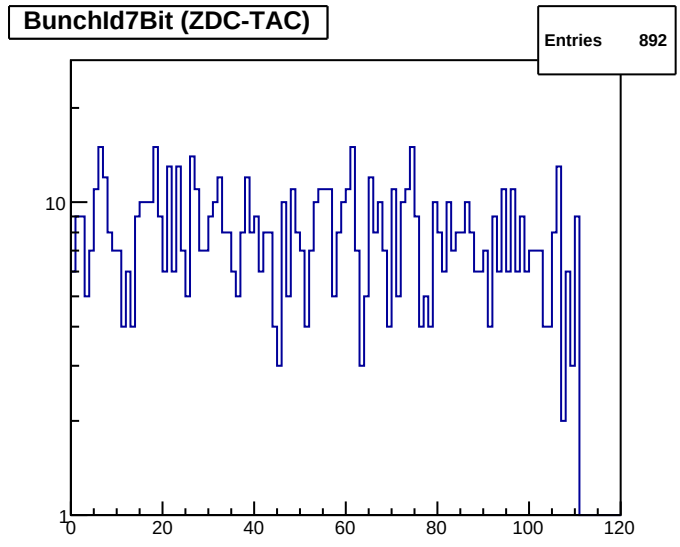
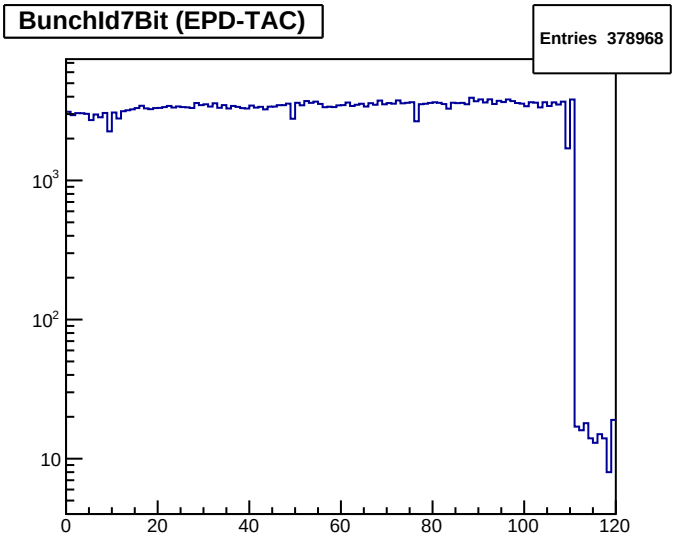
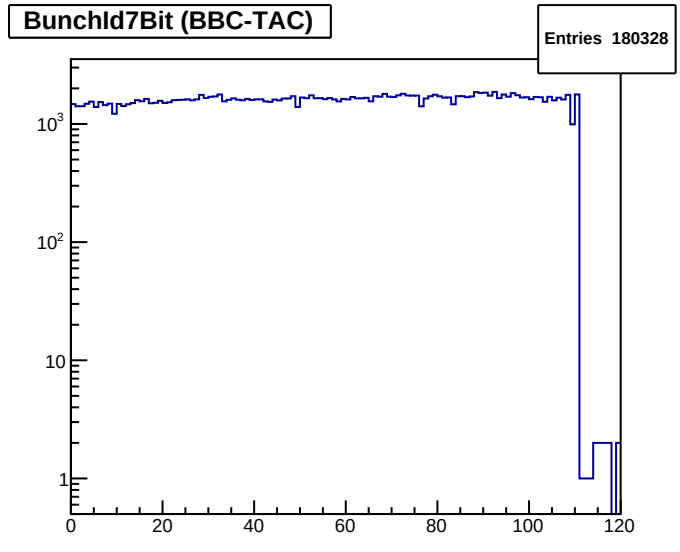
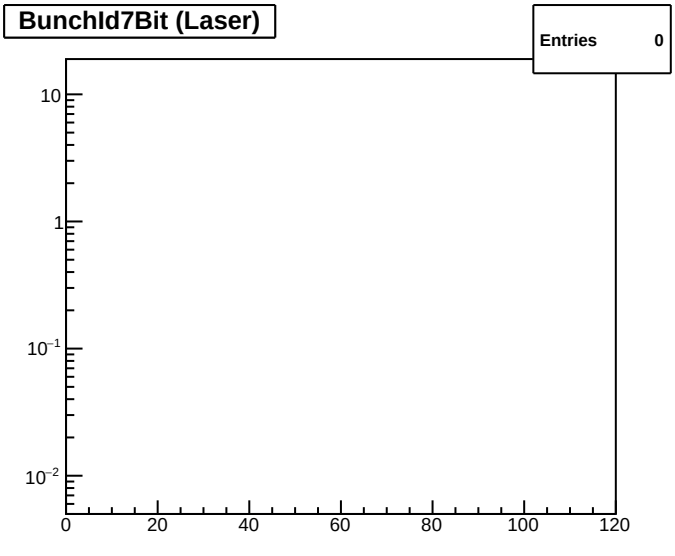
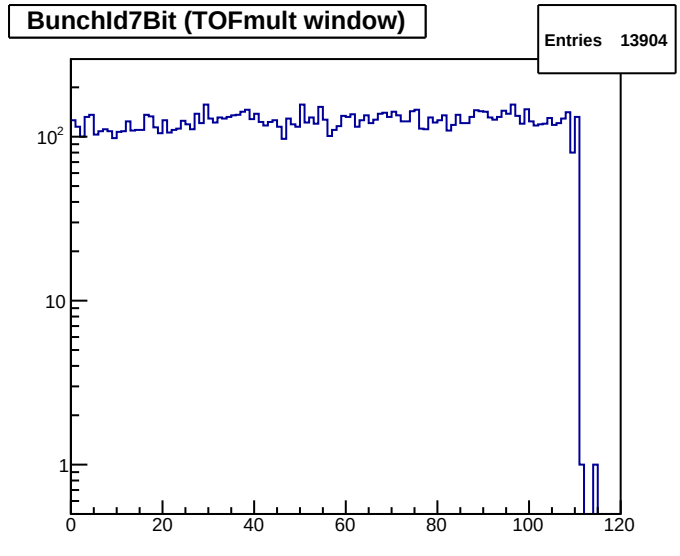

BunchId7Bit (VPD-TAC)
Entries 210625

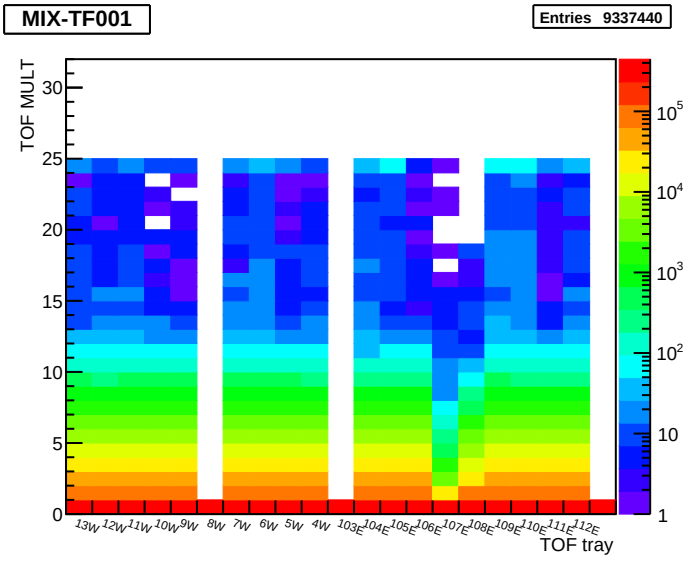

BunchId7Bit (ZDC-TAC)
Entries 892

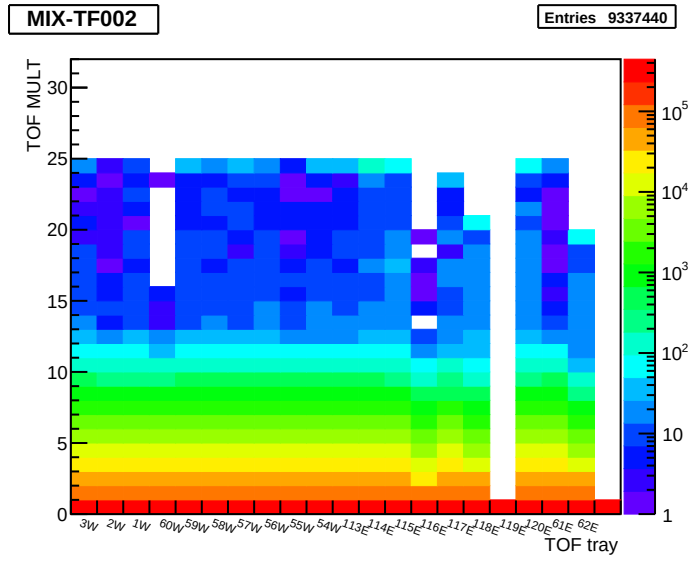

BunchId7Bit (EPD-TAC)
Entries 378968

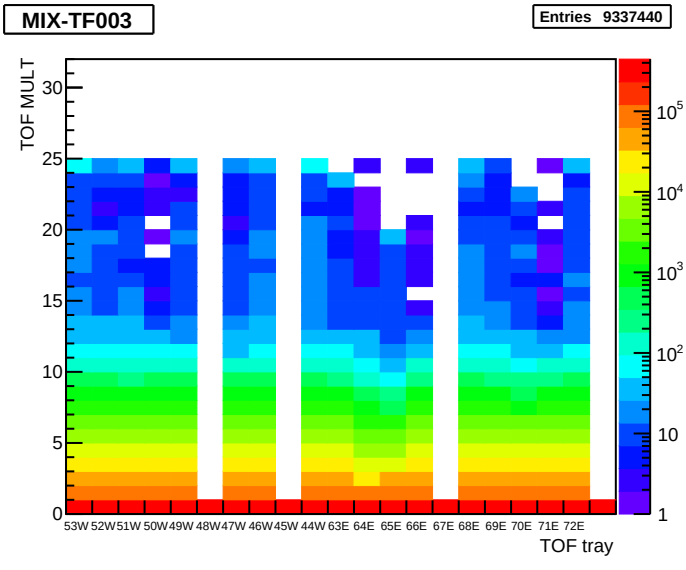

BunchId7Bit (BBC-TAC)
Entries 180328

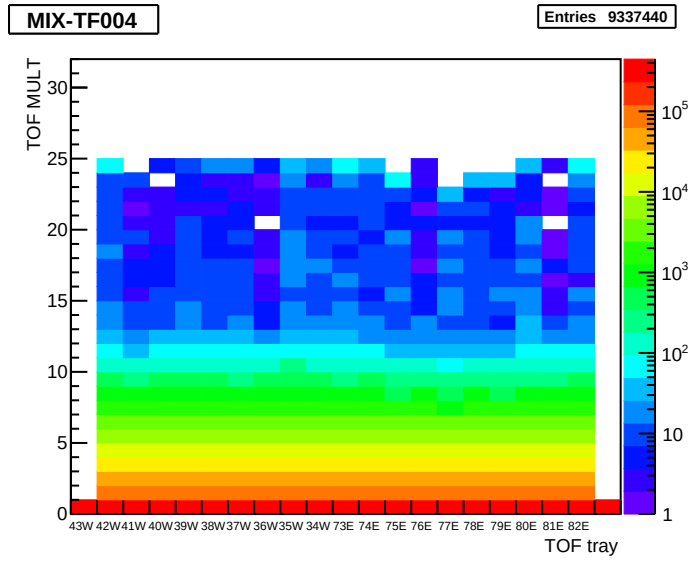

BunchId7Bit (Laser)
Entries 0

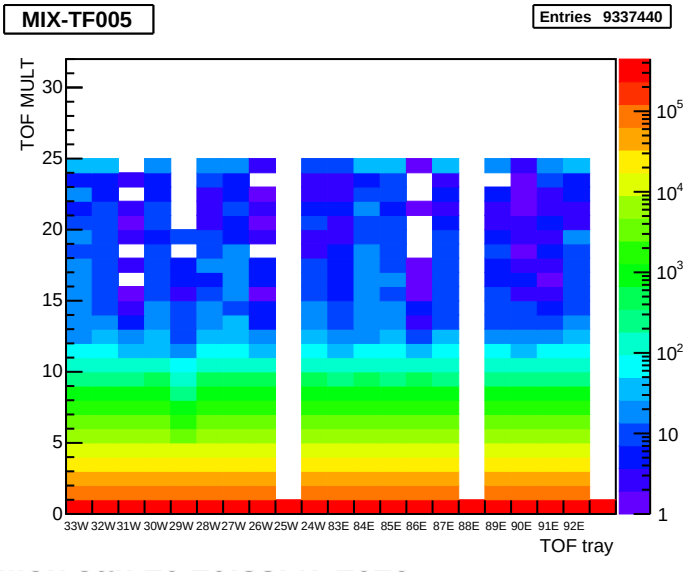

BunchId7Bit (TOFmult window)
Entries 13904

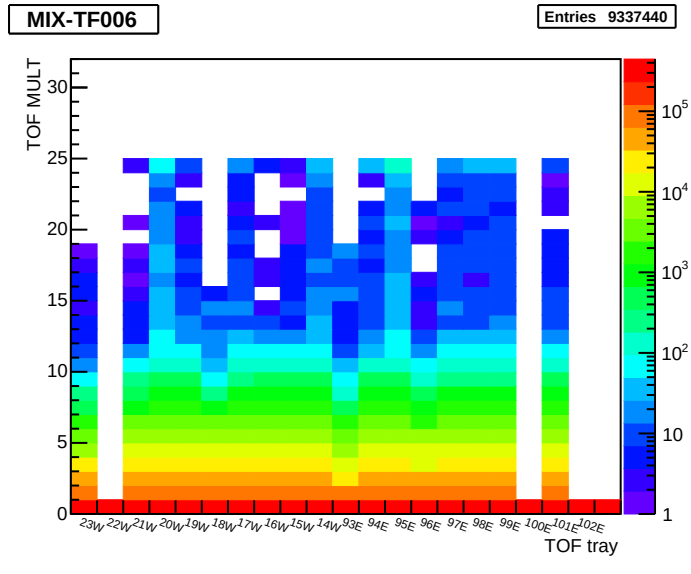

MIX-TF001
Entries 9337440
TOF MULT
TOF tray

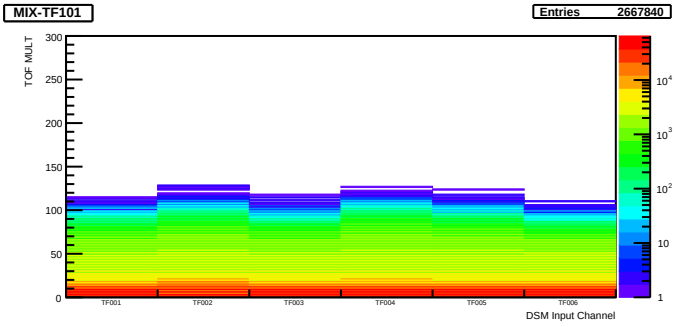

MIX-TF002
Entries 9337440
TOF MULT
TOF tray

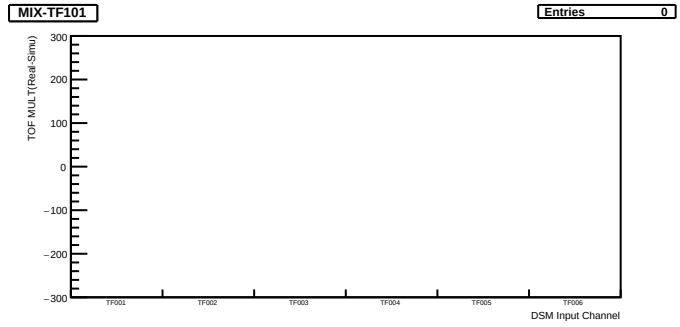

MIX-TF003
Entries 9337440
TOF MULT
TOF tray

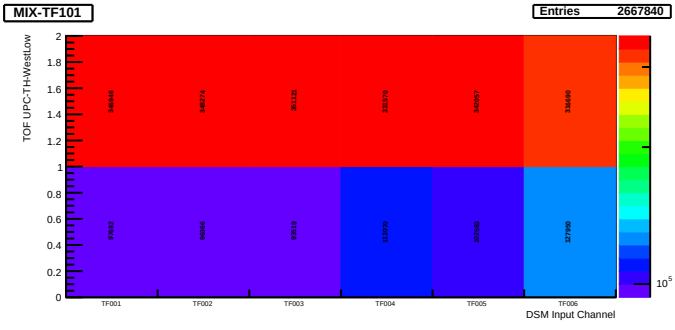

MIX-TF004
Entries 9337440
TOF MULT
TOF tray

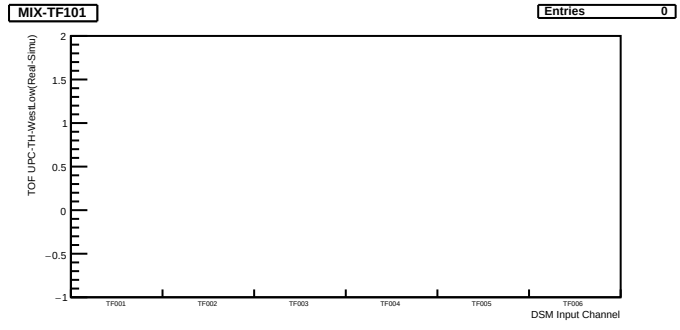

MIX-TF005
Entries 9337440
TOF MULT
TOF tray

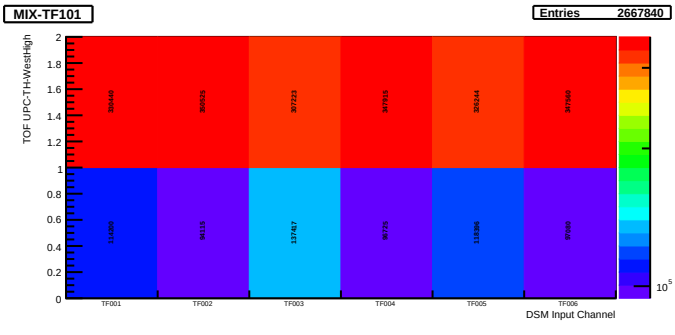

MIX-TF006
Entries 9337440
TOF MULT
TOF tray

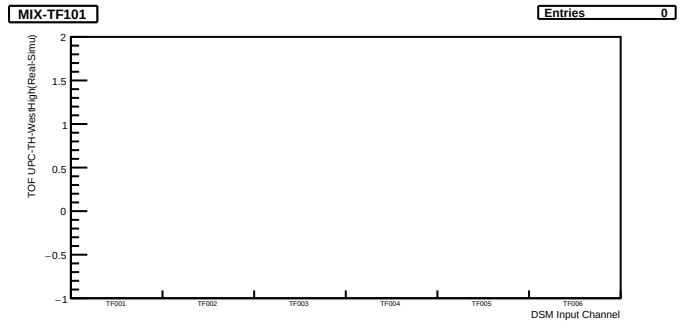

MIX-TF101
Entries 2667840
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

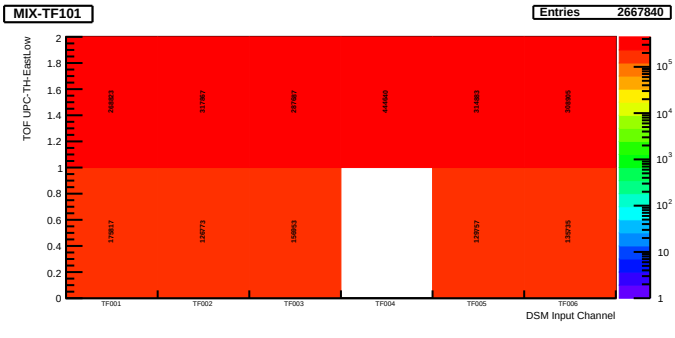

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

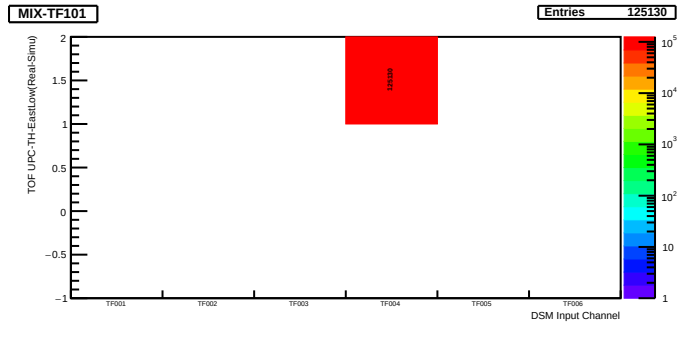

MIX-TF101
Entries 2667840
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

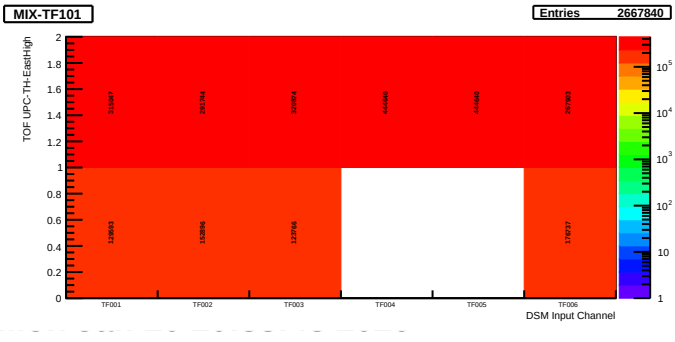

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

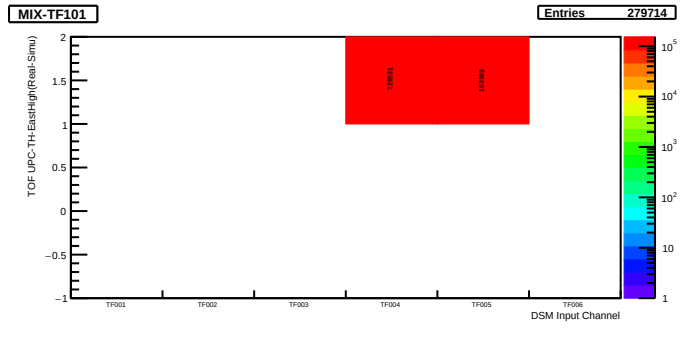

MIX-TF101
Entries 2667840
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

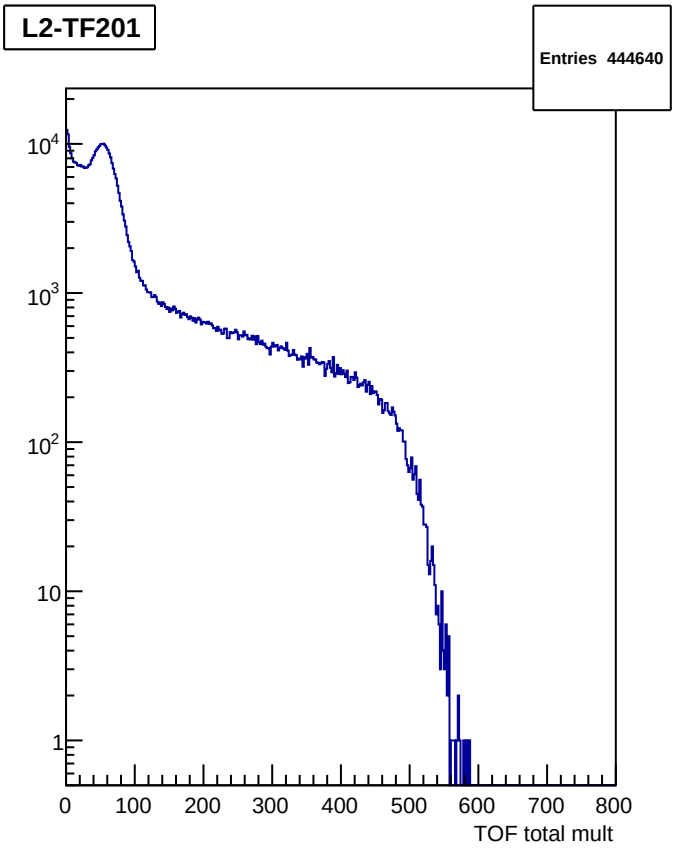

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

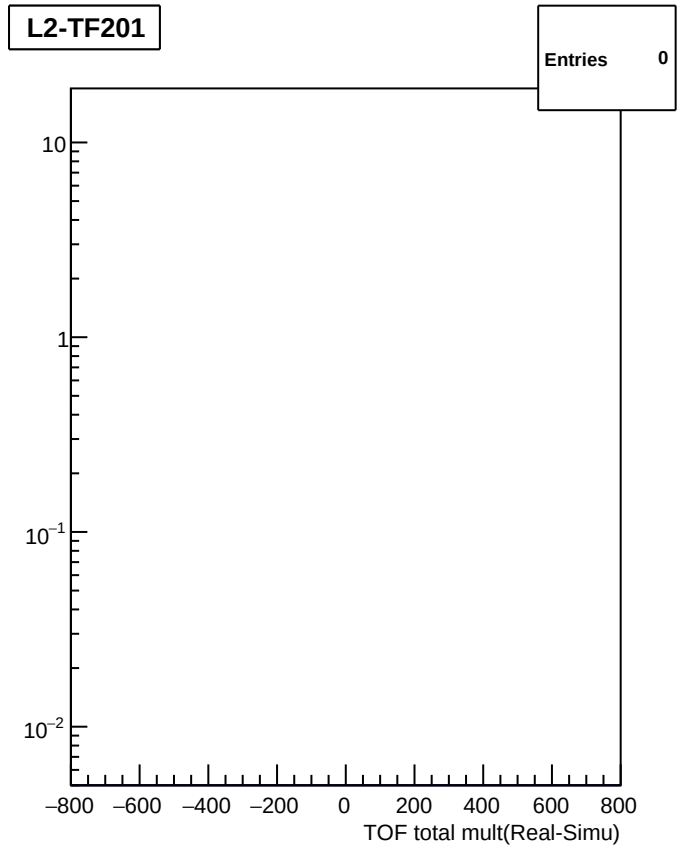

MIX-TF101
Entries 2667840
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

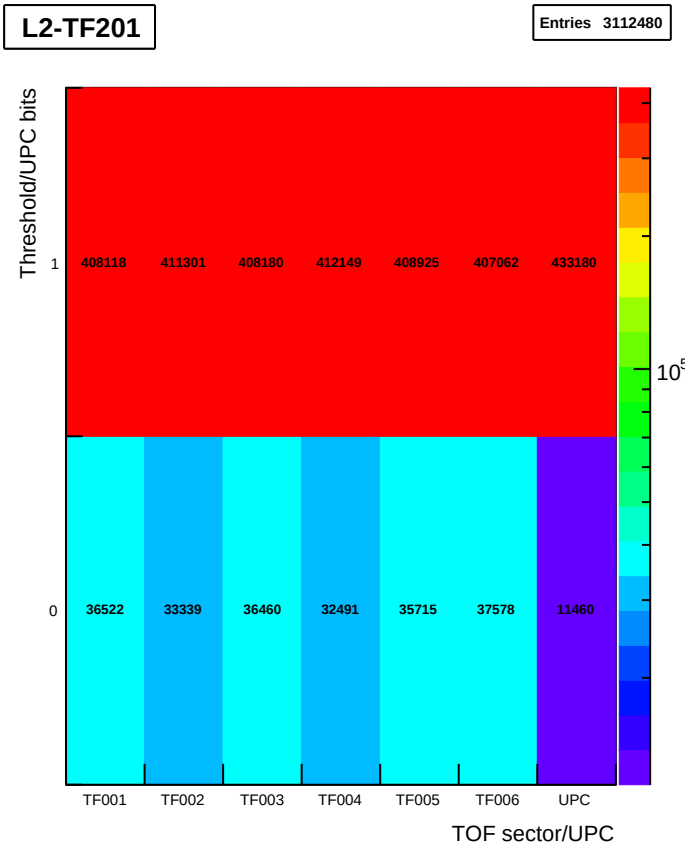

MIX-TF101
Entries 125130
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

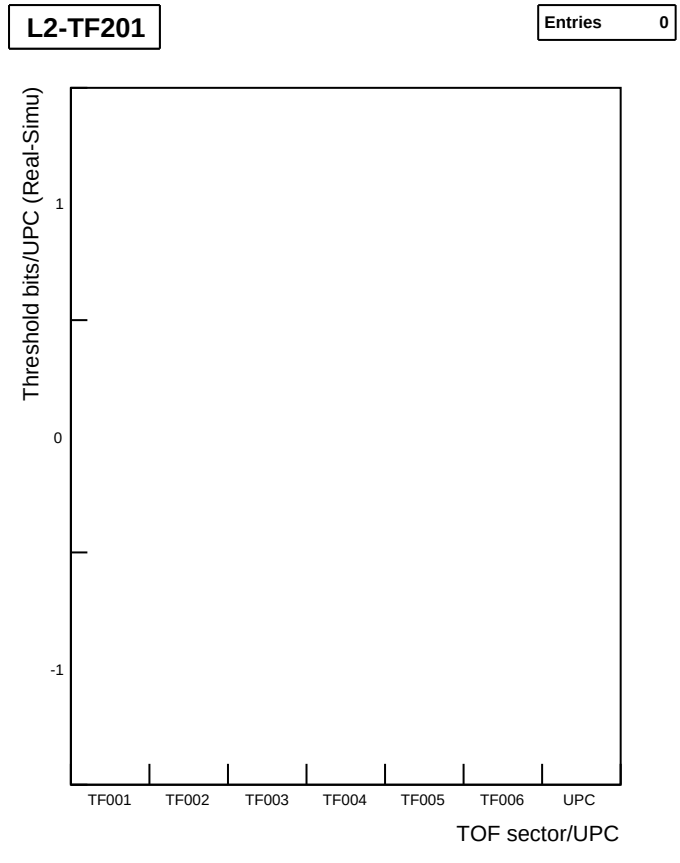

MIX-TF101
Entries 2667840
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

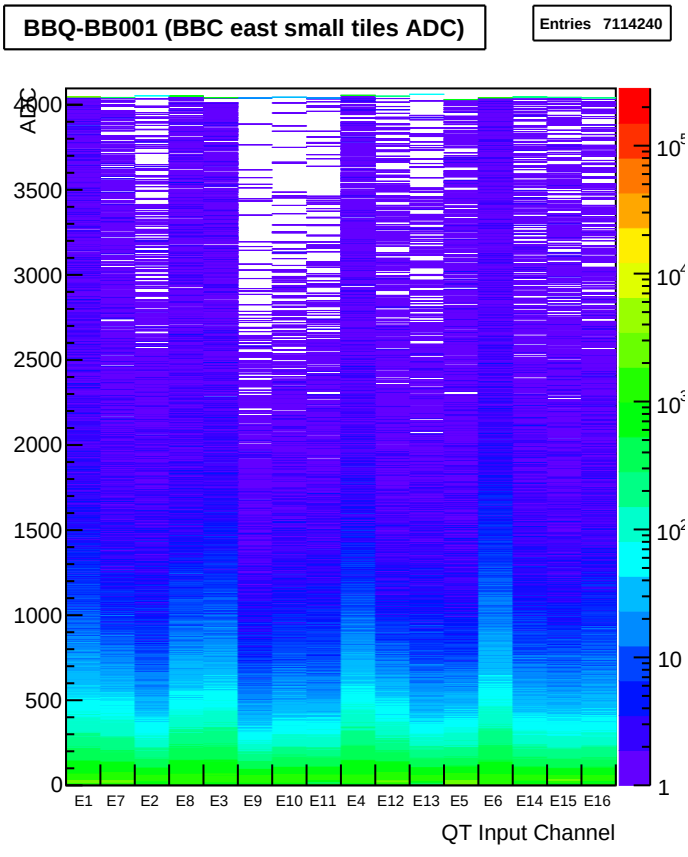

MIX-TF101
Entries 279714
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

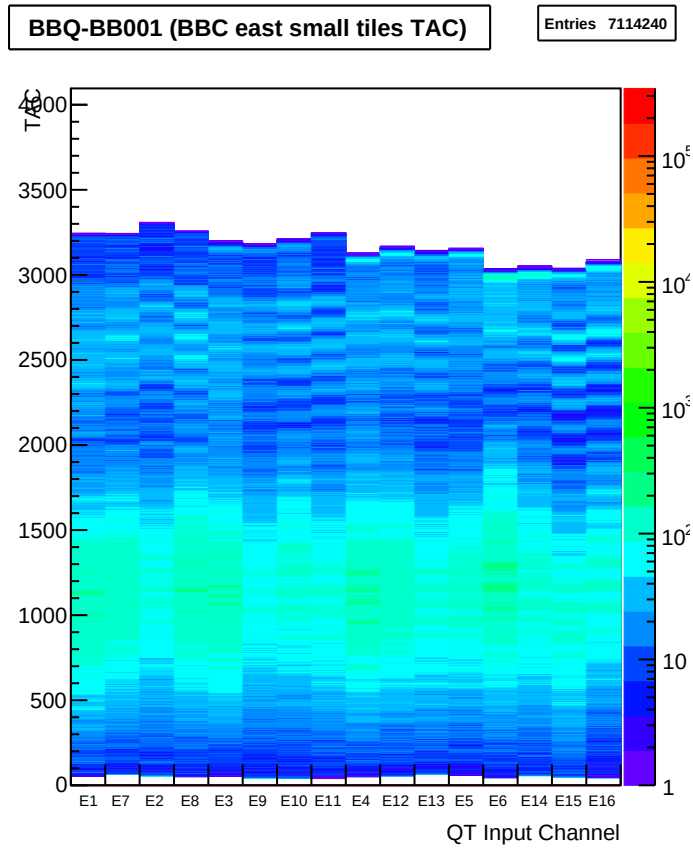

L2-TF201
Entries 444640
TOF total mult

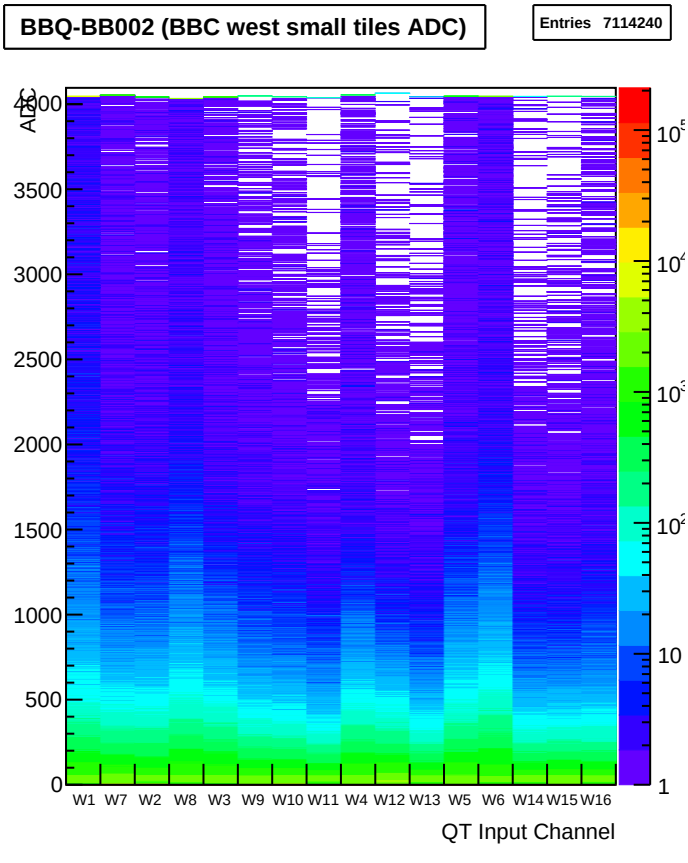

L2-TF201
Entries 0
TOF total mult(Real-Simu)

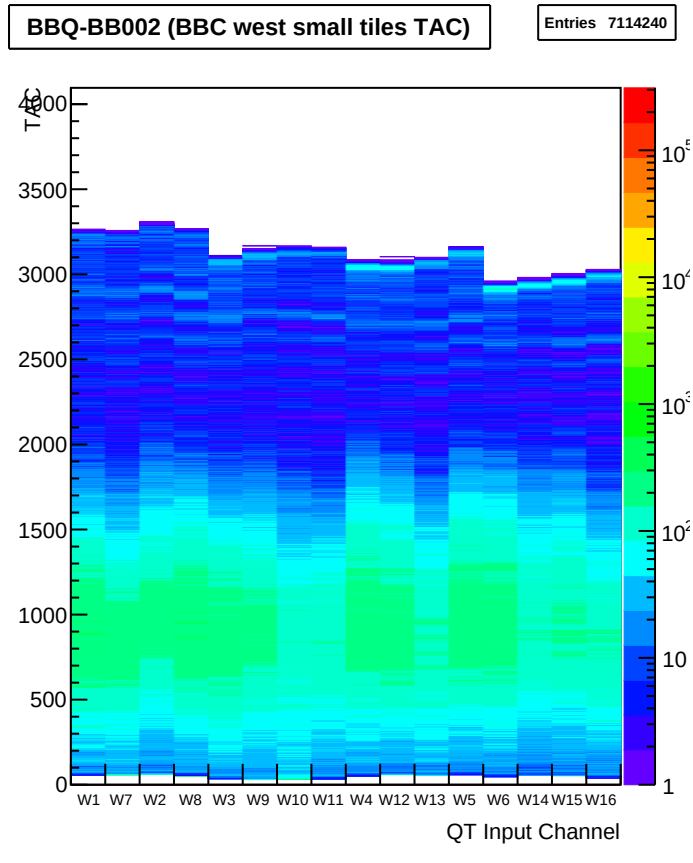

L2-TF201
Entries 3112480
Threshold/UPC bits
408118
411301
408180
412149
408925
407062
433180
36522
33339
36460
32491
35715
37578
11460
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

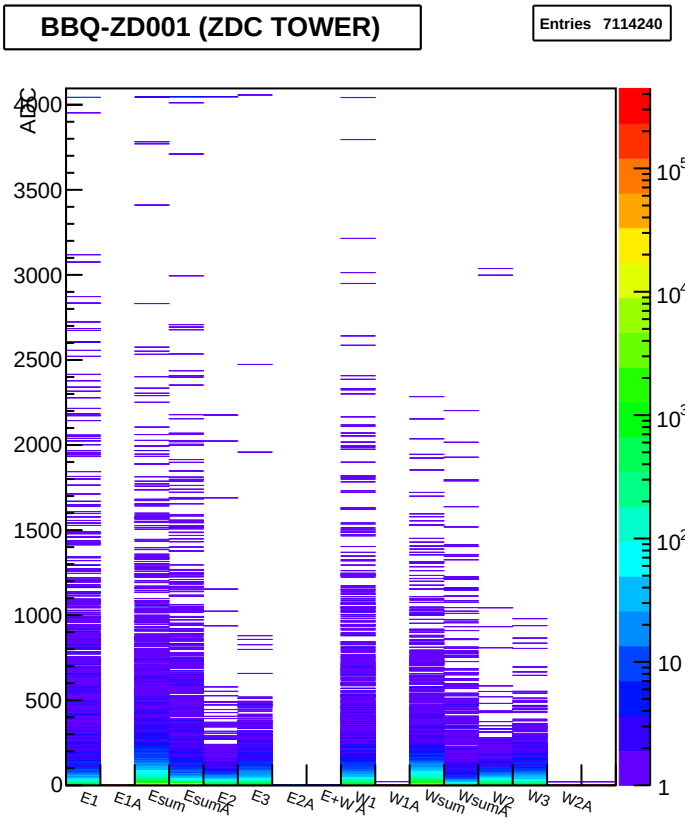

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

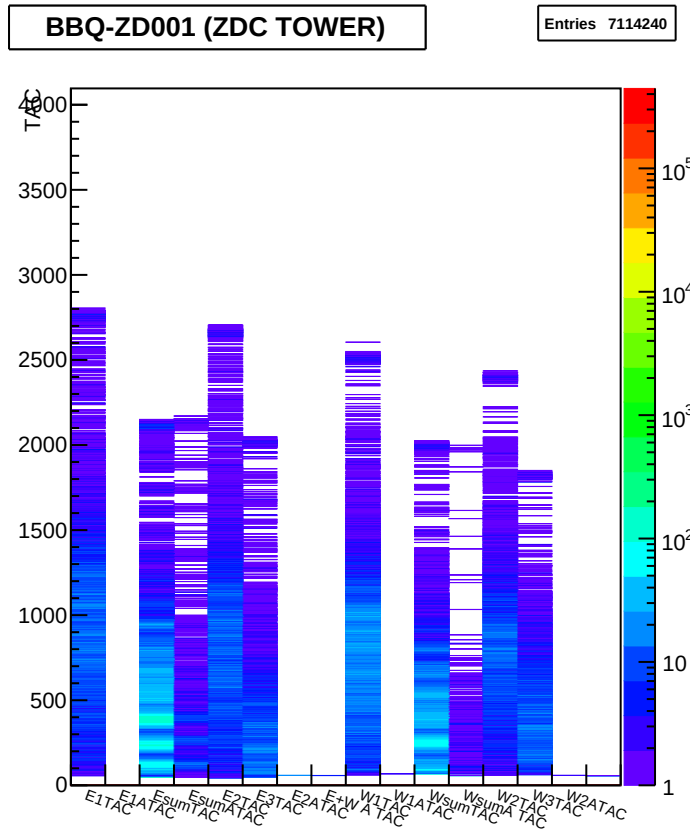

BBQ-BB001 (BBC east small tiles ADC)
Entries 7114240
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

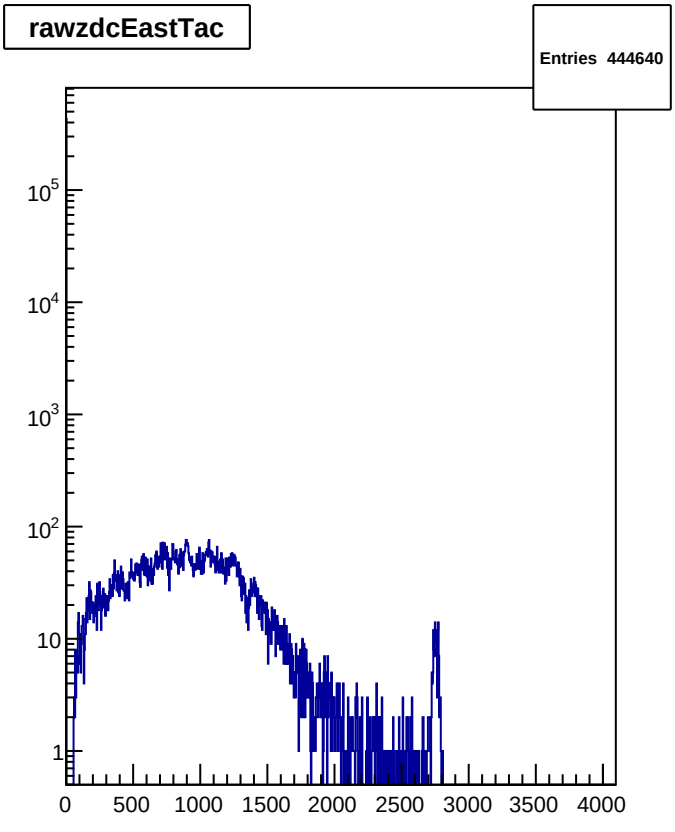

BBQ-BB001 (BBC east small tiles TAC)
Entries 7114240
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

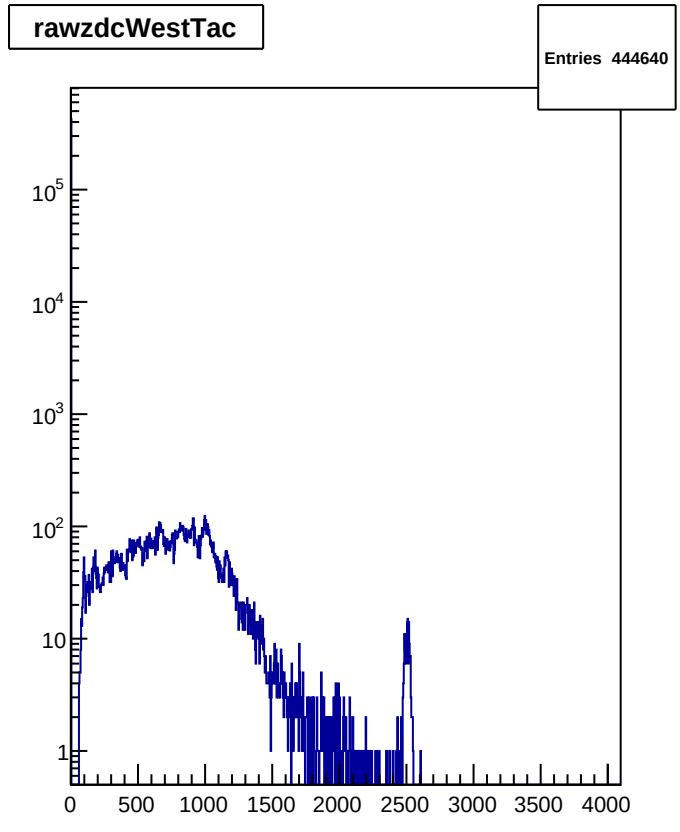

BBQ-BB002 (BBC west small tiles ADC)
Entries 7114240
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

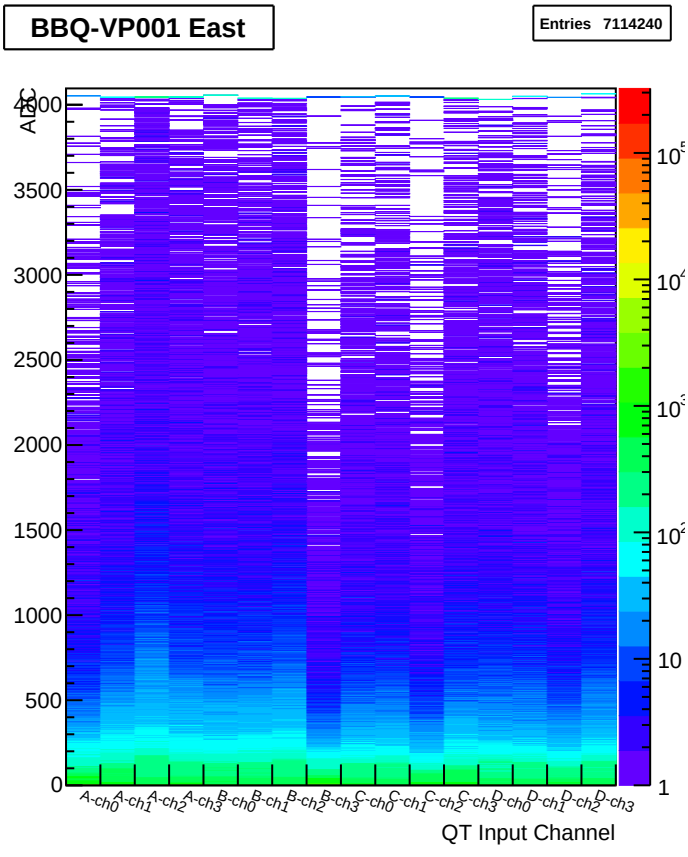

BBQ-BB002 (BBC west small tiles TAC)
Entries 7114240
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

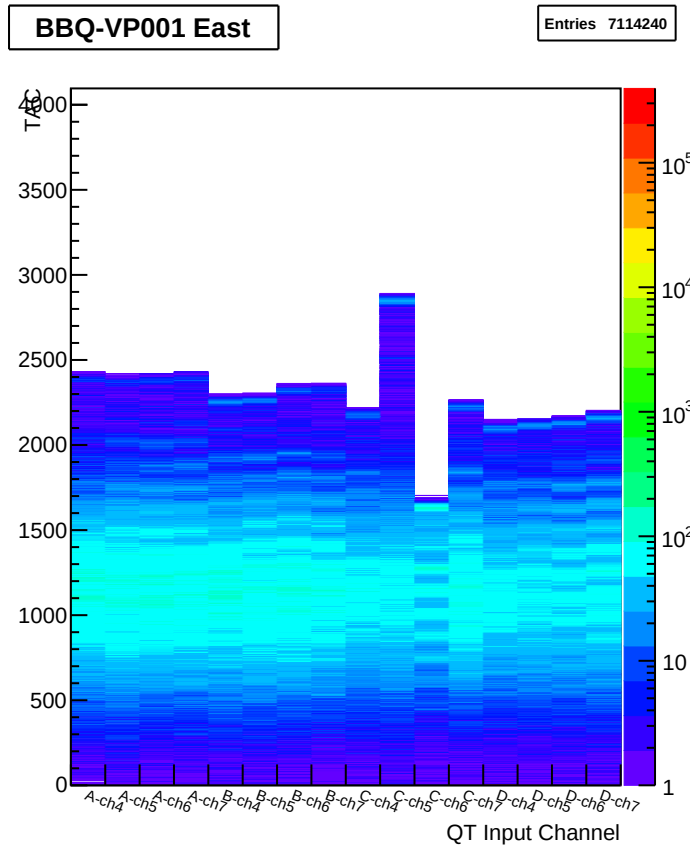

BBQ-ZD001 (ZDC TOWER)
Entries 7114240
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

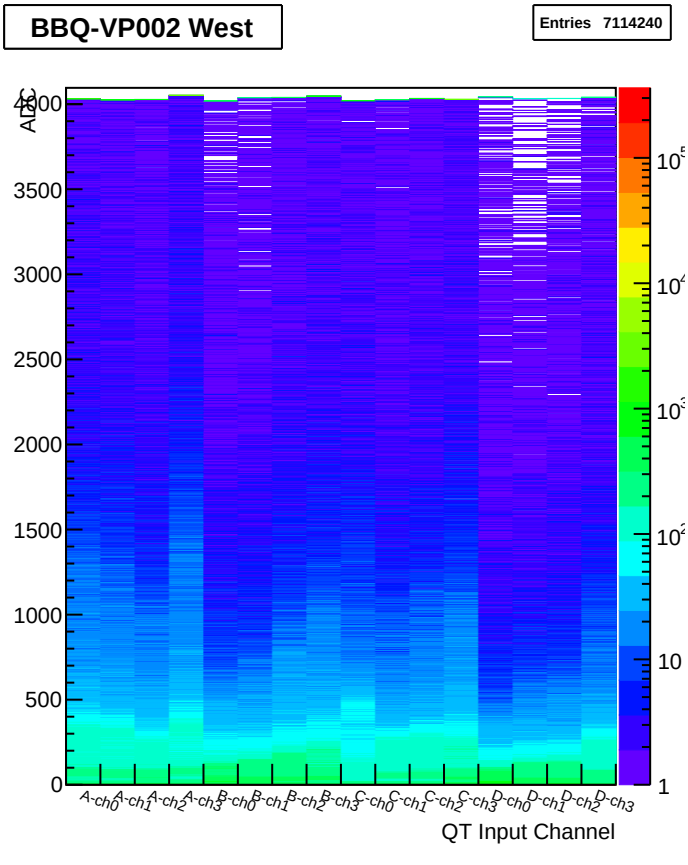

BBQ-ZD001 (ZDC TOWER)
Entries 7114240
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

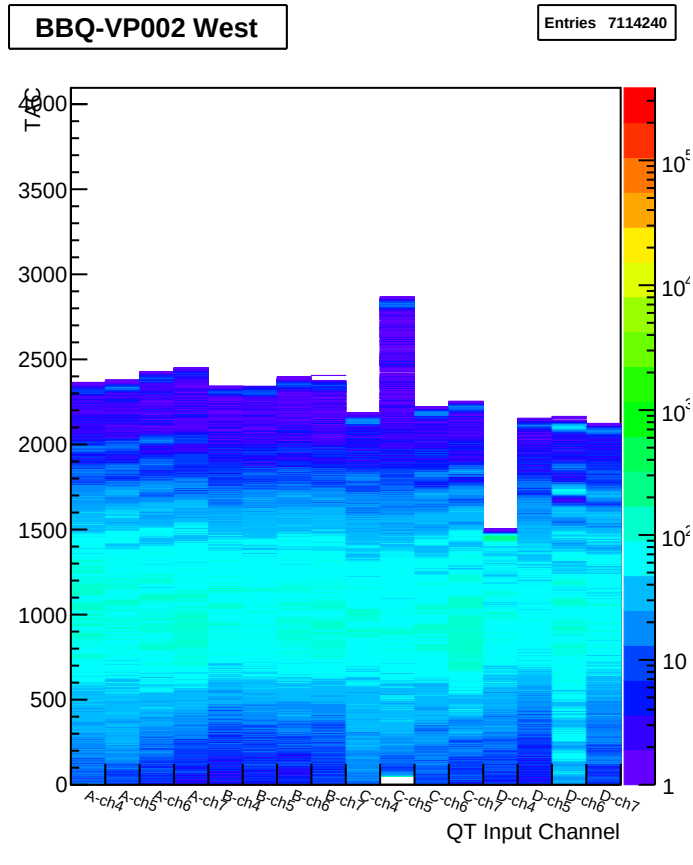

rawzdcEastTac
Entries 444640

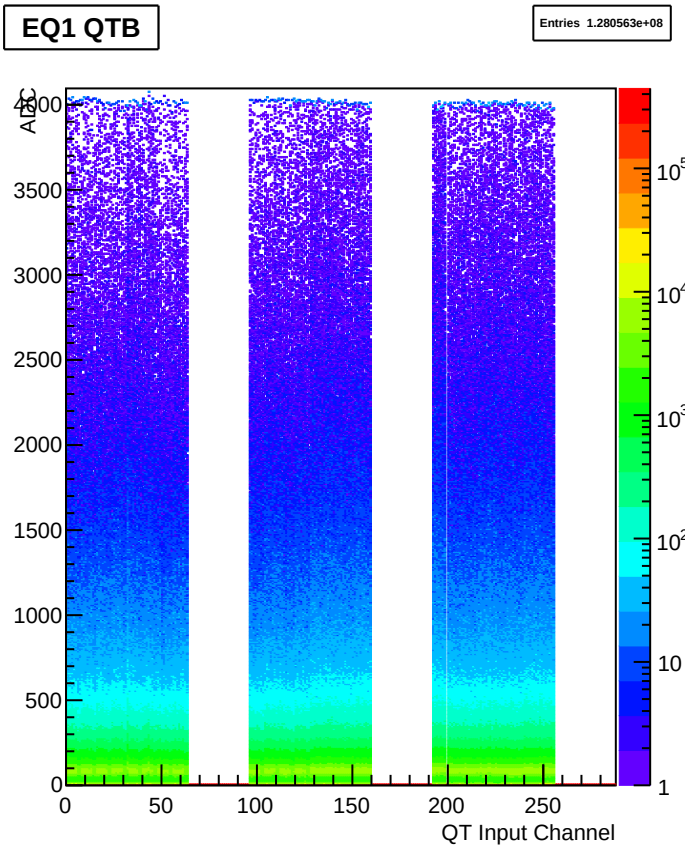

rawzdcWestTac
Entries 444640

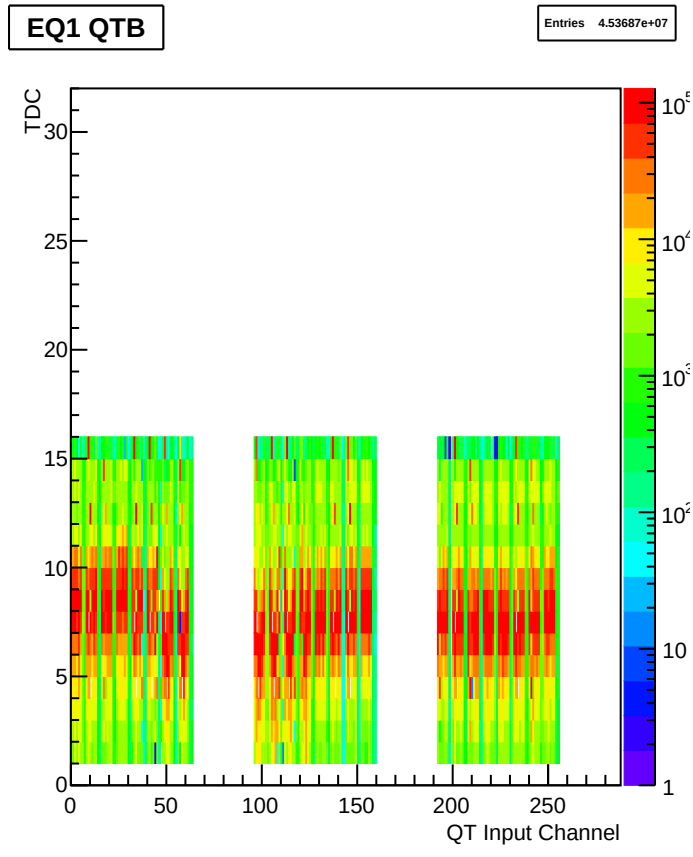

BBQ-VP001 East
Entries 7114240
ADC
QT Input Channel

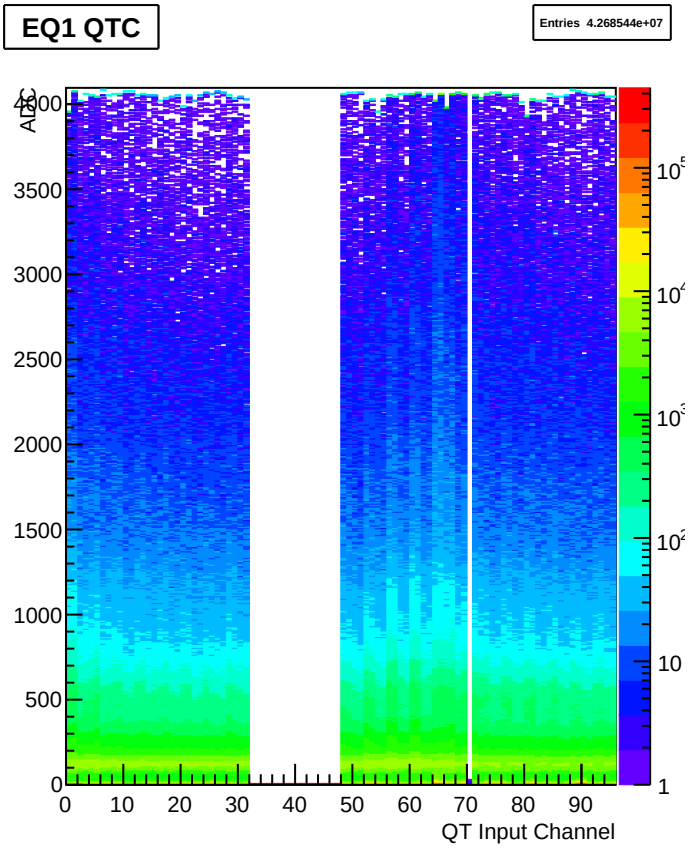

BBQ-VP001 East
Entries 7114240
TADC
QT Input Channel

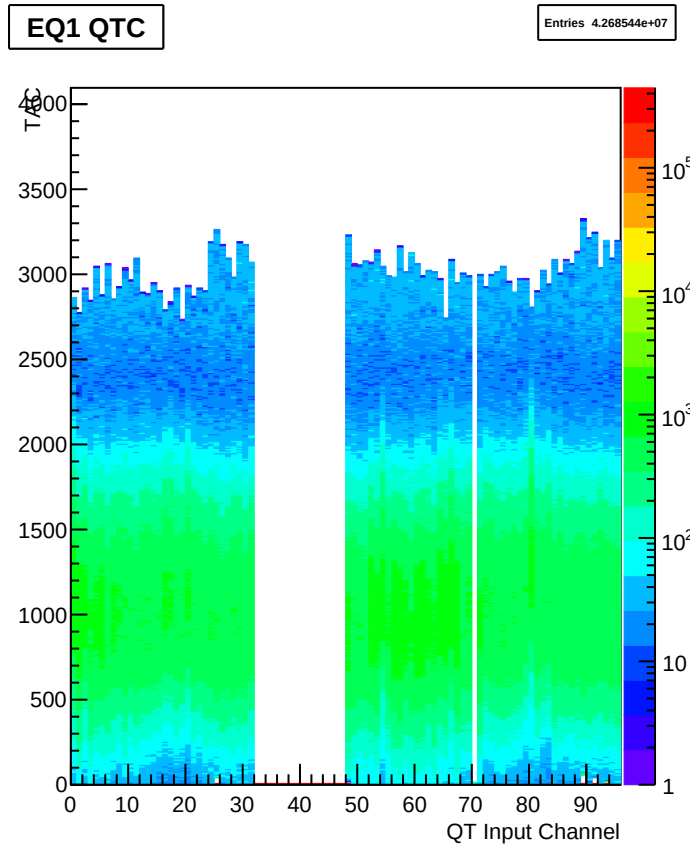

BBQ-VP002 West
Entries 7114240
ADC
QT Input Channel

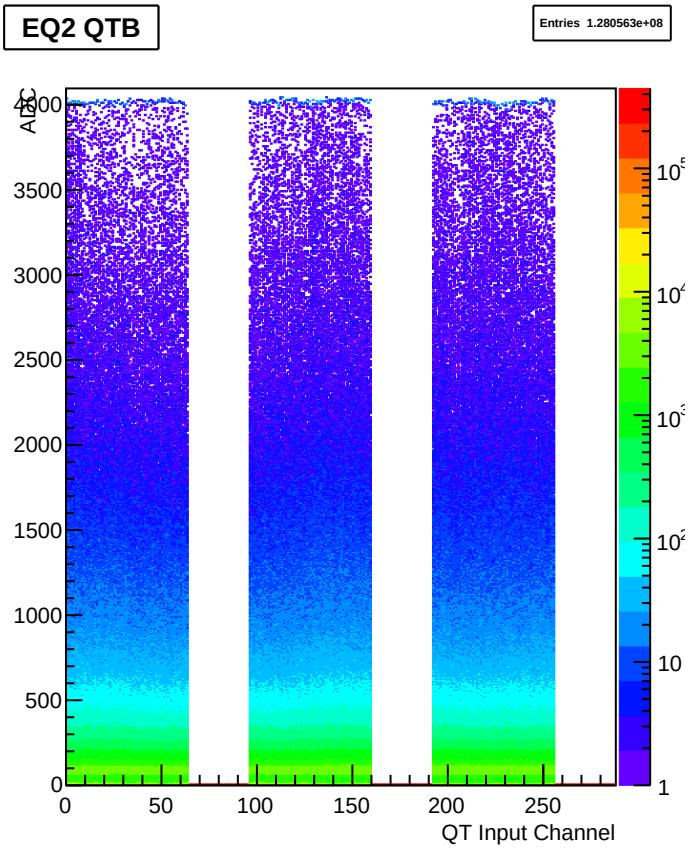

BBQ-VP002 West
Entries 7114240
TADC
QT Input Channel

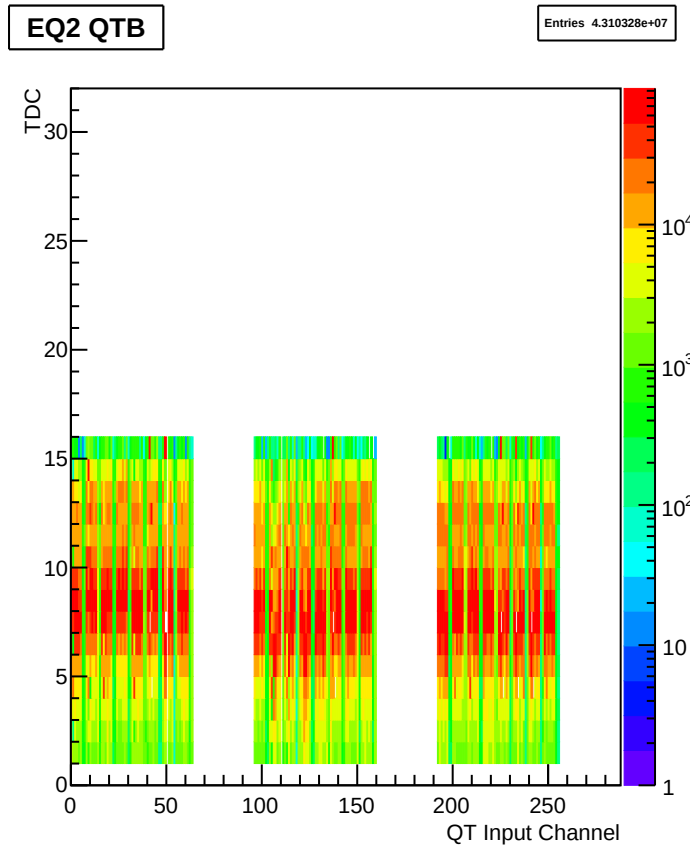

EQ1 QTB
Entries 1.280563e+08
ADC
QT Input Channel

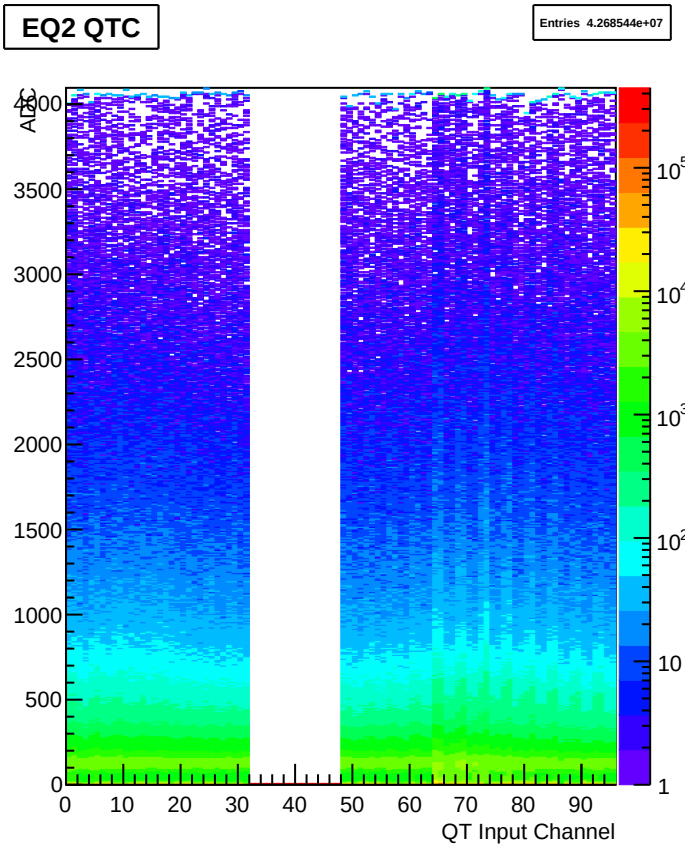

EQ1 QTB
Entries 4.53687e+07
TDC
QT Input Channel

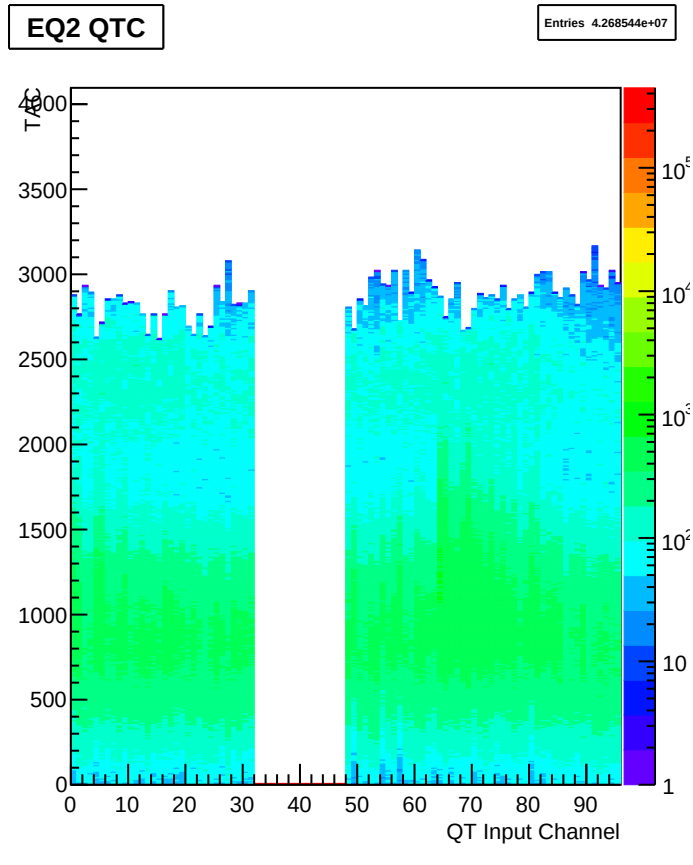

EQ1 QTC
Entries 4.268544e+07
ADC
QT Input Channel

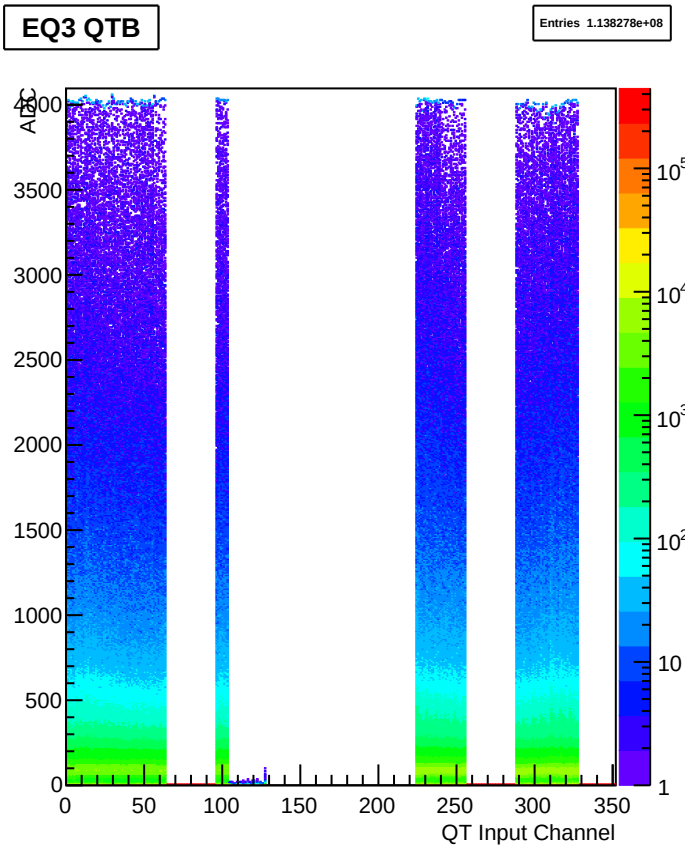

EQ1 QTC
Entries 4.268544e+07
TADC
QT Input Channel

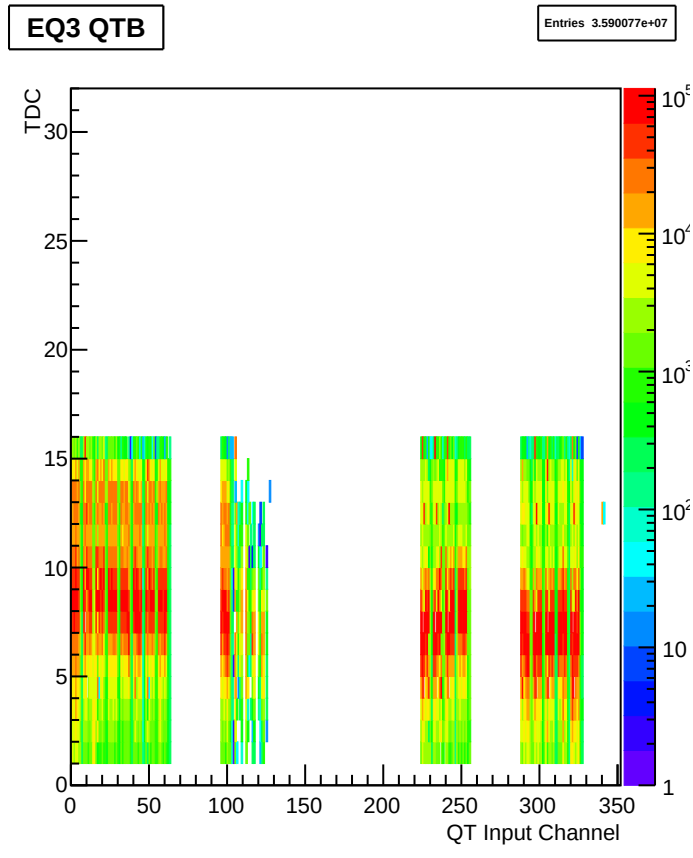

EQ2 QTB
Entries 1.280563e+08
ADC
QT Input Channel

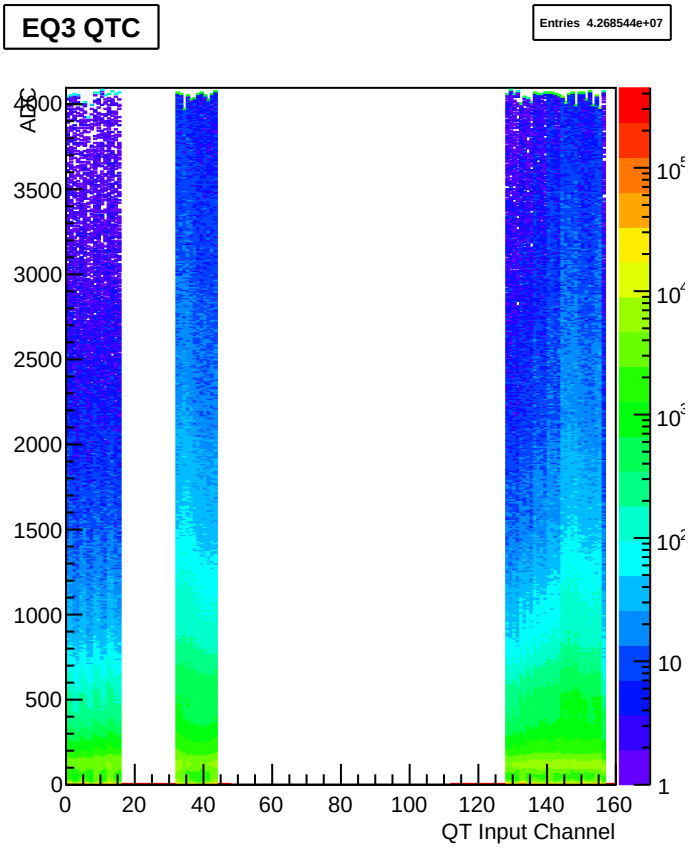

EQ2 QTB
Entries 4.310328e+07
TDC
QT Input Channel

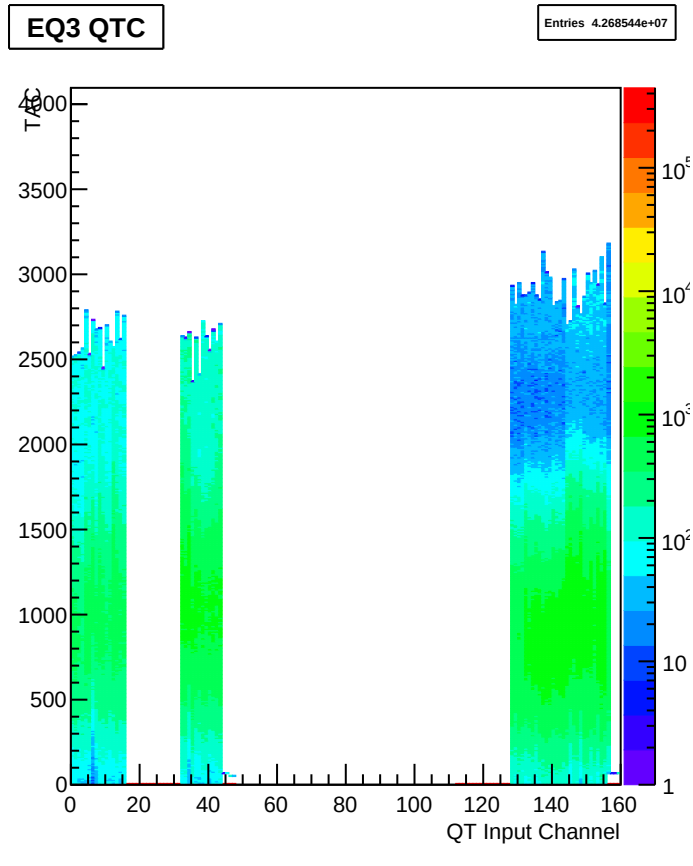

EQ2 QTC
Entries 4.268544e+07
ADC
QT Input Channel

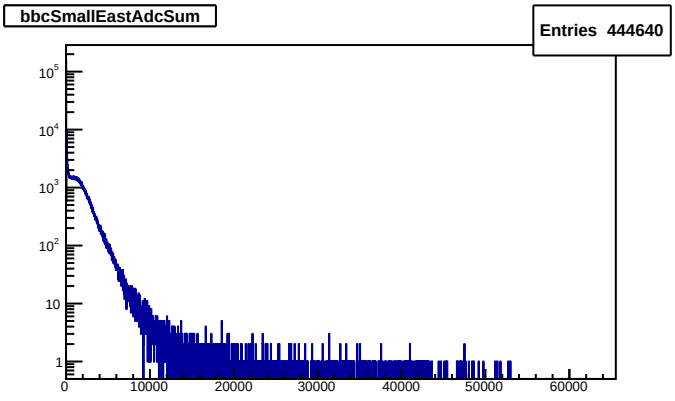

EQ2 QTC
Entries 4.268544e+07
TADC
QT Input Channel

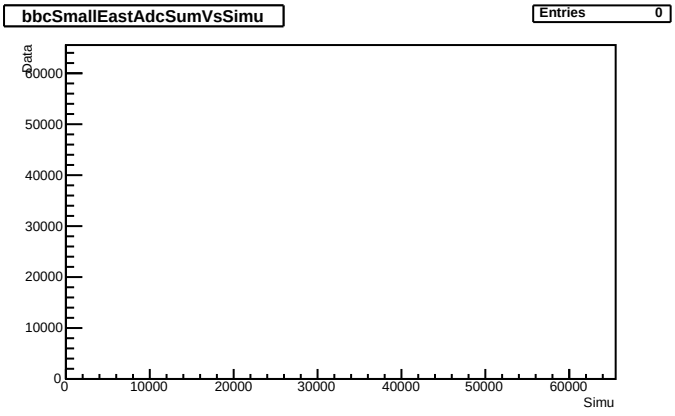

EQ3 QTB
Entries 1.138278e+08
ADC
QT Input Channel

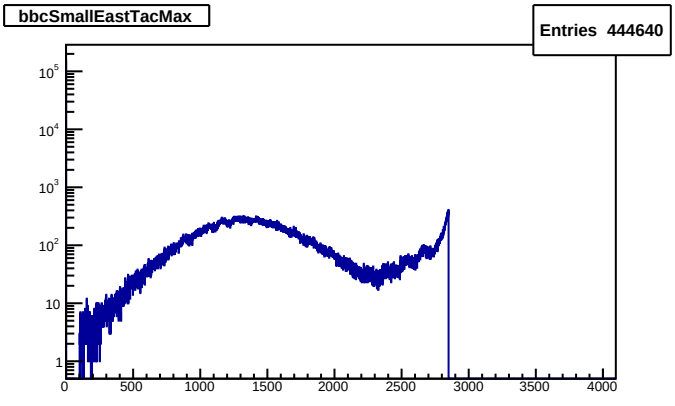

EQ3 QTB
Entries 3.590077e+07
TDC
QT Input Channel

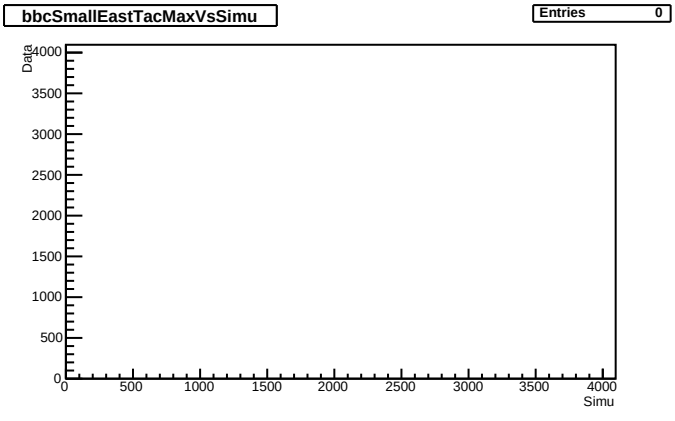

EQ3 QTC
Entries 4.268544e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.268544e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 444640


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 444640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Entries 0
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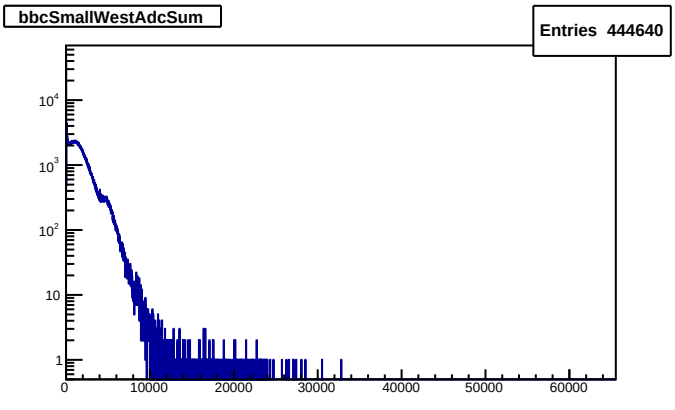
Simu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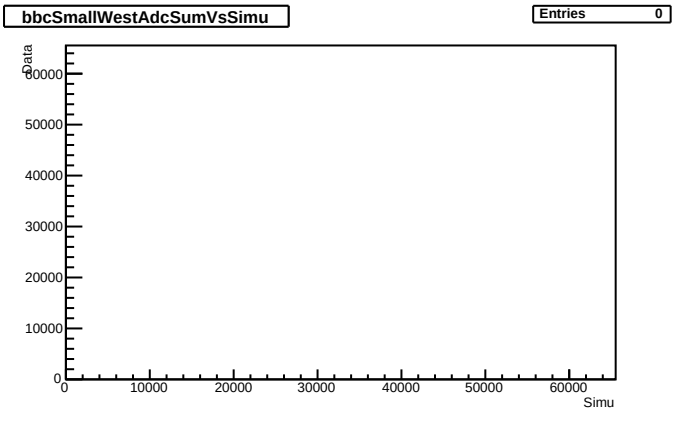
Entries 444640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Entries 0
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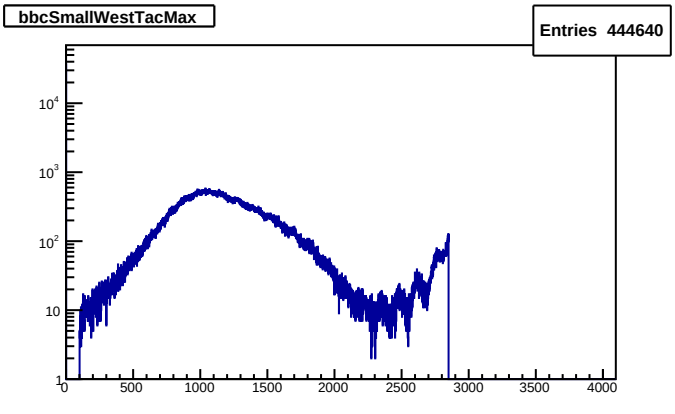
Simu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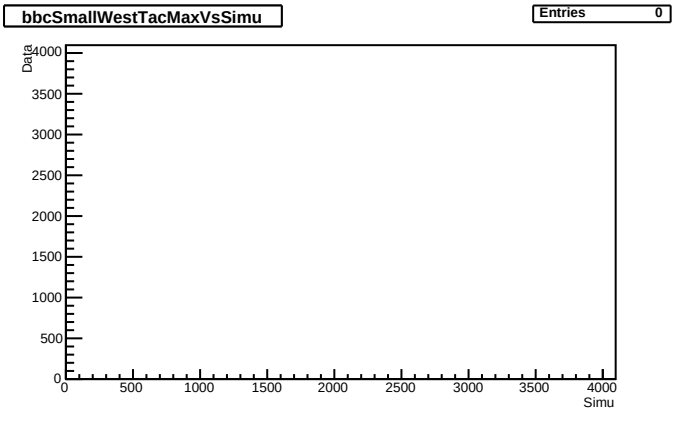
Entries 444640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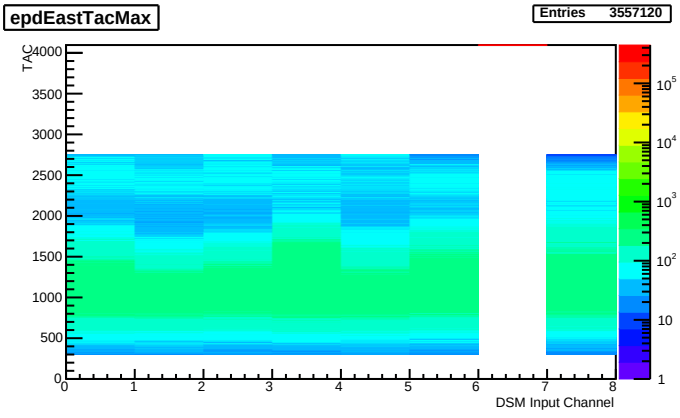
Entries 0
Data
Simu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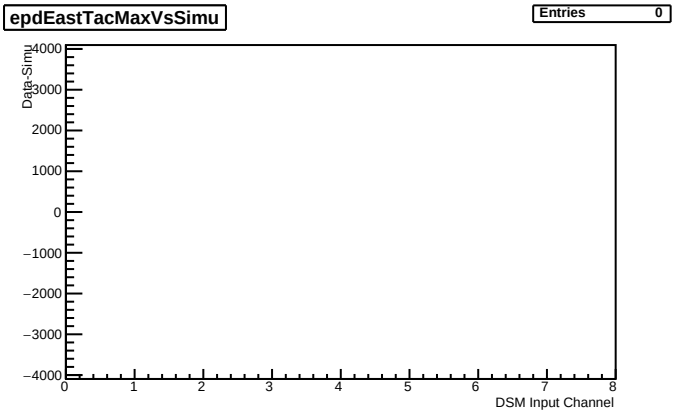
Entries 3557120
TAC
DSM Input Channel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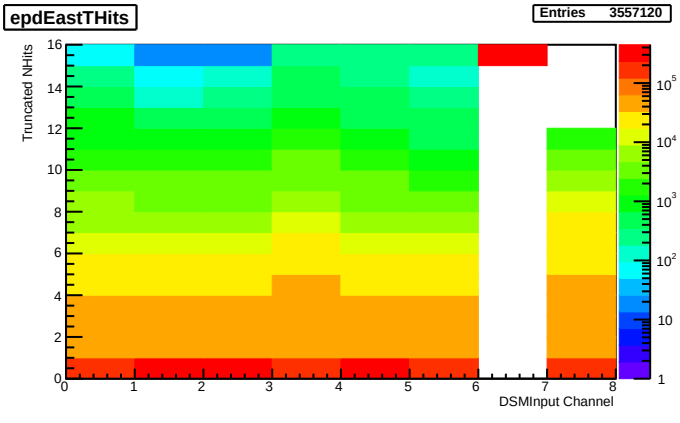
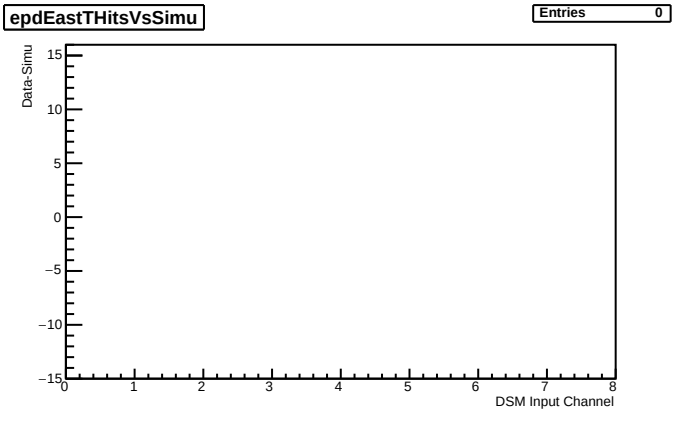
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3557120
Truncated NHits
DSMInput Channel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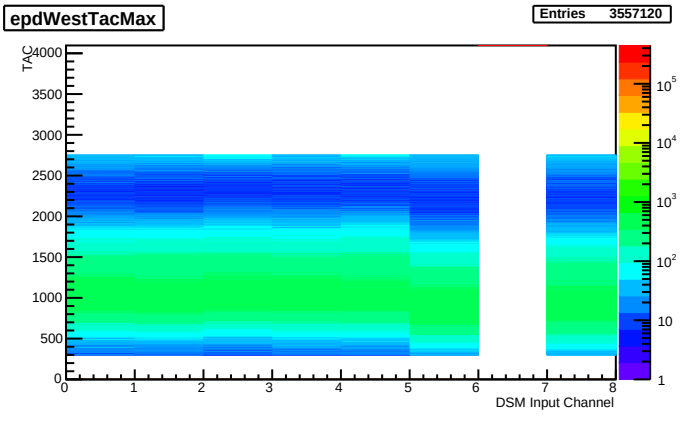
Data-Simu
DSM Input Channel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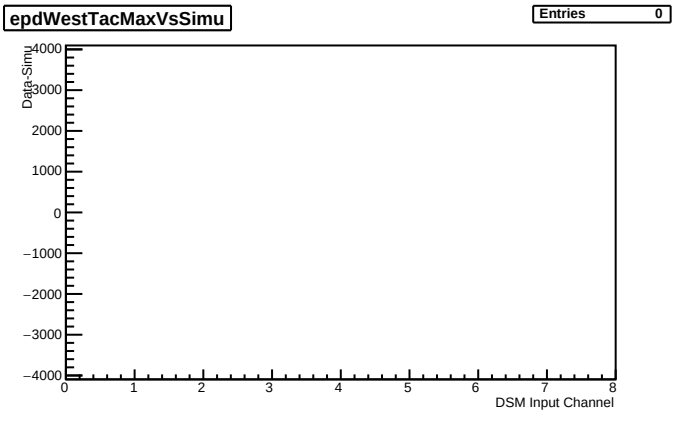
DSM Input Channel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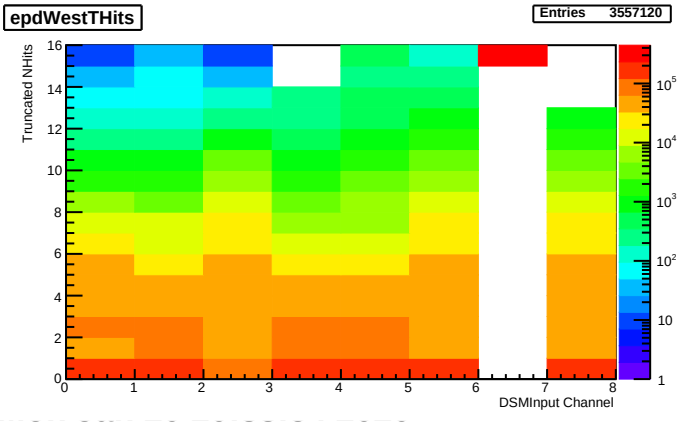
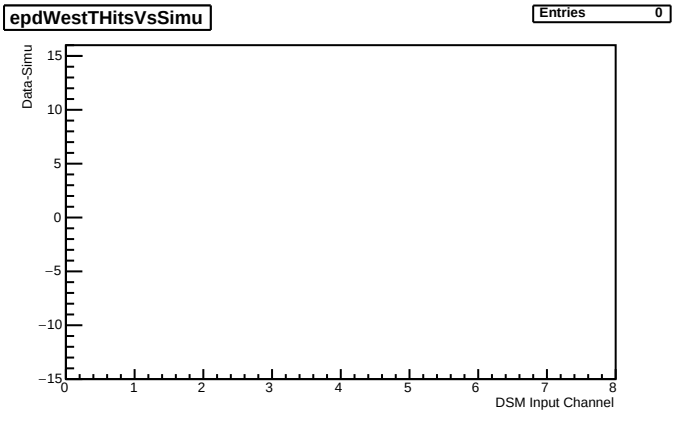
Data-Simu
DSM Input Channel


epdWestTHits
Entries 3557120
Truncated NHits
DSMInput Channel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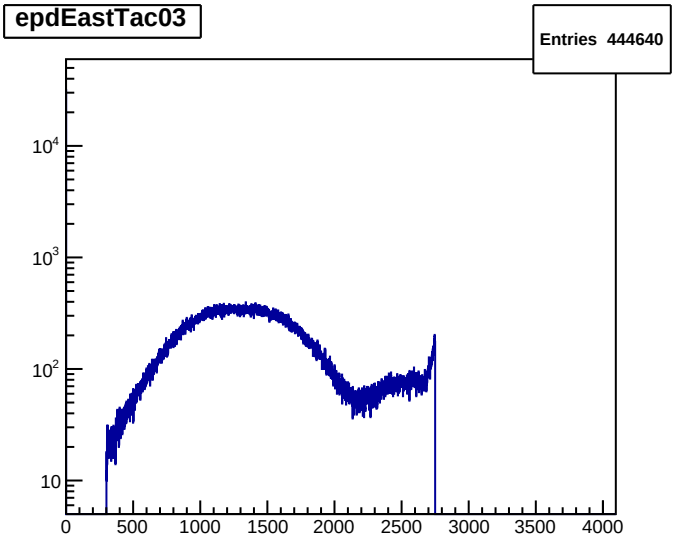
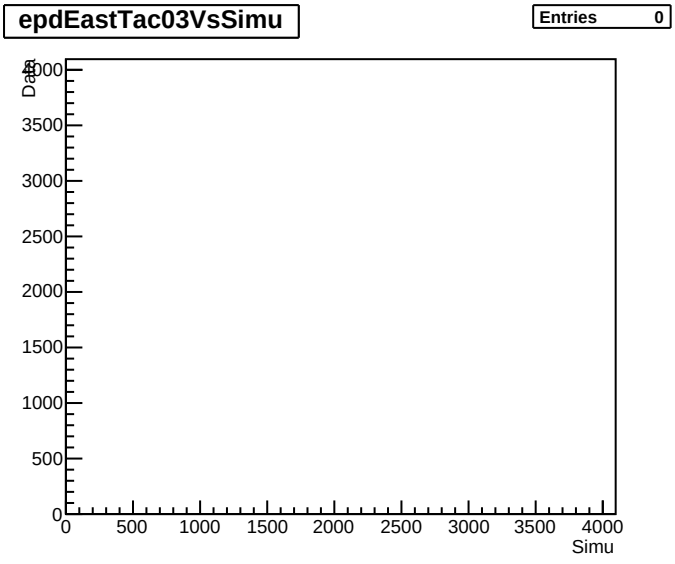
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 444640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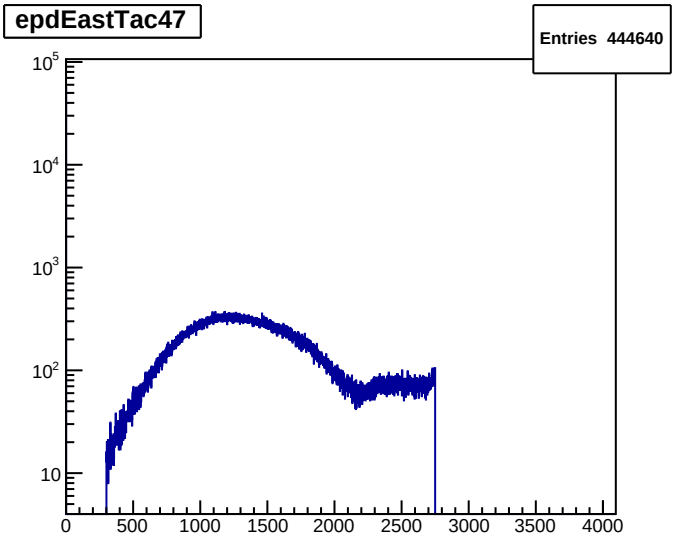
Entries 0
Data
Simu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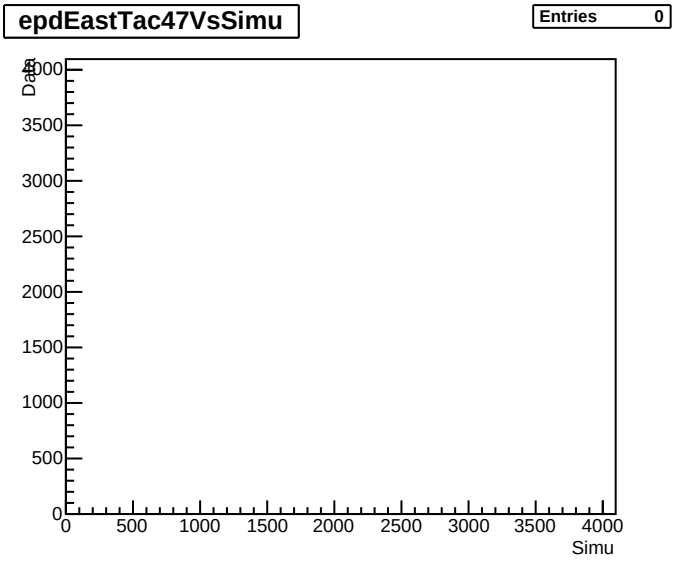
Entries 444640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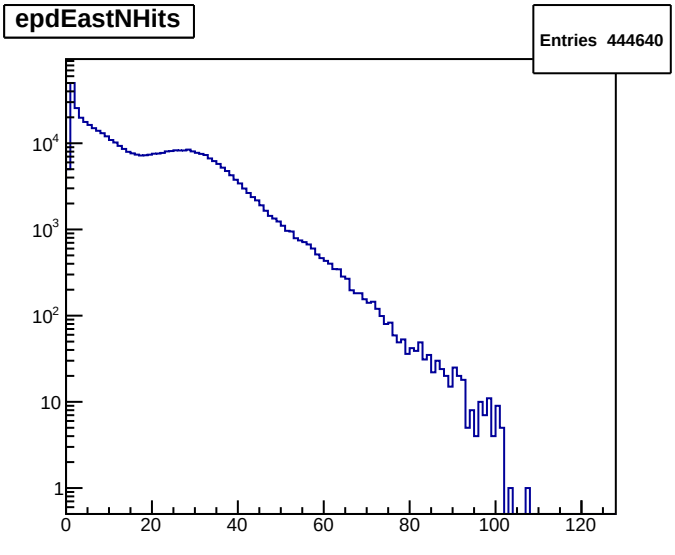
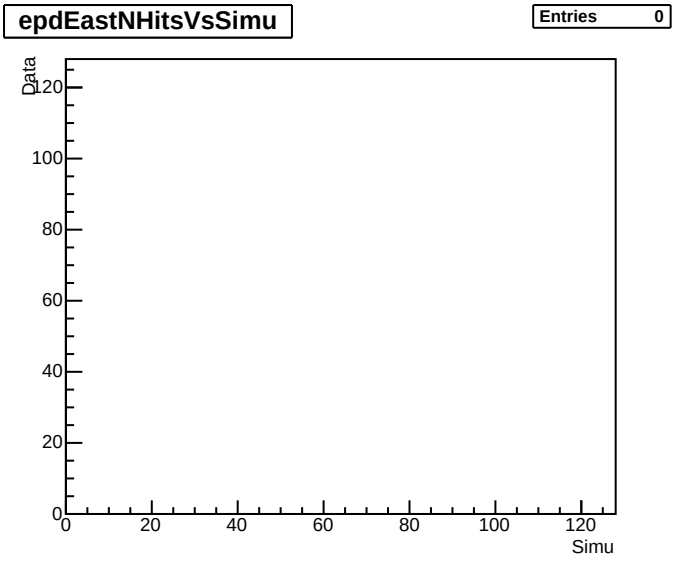
Entries 0
Data
Simu


epdEastNHits
Entries 444640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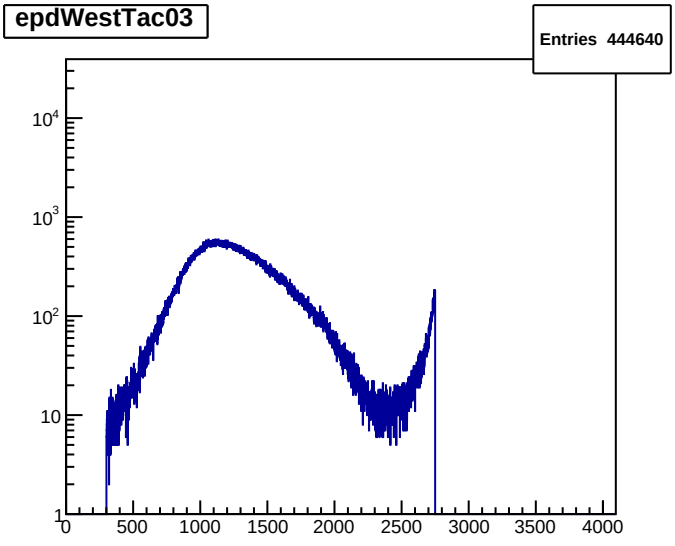
Entries 0
Data
Simu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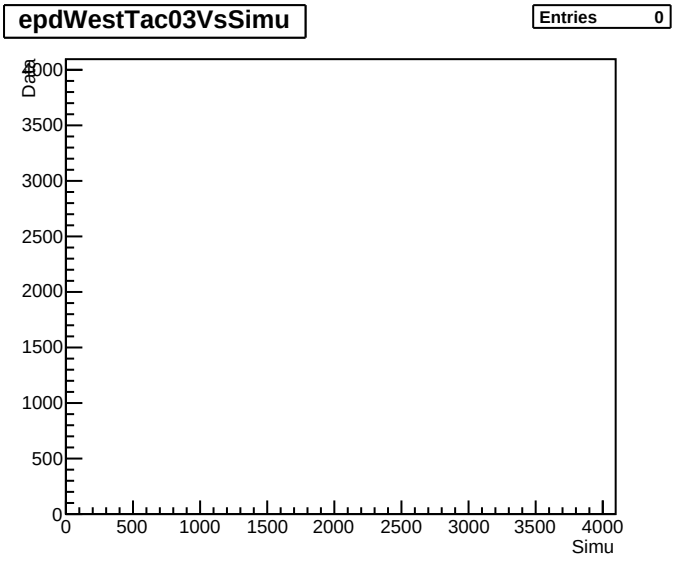
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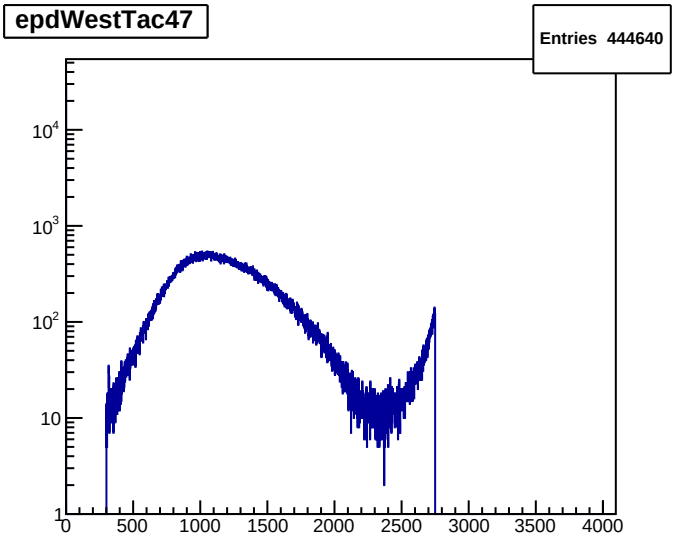
Entries 0
Data
Simu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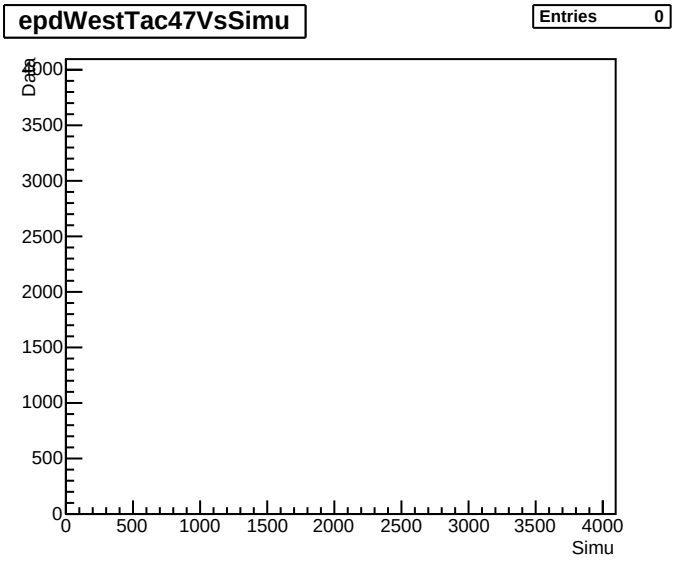
Entries 444640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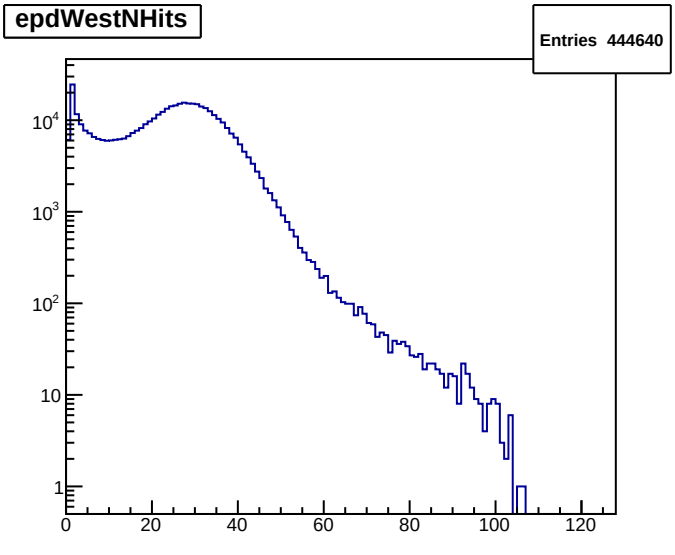
Entries 0
Data
Simu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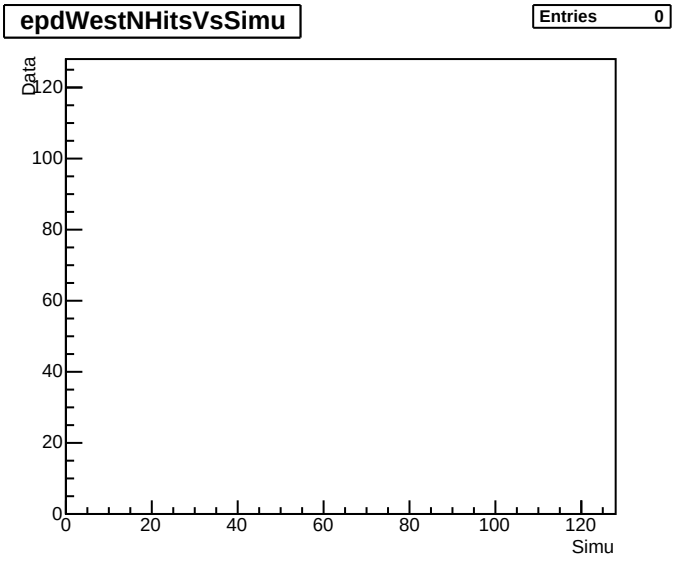
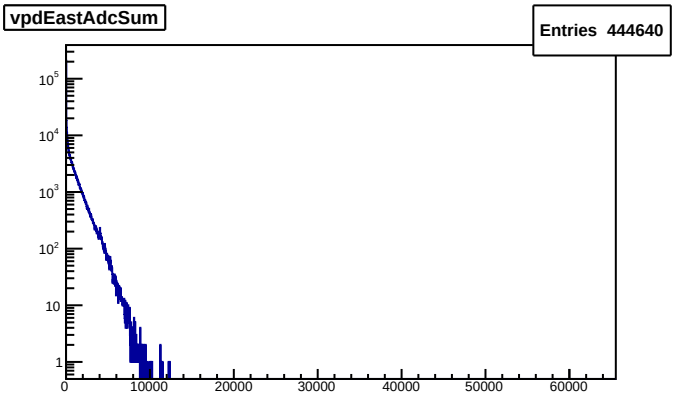
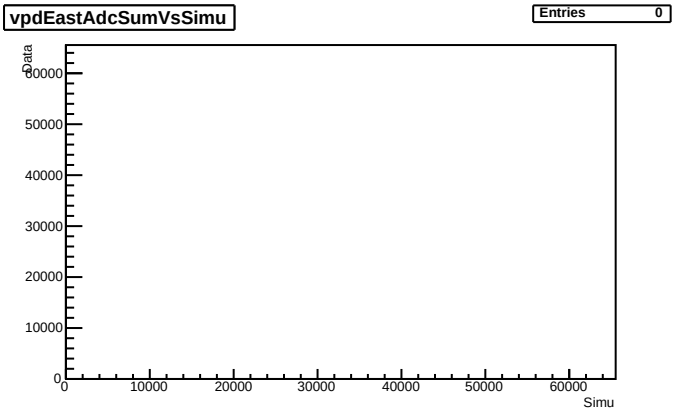
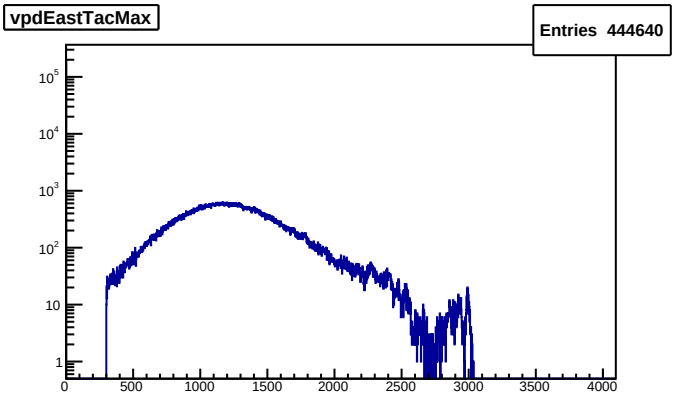
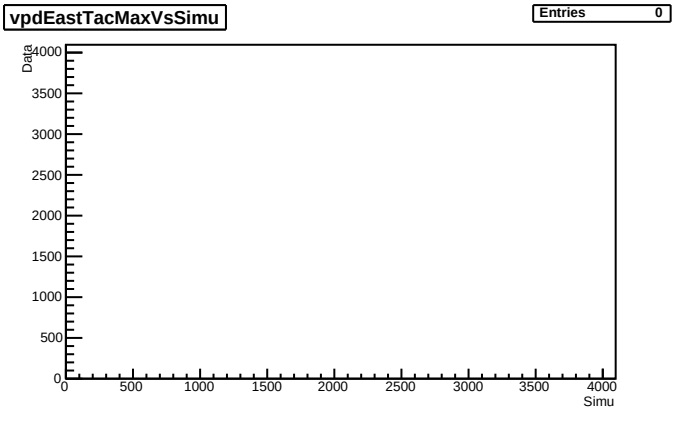
Entries 444640


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 444640


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
Entries 444640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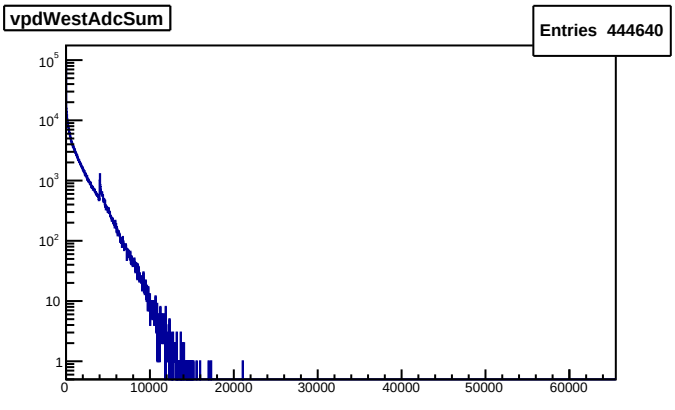
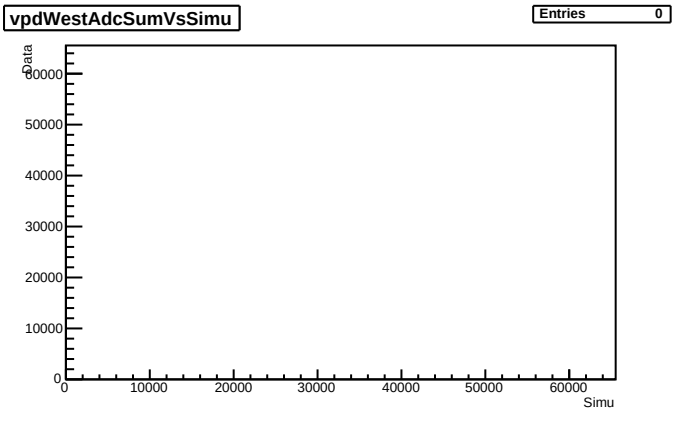
Entries 0
Data
Simu


vpdWestAdcSum
Entries 444640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Entries 0
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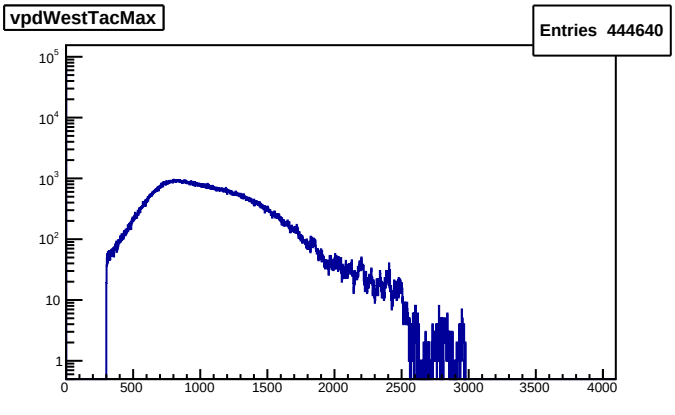
Simu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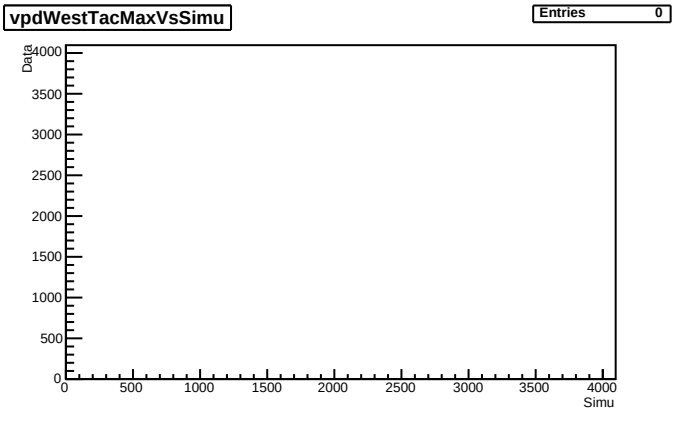
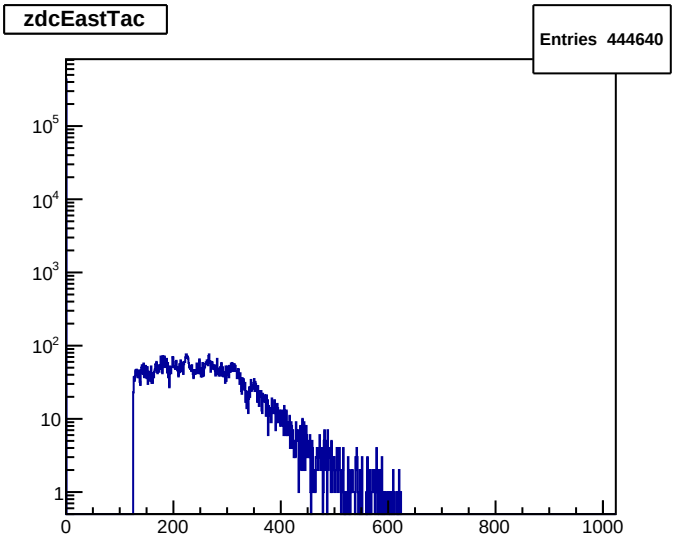
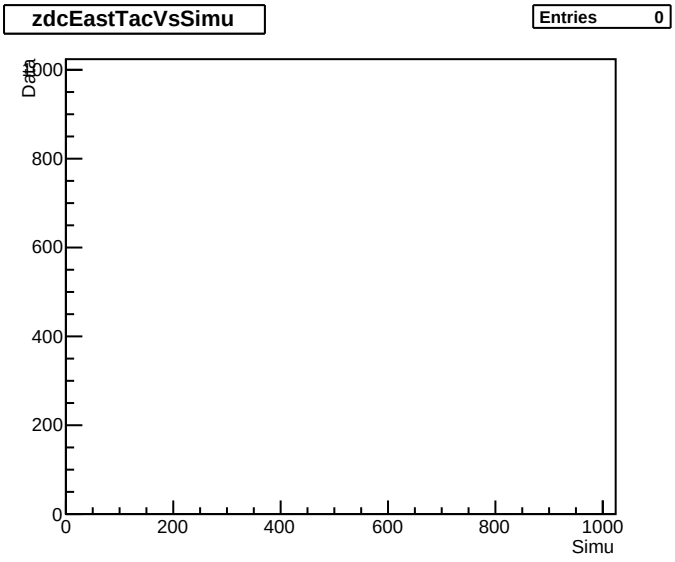
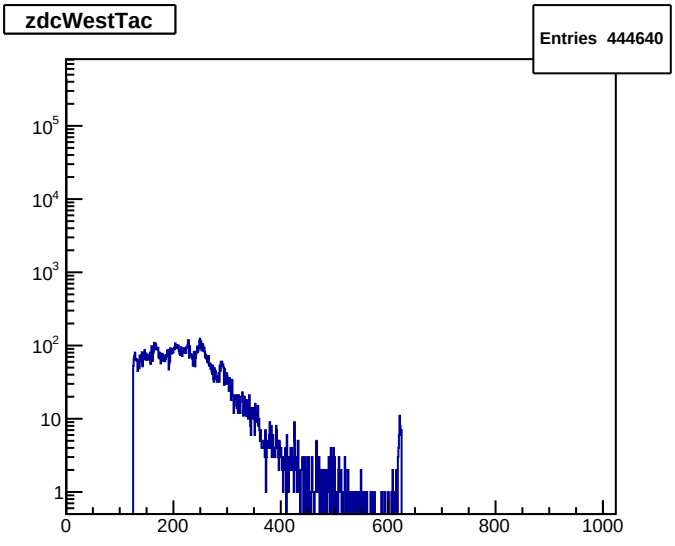
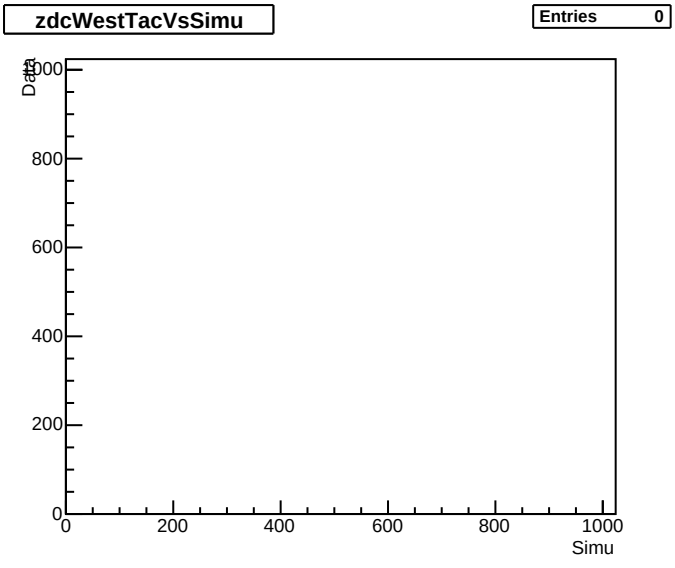
Entries 444640

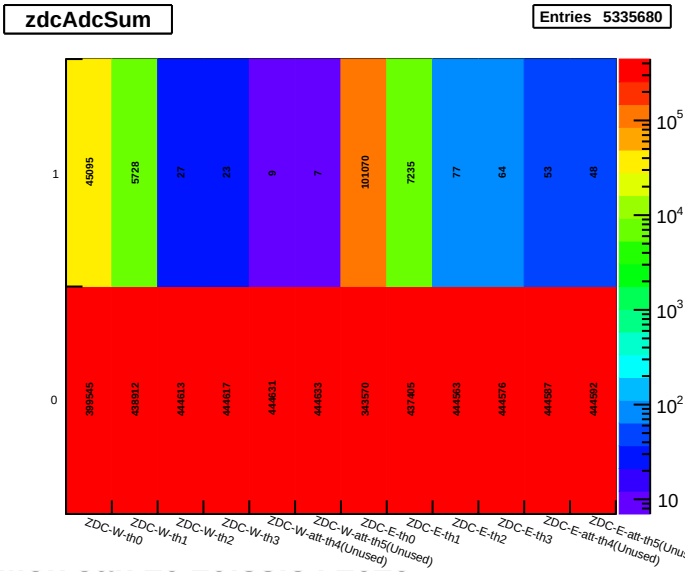

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 444640
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 444640
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 5335680
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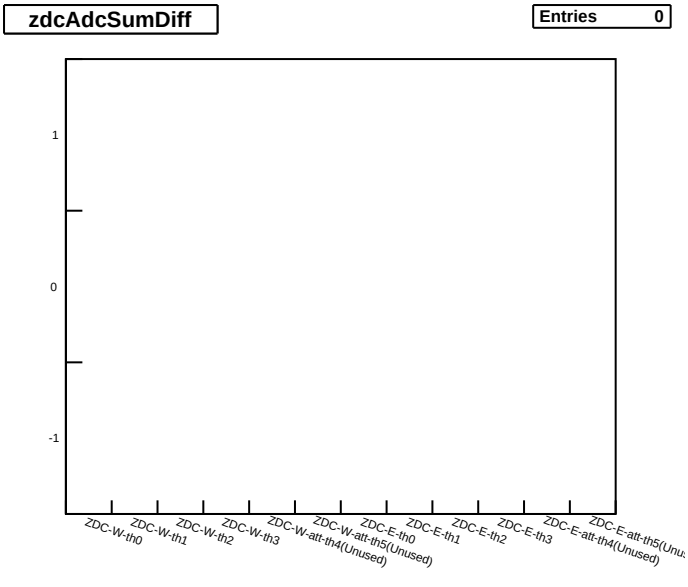
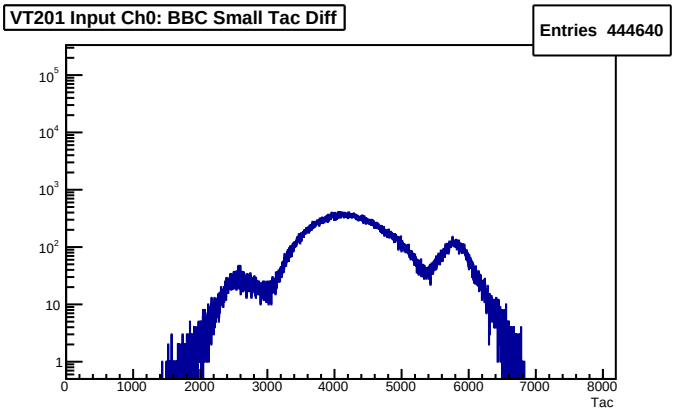
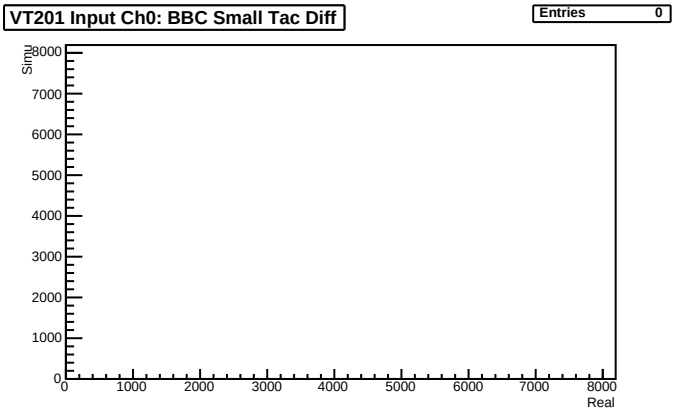
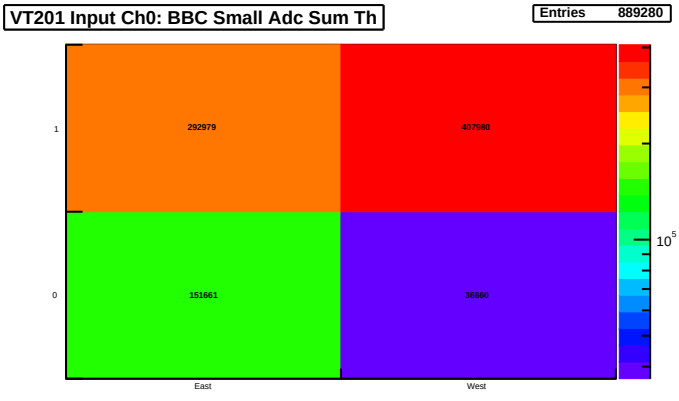
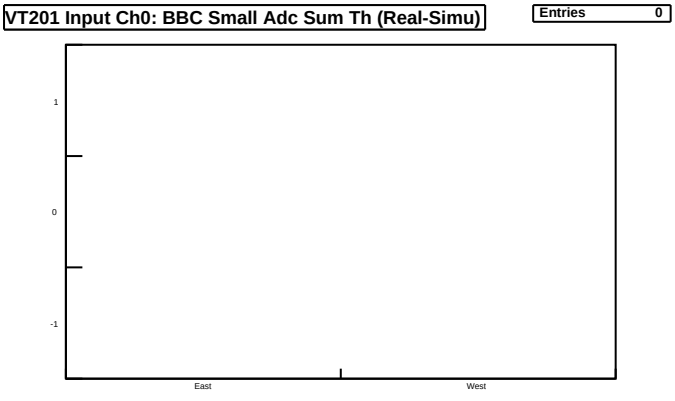
0
45095
5728
27
23
9
7
101070
7235
77
64
53
48
399545
438912
444613
444617
444631
444633
343570
437405
444563
444576
444587
444592
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

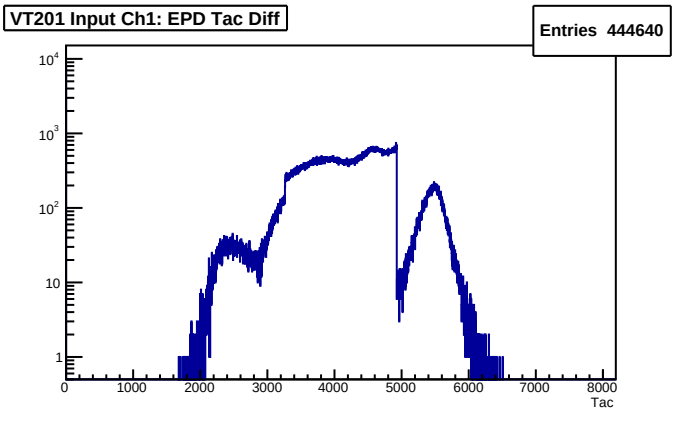

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

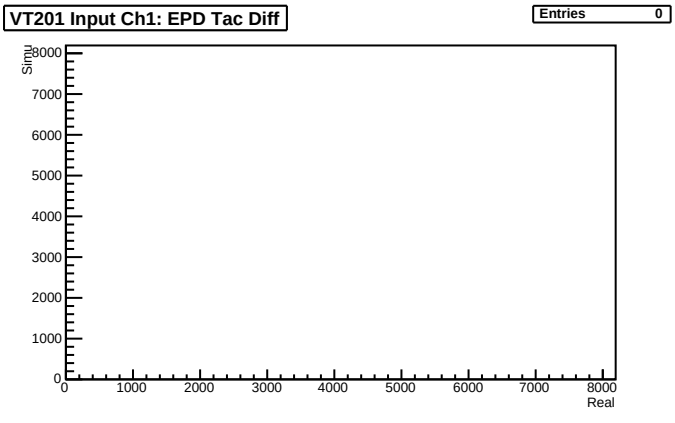

VT201 Input Ch0: BBC Small Tac Diff
Entries 444640
Tac

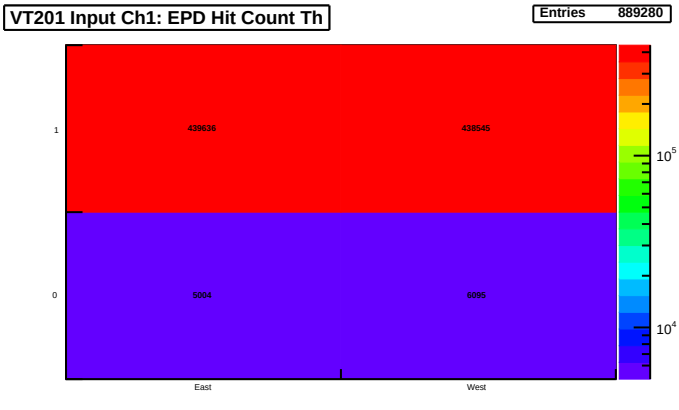

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

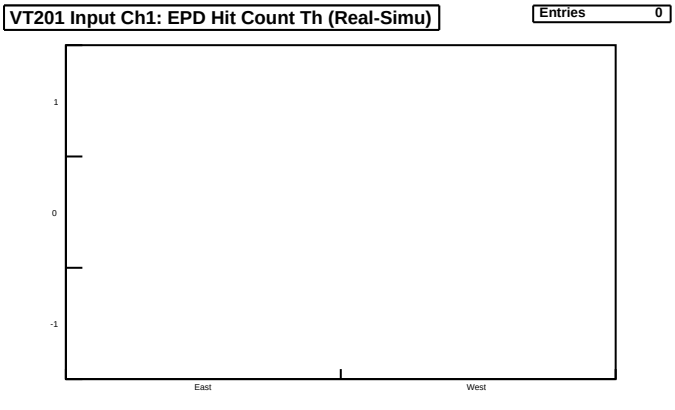

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 889280
292979
407980
151661
36660
East
West

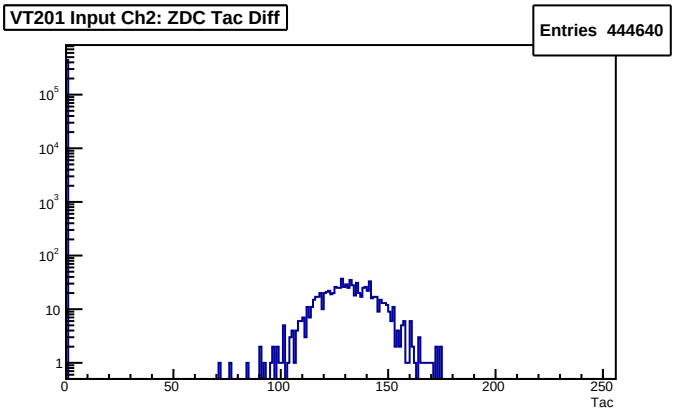

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

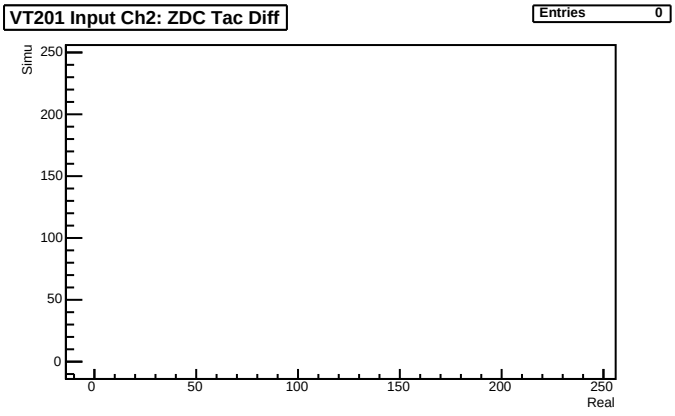

VT201 Input Ch1: EPD Tac Diff
Entries 444640
Tac

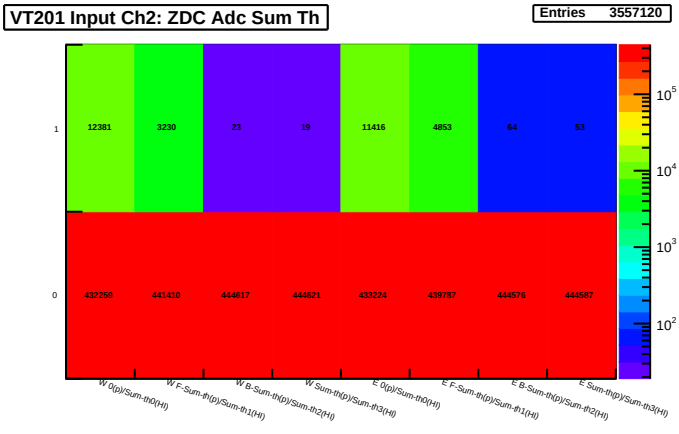

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

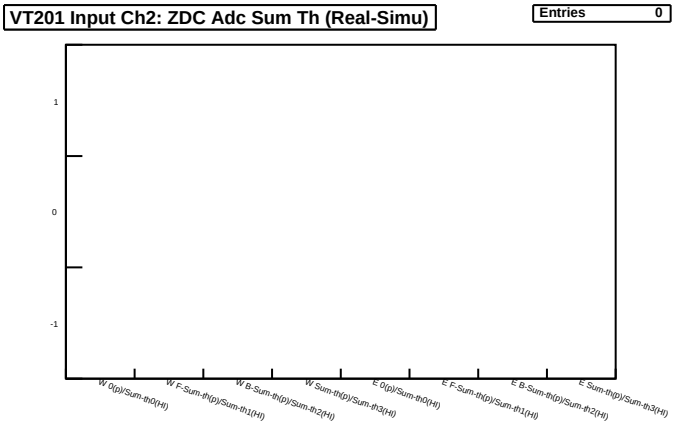

VT201 Input Ch1: EPD Hit Count Th
Entries 889280
439636
438545
5004
6095
East
West

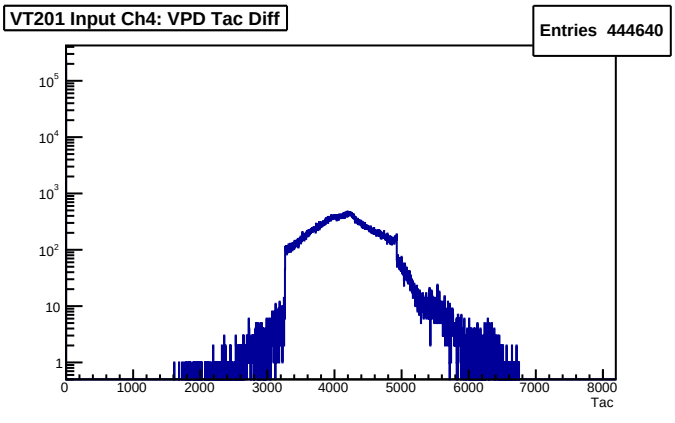

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

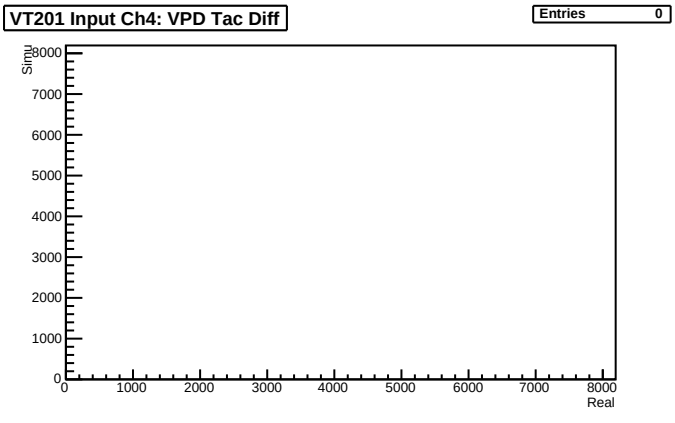

VT201 Input Ch2: ZDC Tac Diff
Entries 444640
Tac

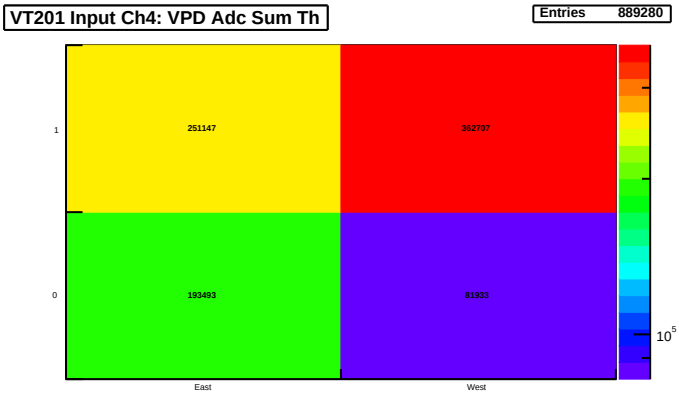

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

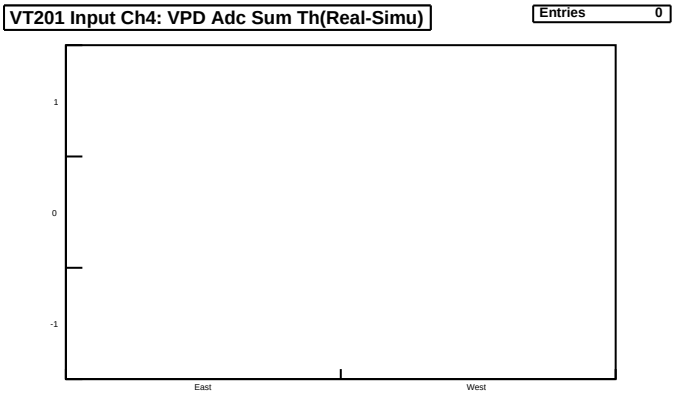

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3557120
12381
3230
23
19
11416
4853
64
53
432259
441410
444617
444621
433224
439787
444576
444587
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

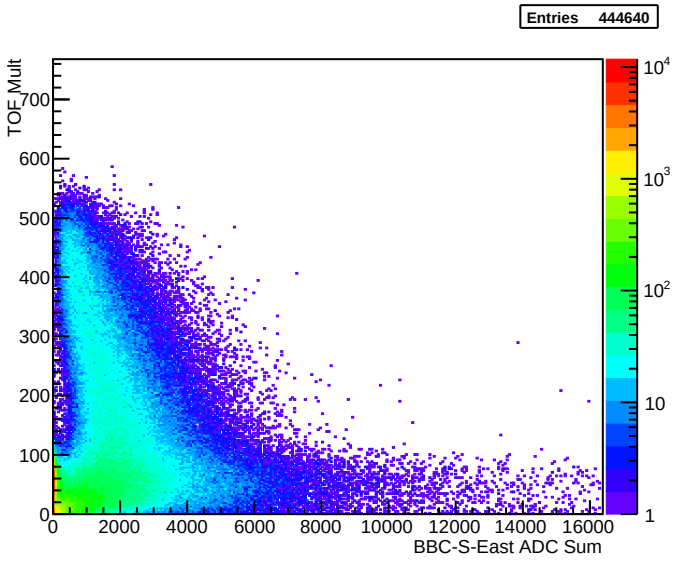

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

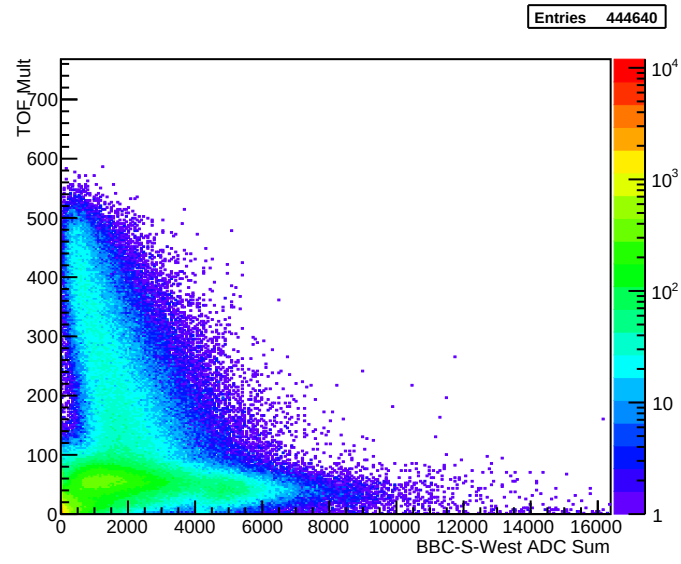

VT201 Input Ch4: VPD Tac Diff
Entries 444640
Tac

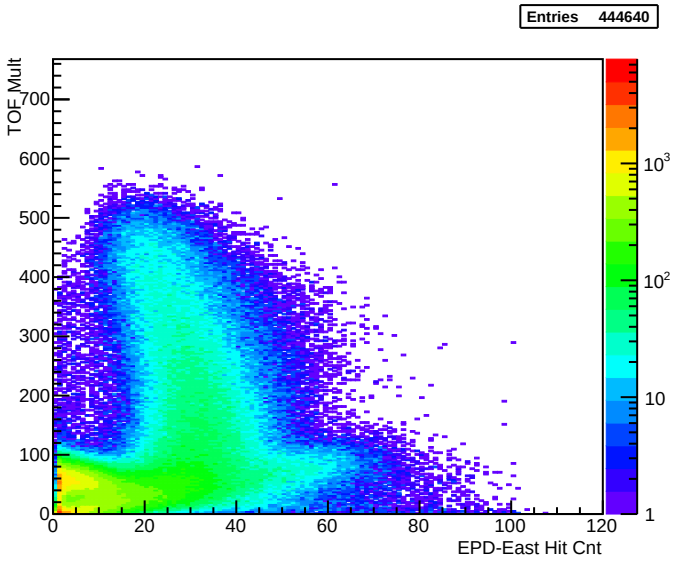

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

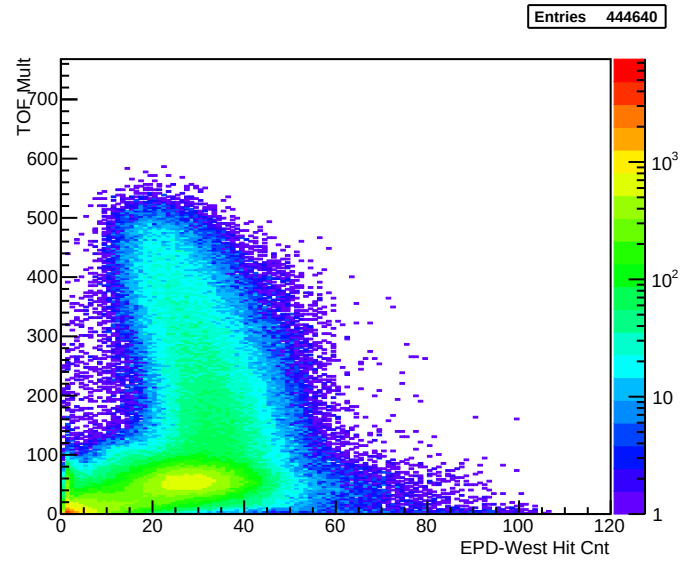

VT201 Input Ch4: VPD Adc Sum Th
Entries 889280
251147
362707
193493
81933
East
West

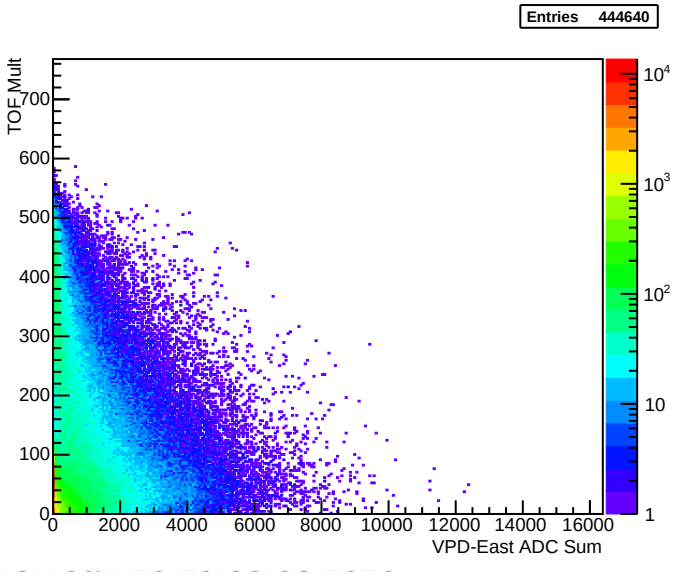

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

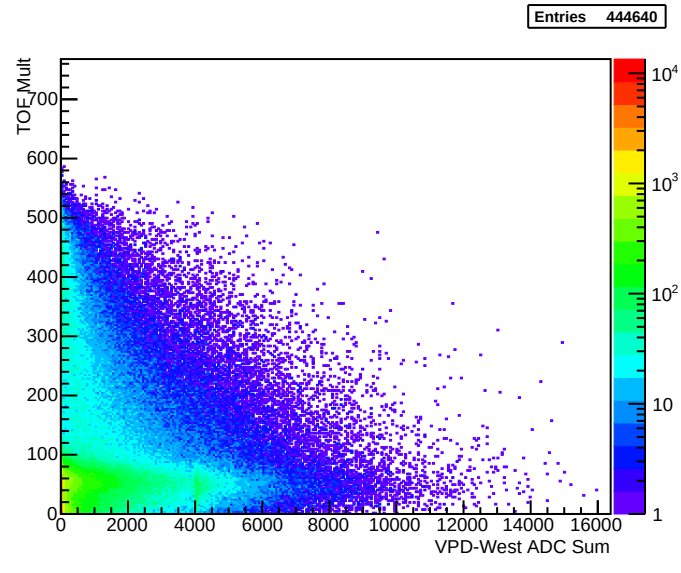

Entries 444640
TOF_Mult
BBC-S-East ADC Sum

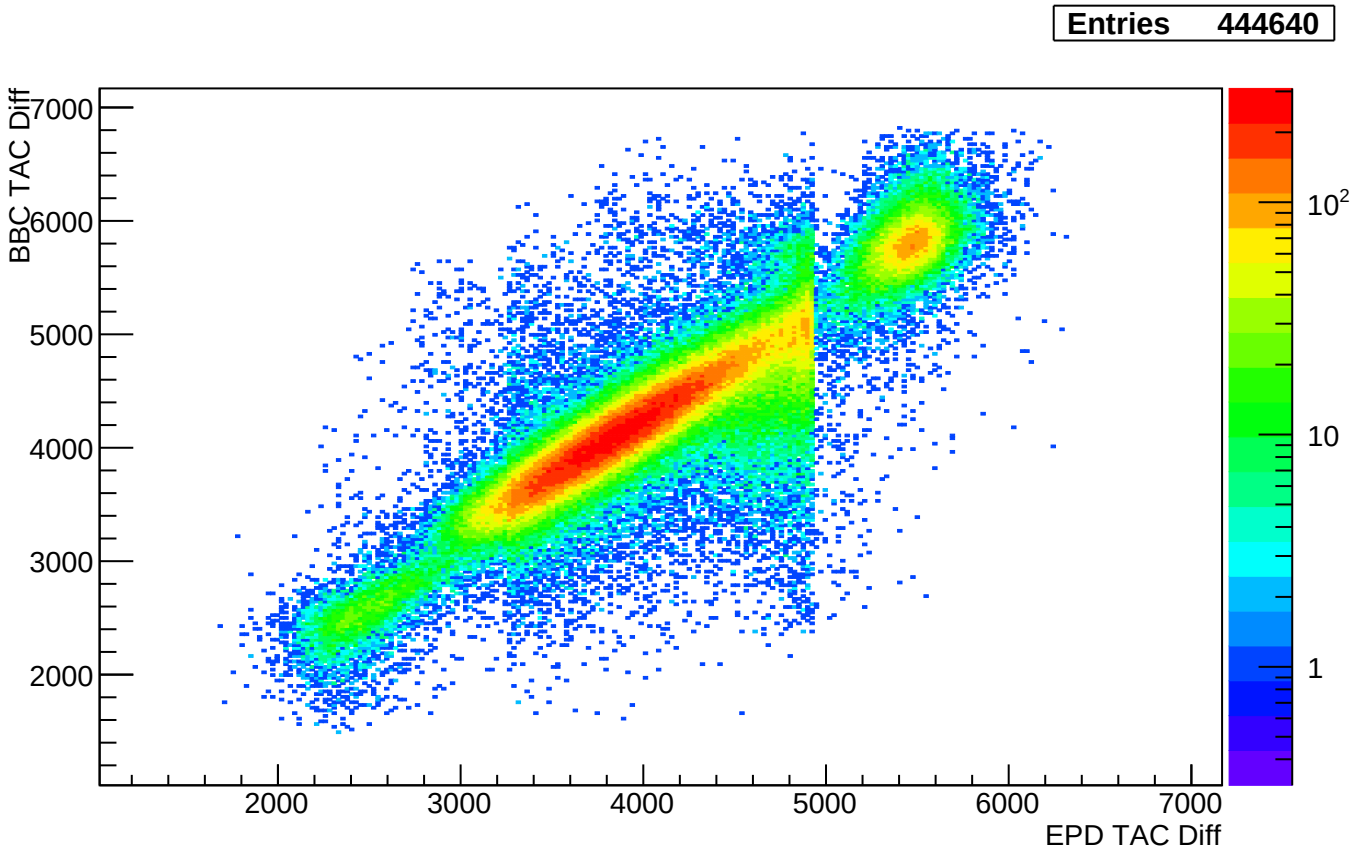

Entries 444640
TOF_Mult
BBC-S-West ADC Sum

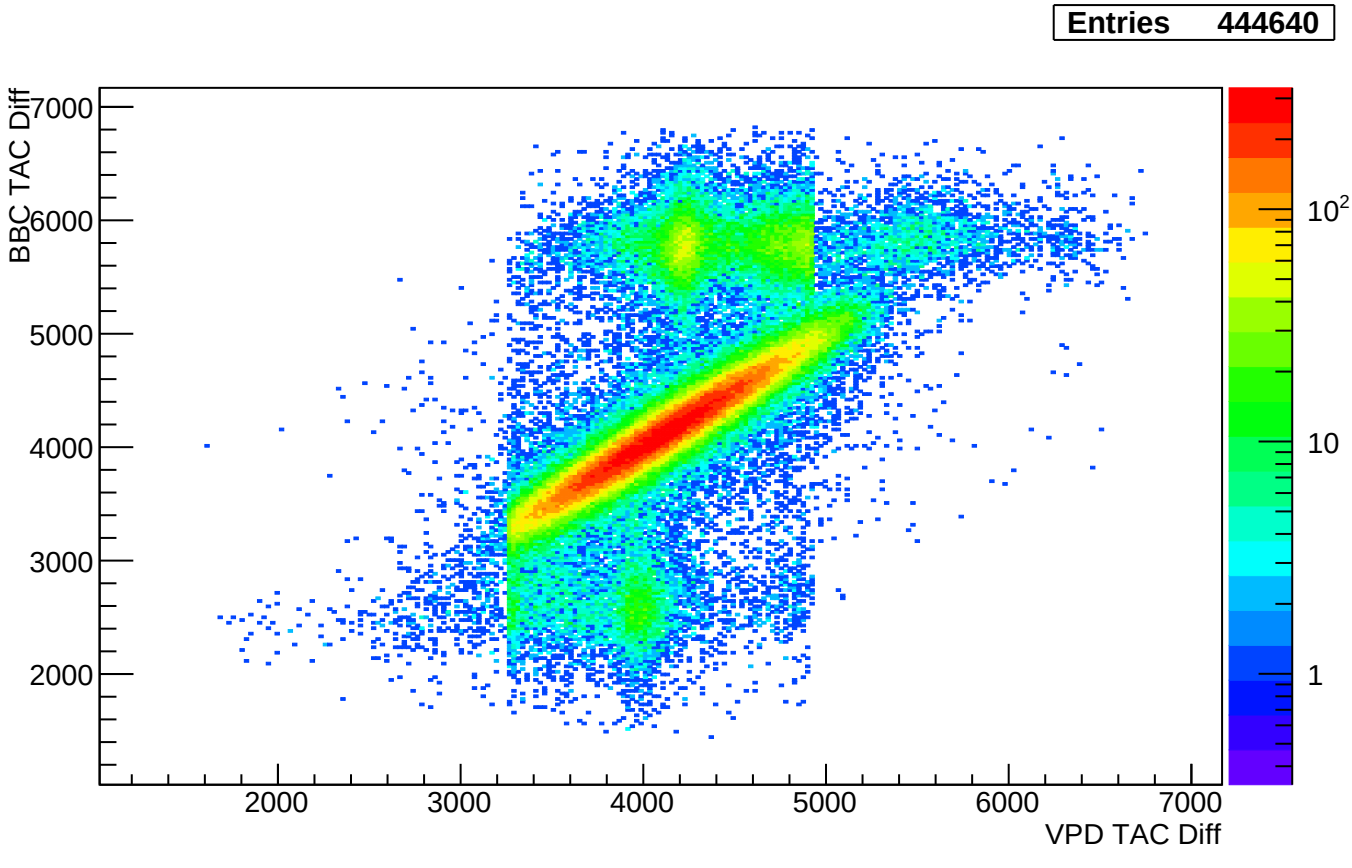

Entries 444640
TOF_Mult
EPD-East Hit Cnt

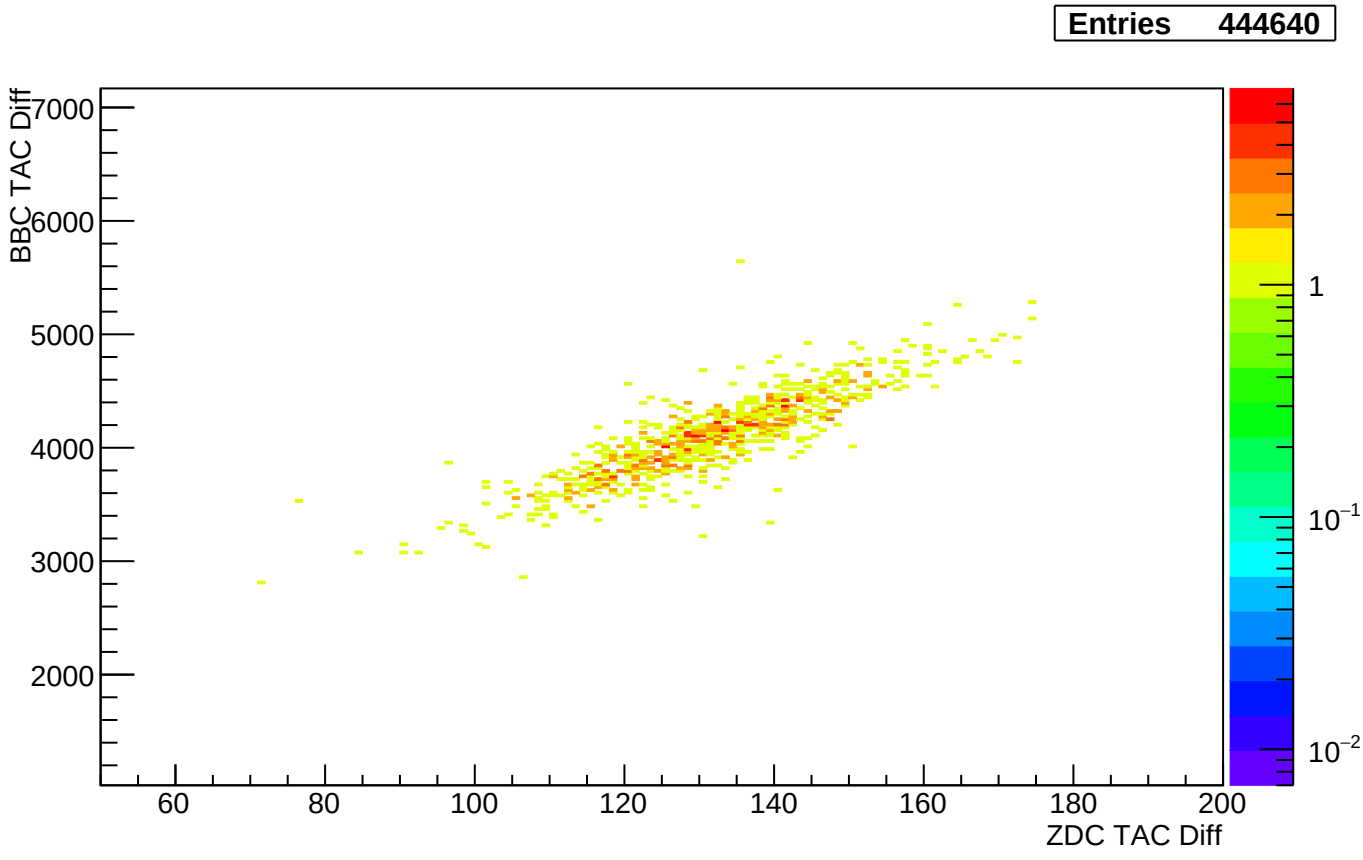

Entries 444640
TOF_Mult
EPD-West Hit Cnt

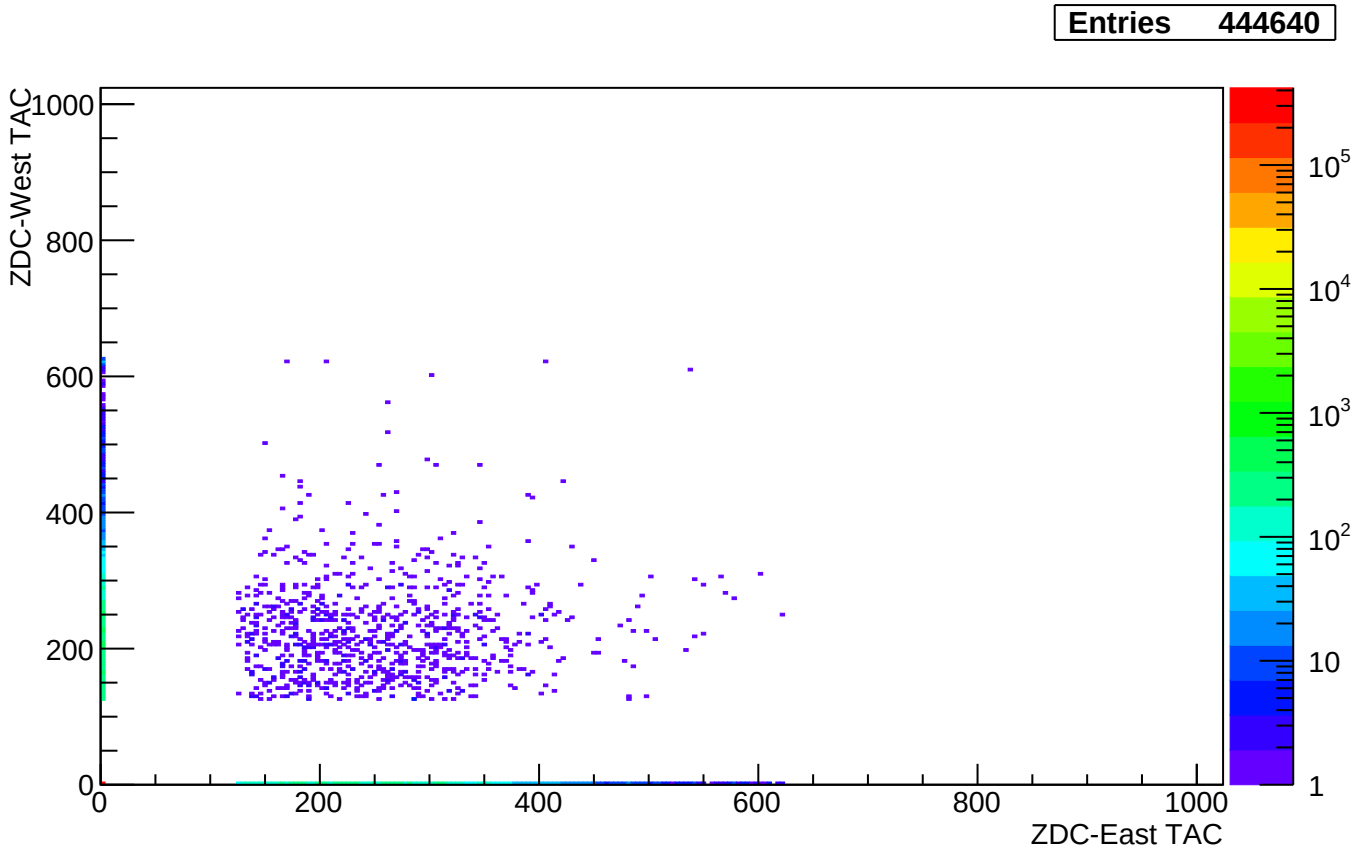

Entries 444640
TOF_Mult
VPD-East ADC Sum

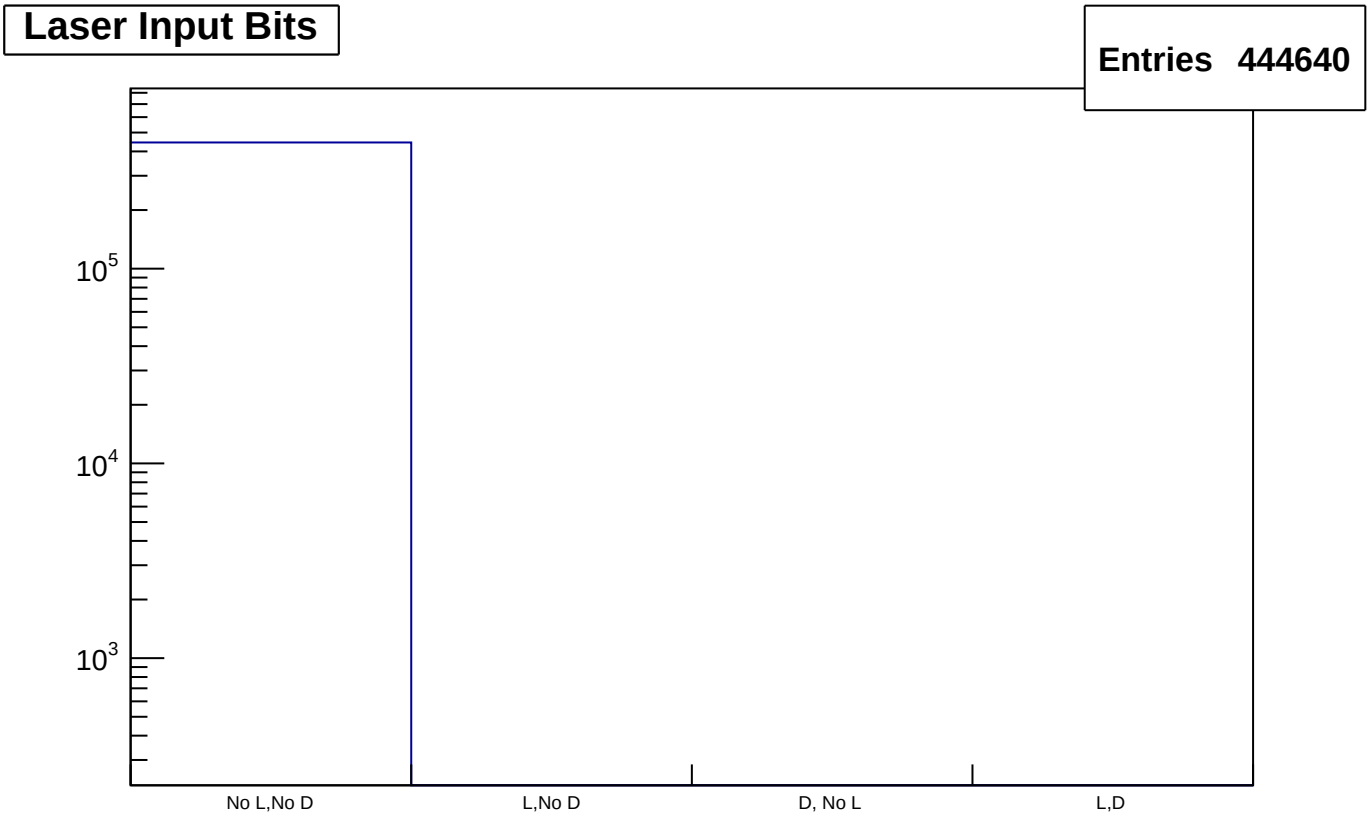

Entries 444640
TOF_Mult
VPD-West ADC Sum

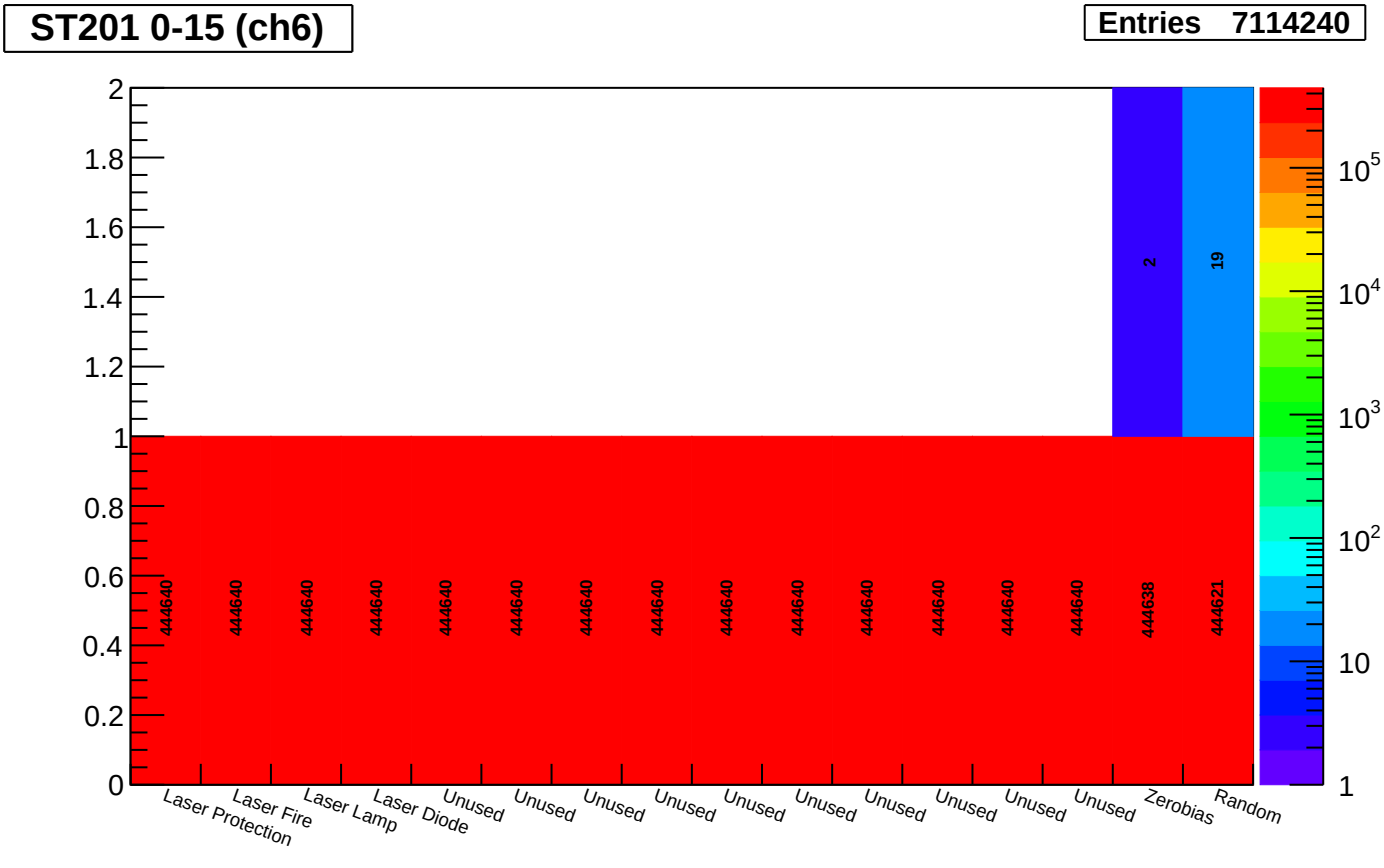

Entries 444640
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

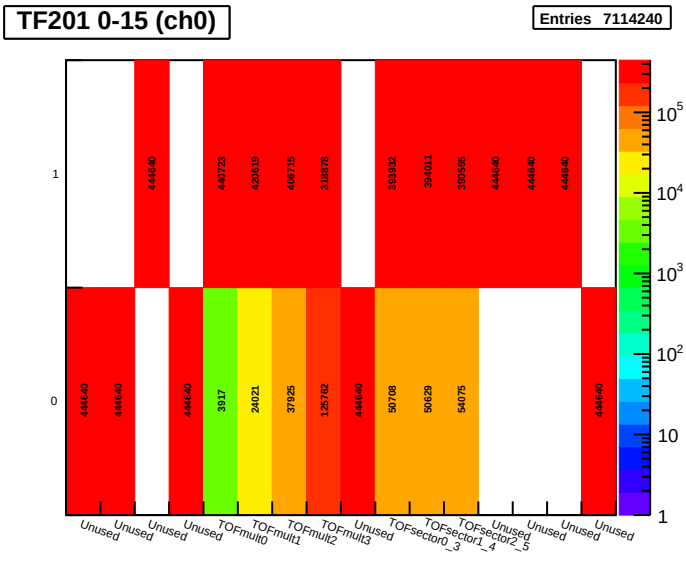

Entries 444640
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

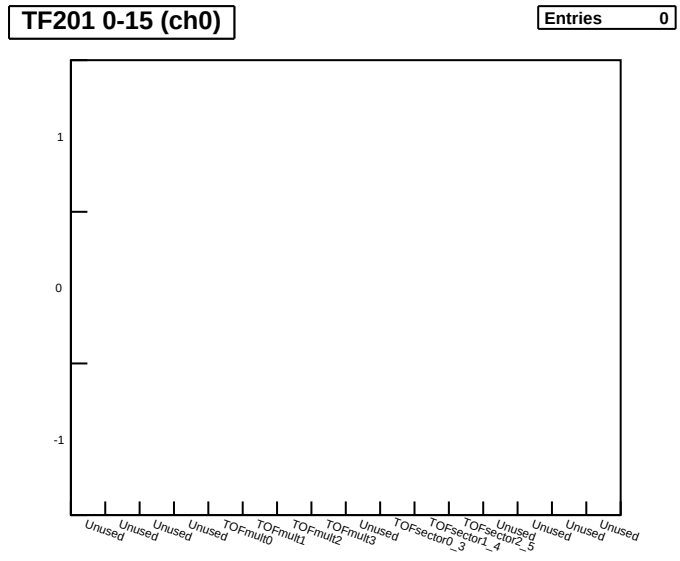

Entries 444640
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

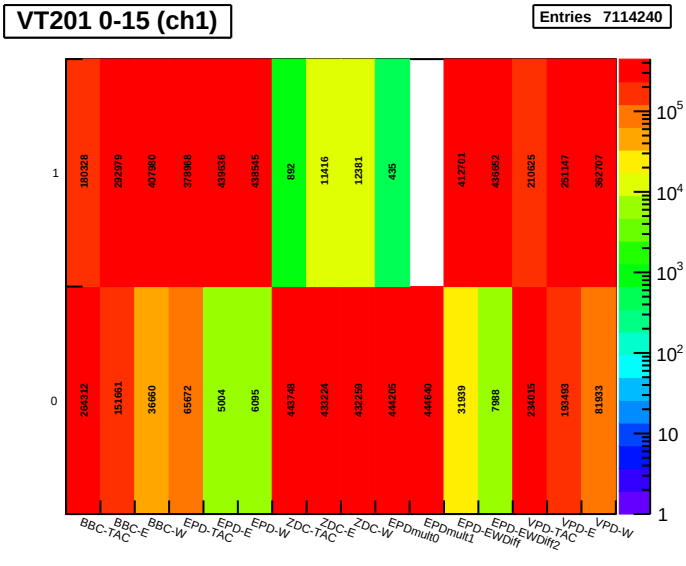

Entries 444640
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

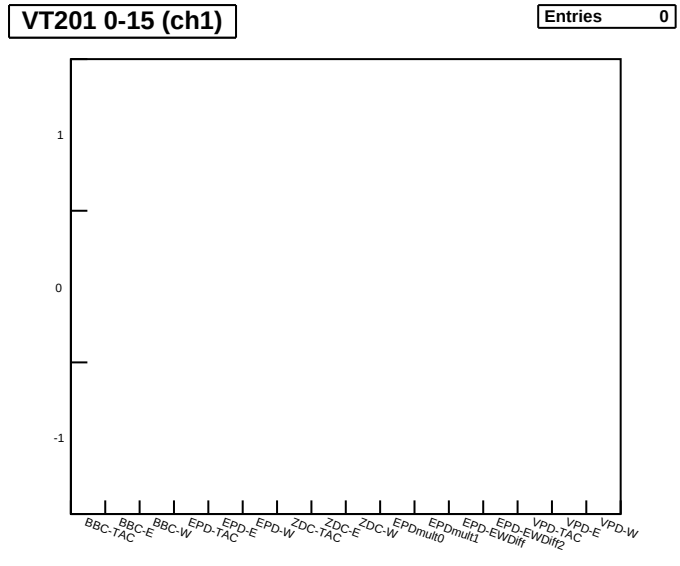

Laser Input Bits
Entries 444640
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

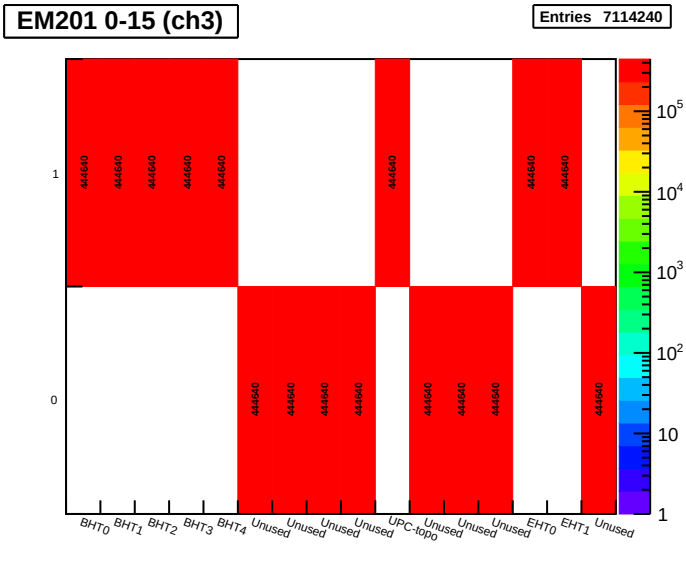

ST201 0-15 (ch6)
Entries 7114240
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444638
444621
2
19
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

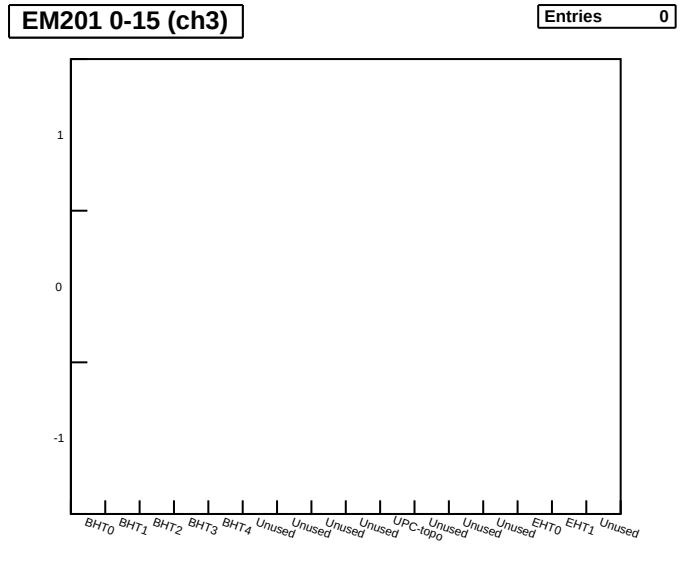

TF201 0-15 (ch0)
Entries 7114240
1
0
444640
440723
420619
406715
318878
393932
394011
390565
444640
444640
444640
444640
444640
3917
24021
37925
125762
444640
50708
50629
54075
444640
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 7114240
1
0
180328
292979
407980
378968
439636
438545
892
11416
12381
435
412701
436652
210625
251147
362707
264312
151661
36660
65672
5004
6095
443748
433224
432259
444205
444640
31939
7988
234015
193493
81933
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 7114240
1
0
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
444640
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