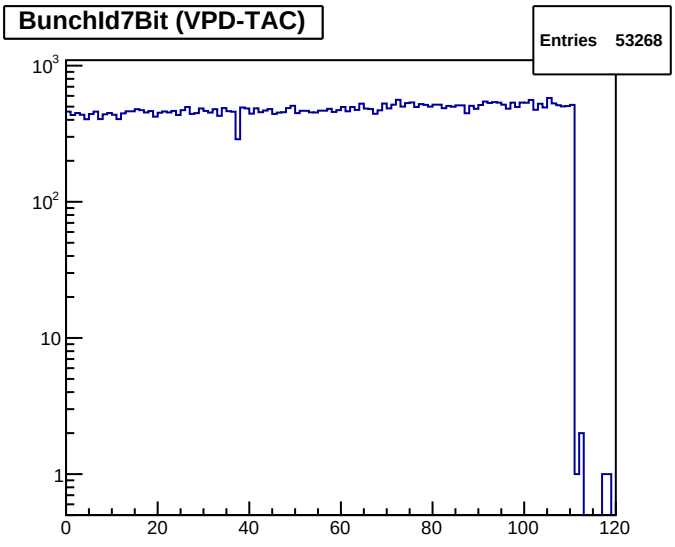
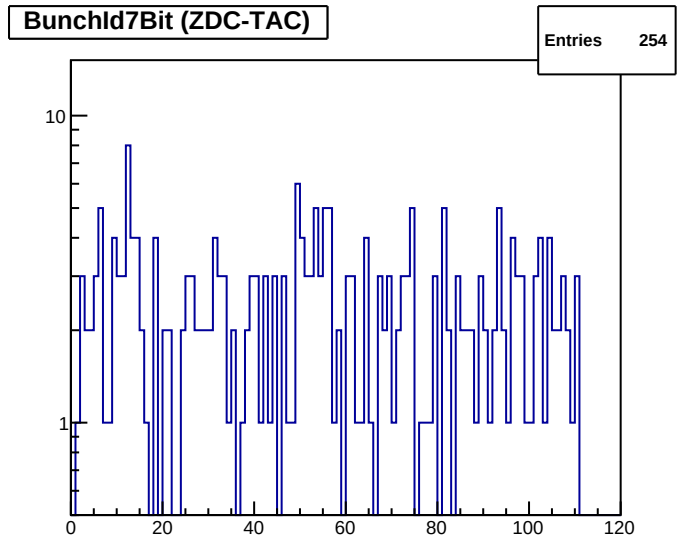
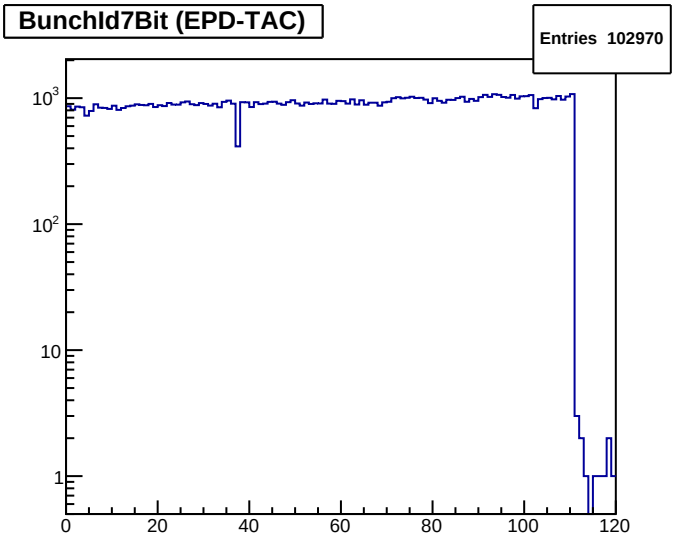
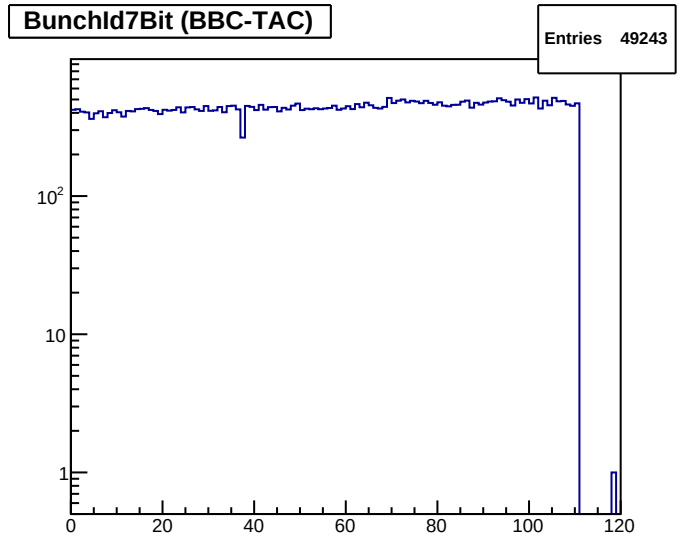
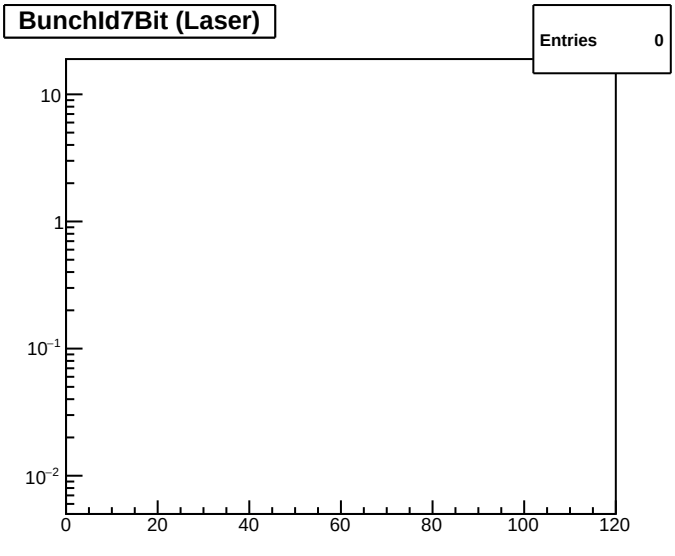
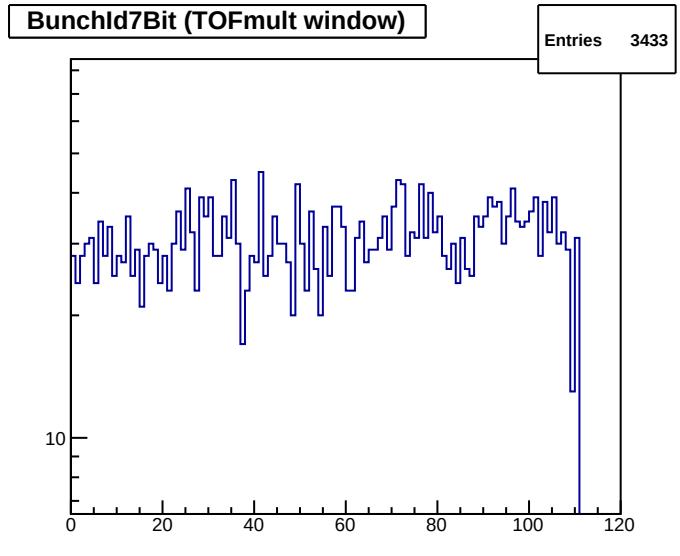

BunchId7Bit (VPD-TAC)
Entries 53268

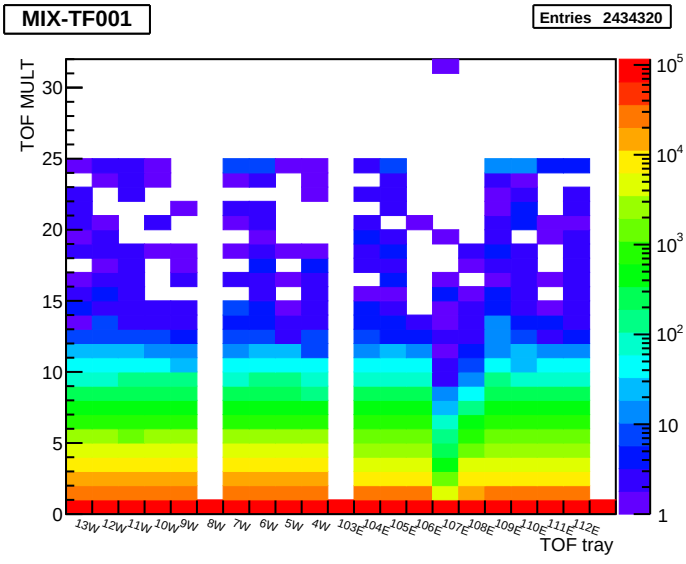

BunchId7Bit (ZDC-TAC)
Entries 254

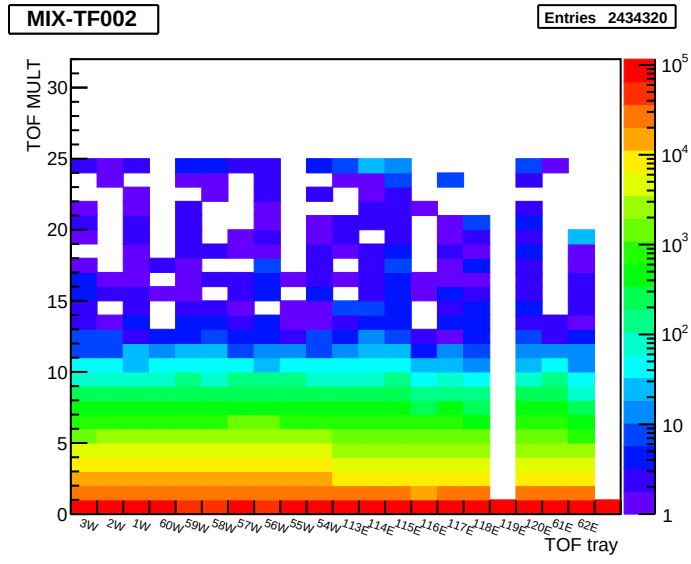

BunchId7Bit (EPD-TAC)
Entries 102970

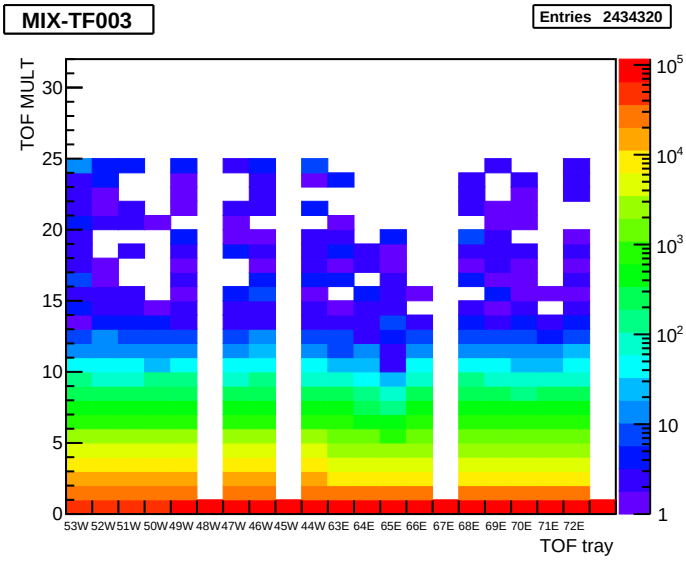

BunchId7Bit (BBC-TAC)
Entries 49243

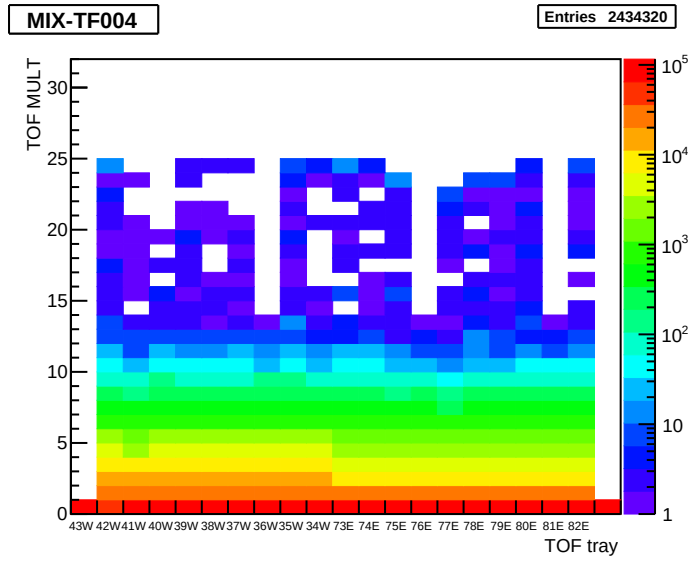

BunchId7Bit (Laser)
Entries 0

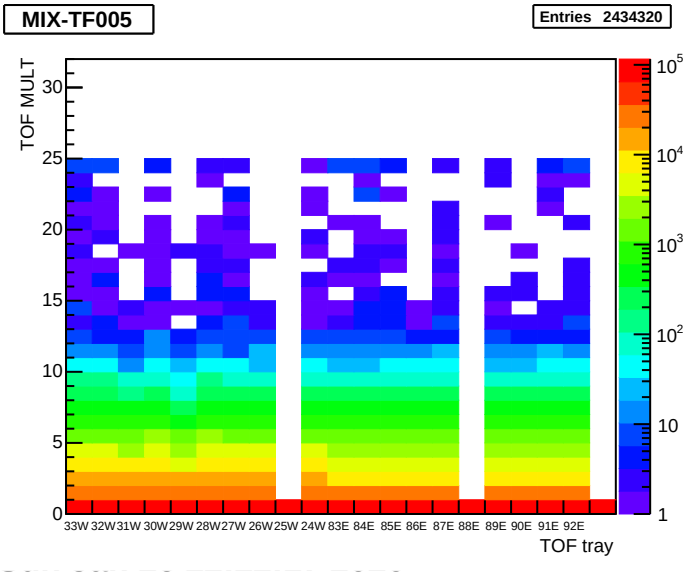

BunchId7Bit (TOFmult window)
Entries 3433

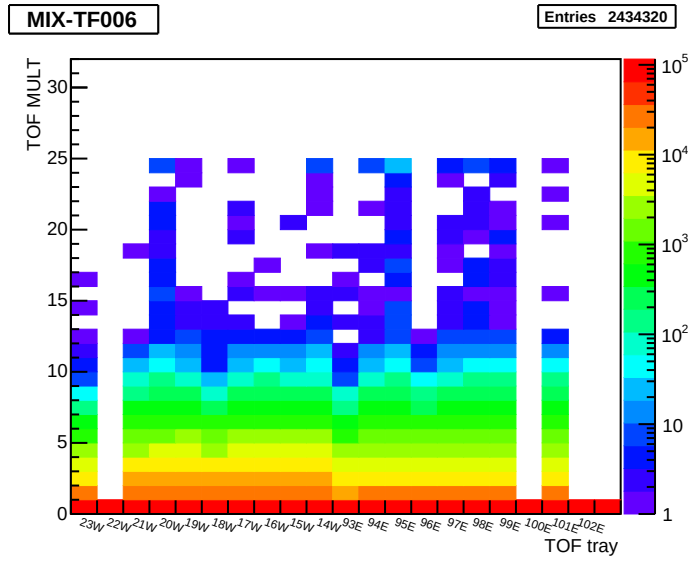

MIX-TF001
Entries 2434320
TOF MULT
TOF tray

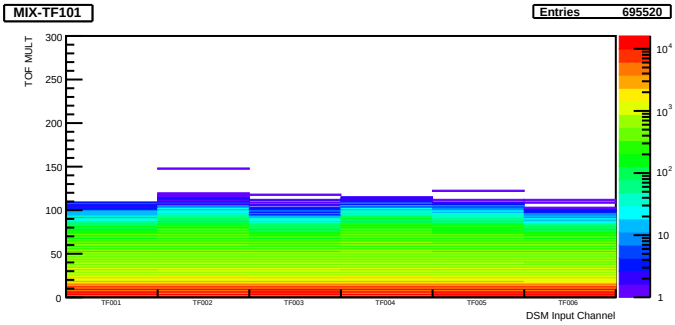

MIX-TF002
Entries 2434320
TOF MULT
TOF tray

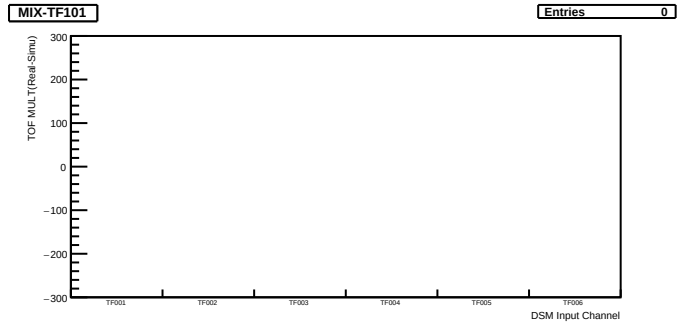

MIX-TF003
Entries 2434320
TOF MULT
TOF tray

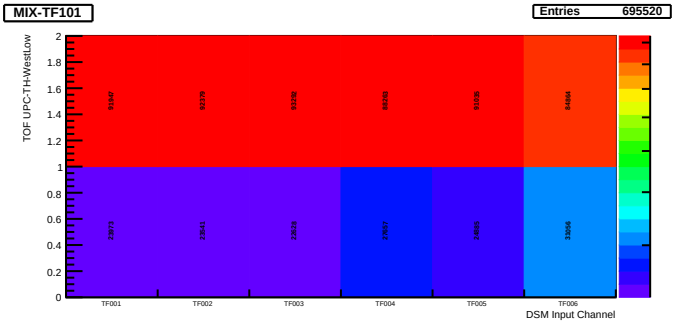

MIX-TF004
Entries 2434320
TOF MULT
TOF tray

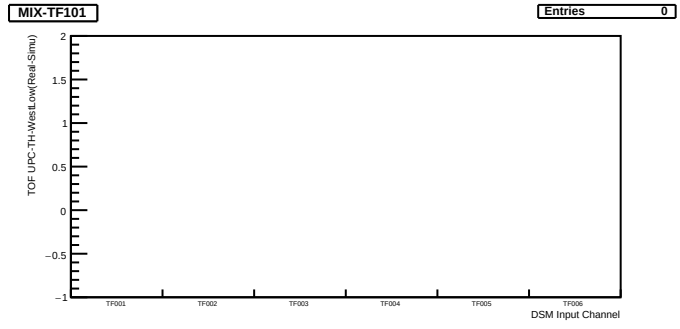

MIX-TF005
Entries 2434320
TOF MULT
TOF tray

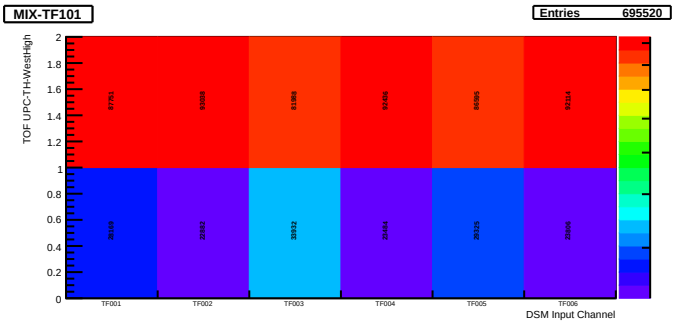

MIX-TF006
Entries 2434320
TOF MULT
TOF tray

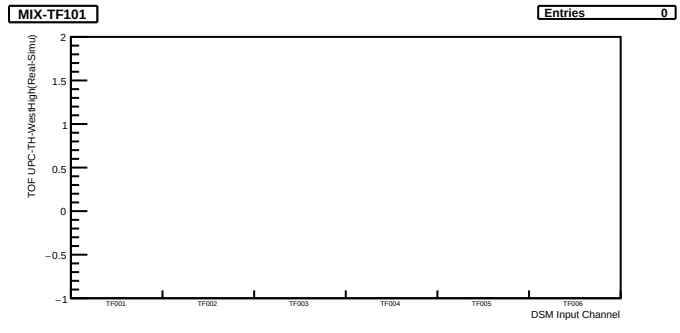

MIX-TF101
Entries 695520
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

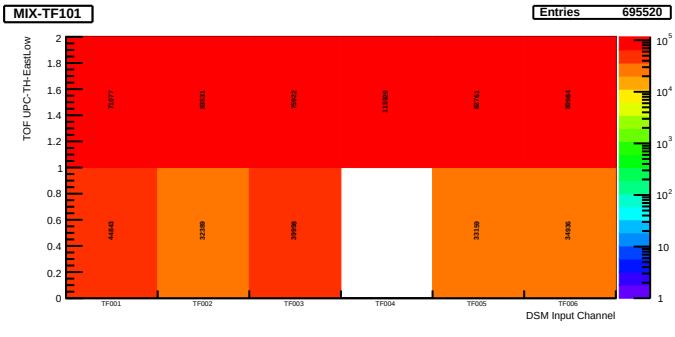

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

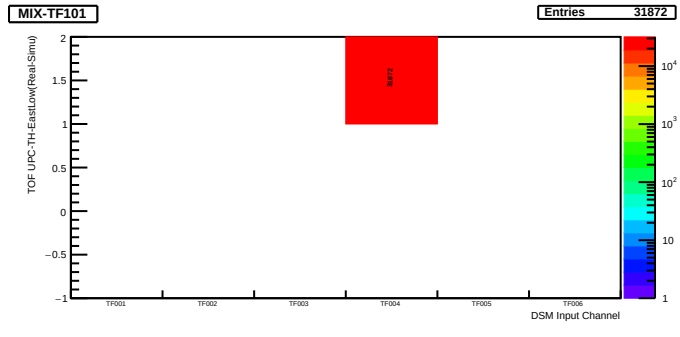

MIX-TF101
Entries 695520
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

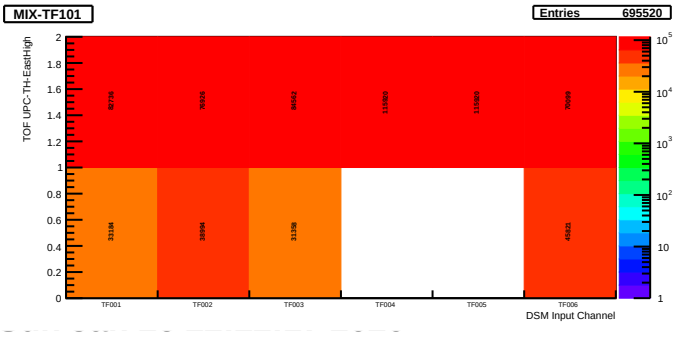

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

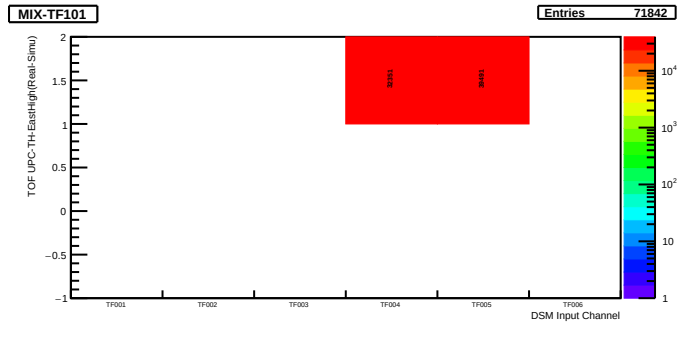

MIX-TF101
Entries 695520
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

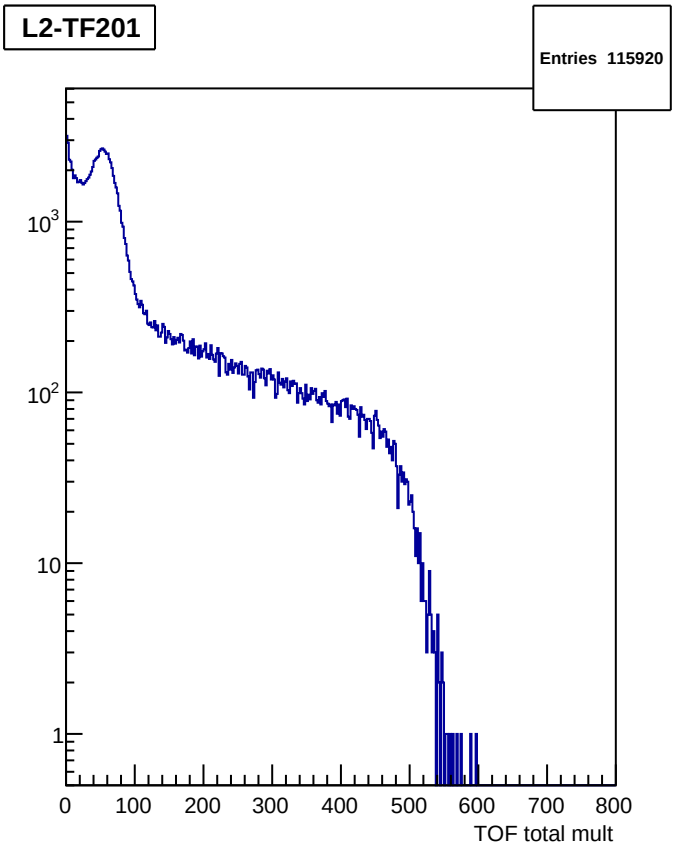

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

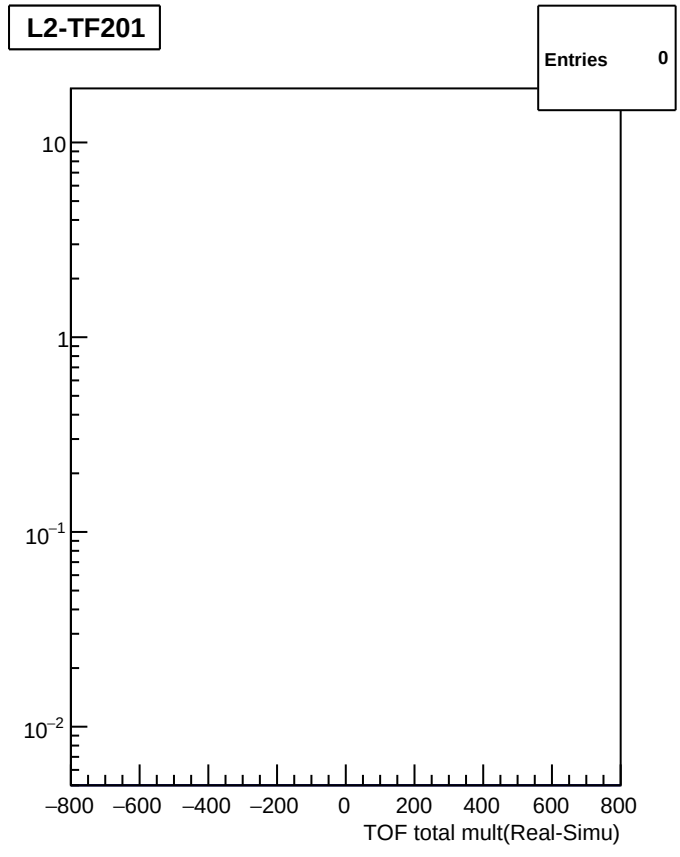

MIX-TF101
Entries 695520
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

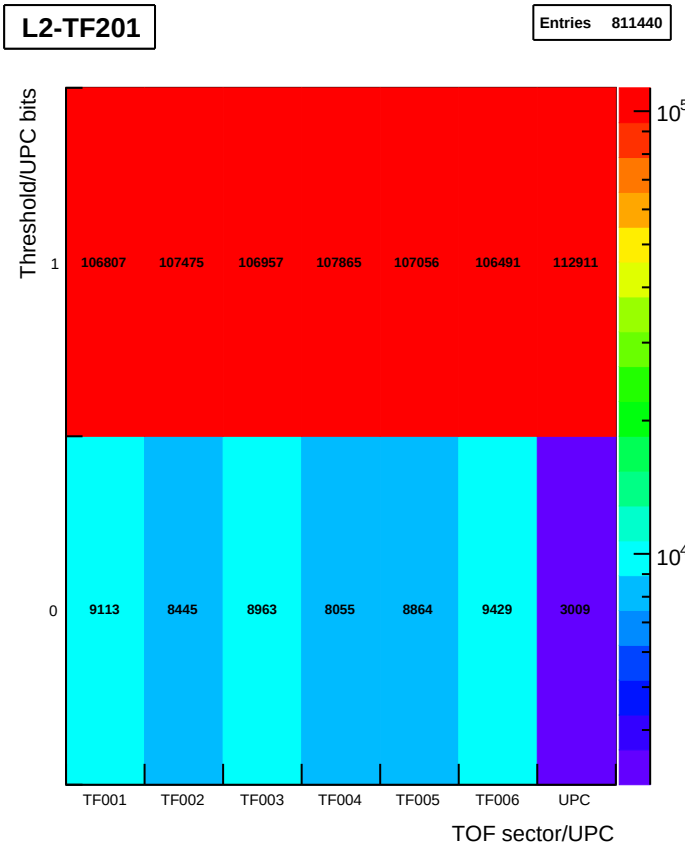

MIX-TF101
Entries 31872
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

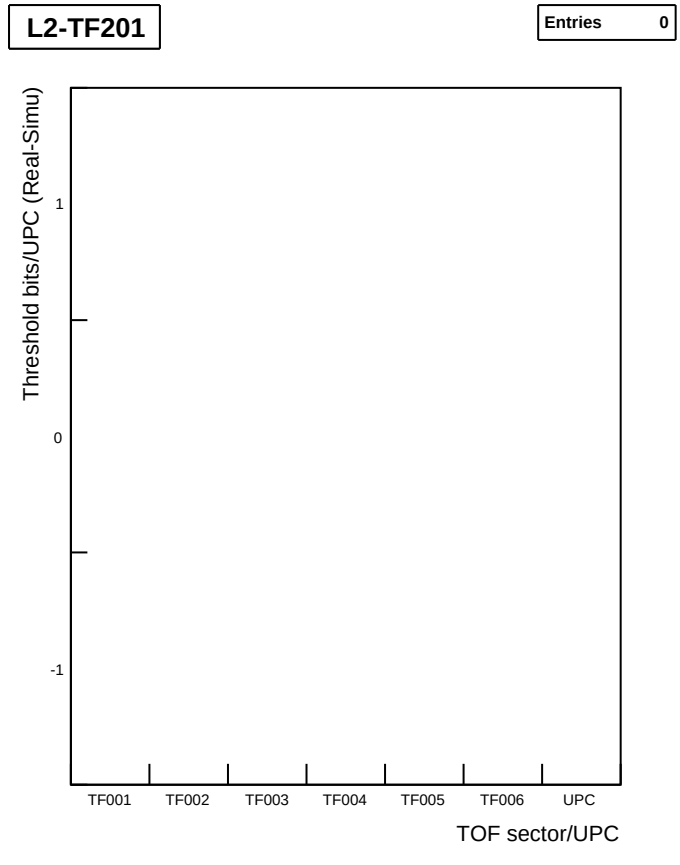

MIX-TF101
Entries 695520
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

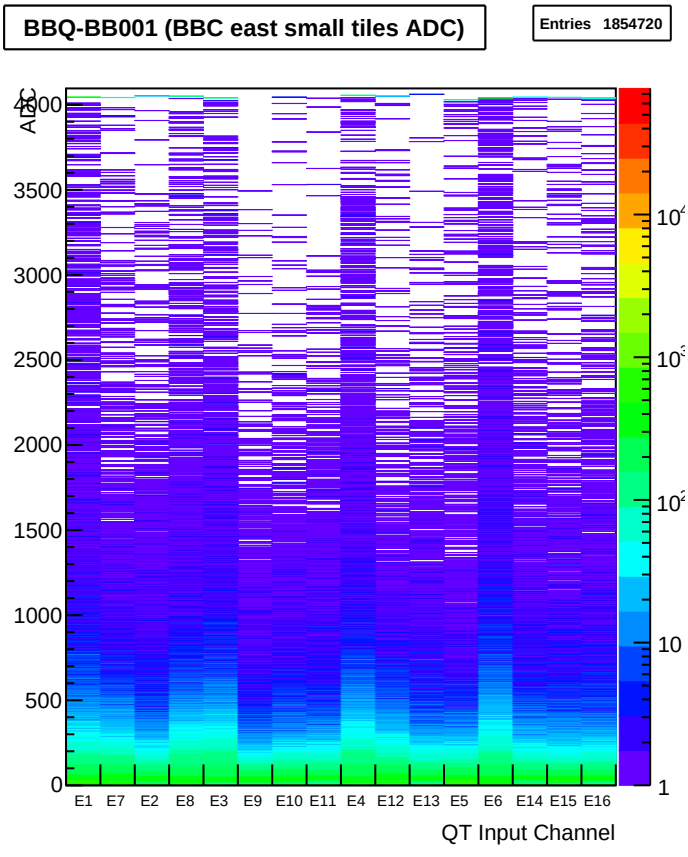

MIX-TF101
Entries 71842
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

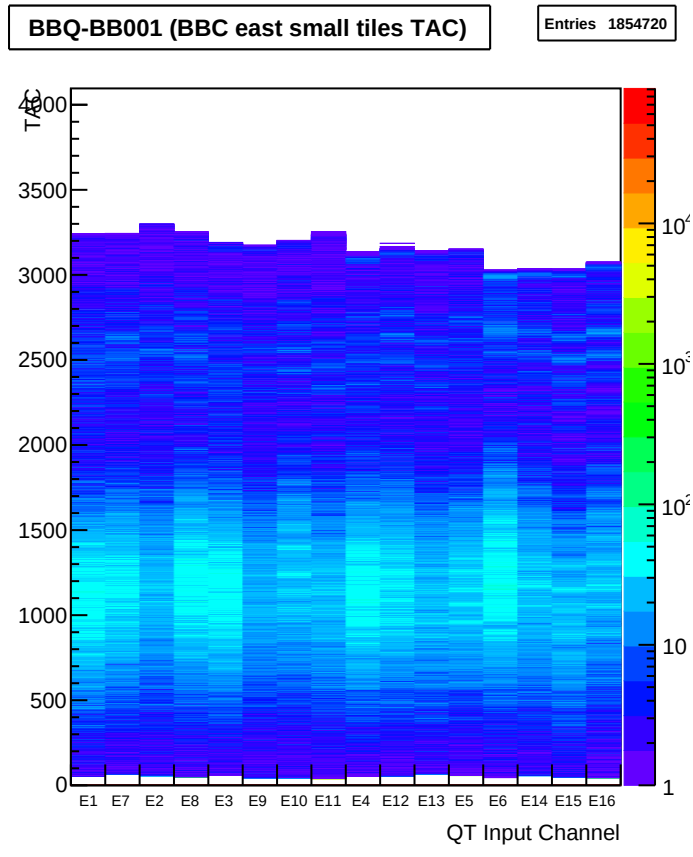

L2-TF201
Entries 115920
TOF total mult

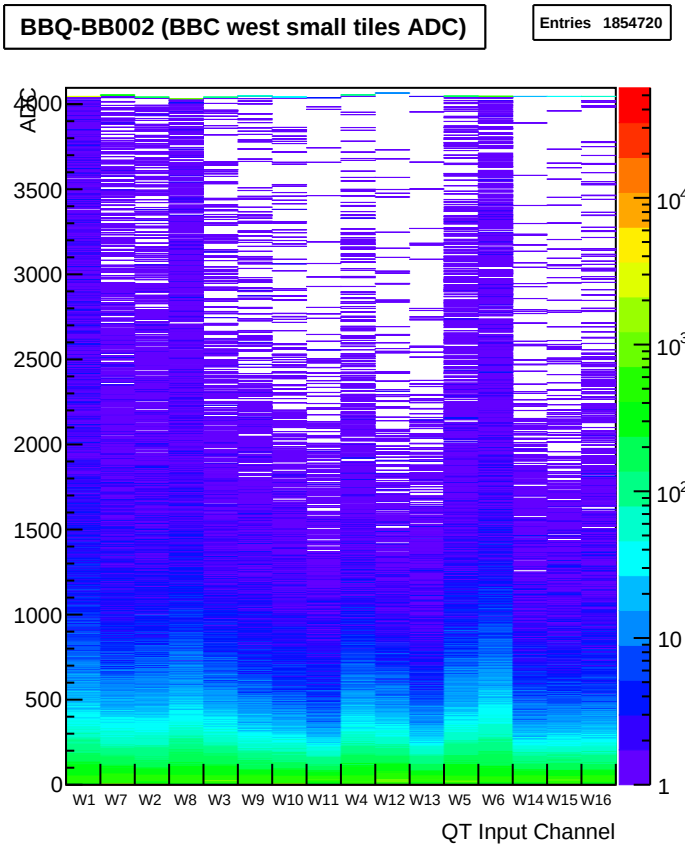

L2-TF201
Entries 0
TOF total mult(Real-Simu)

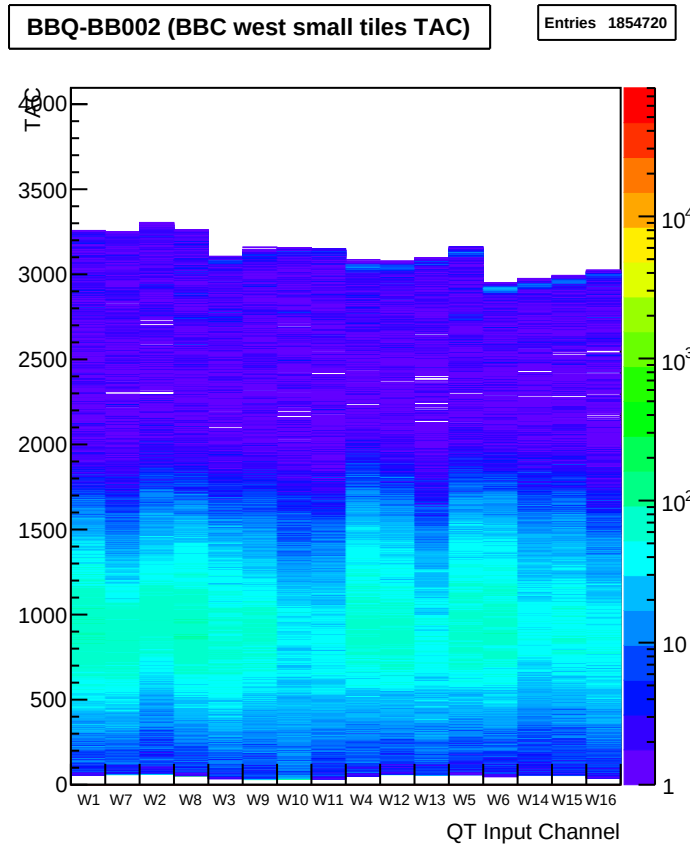

L2-TF201
Entries 811440
Threshold/UPC bits
106807
107475
106957
107865
107056
106491
112911
9113
8445
8963
8055
8864
9429
3009
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

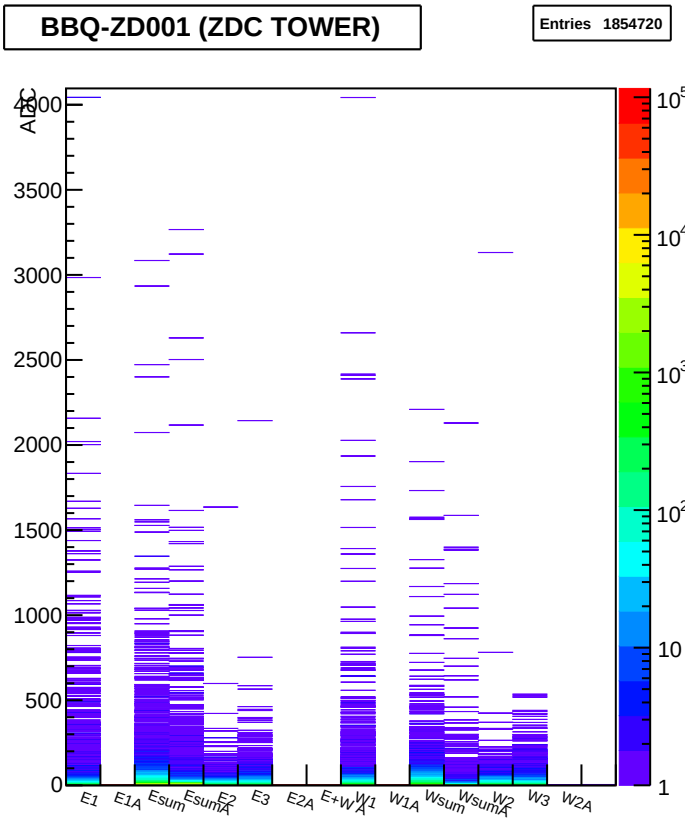

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

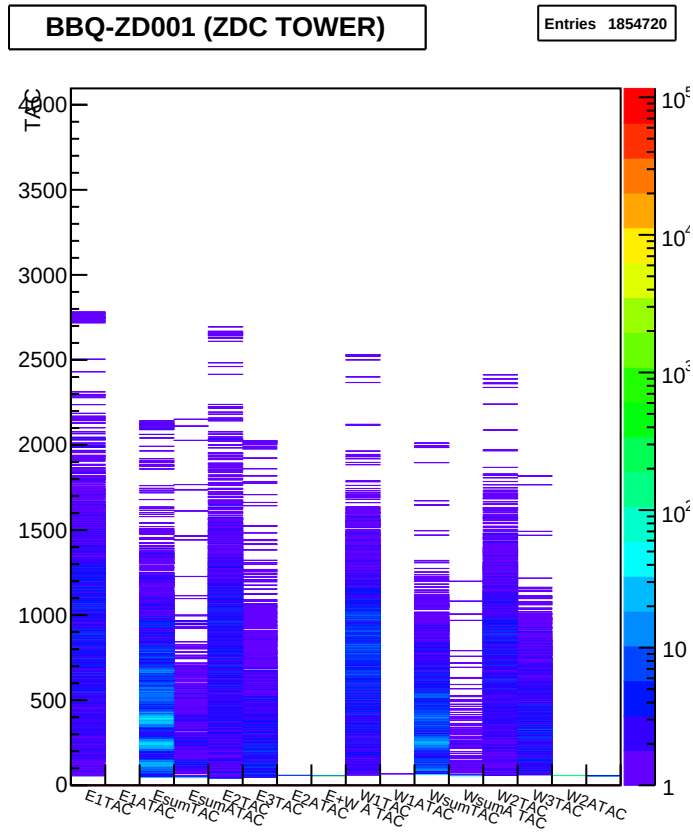

BBQ-BB001 (BBC east small tiles ADC)
Entries 1854720
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

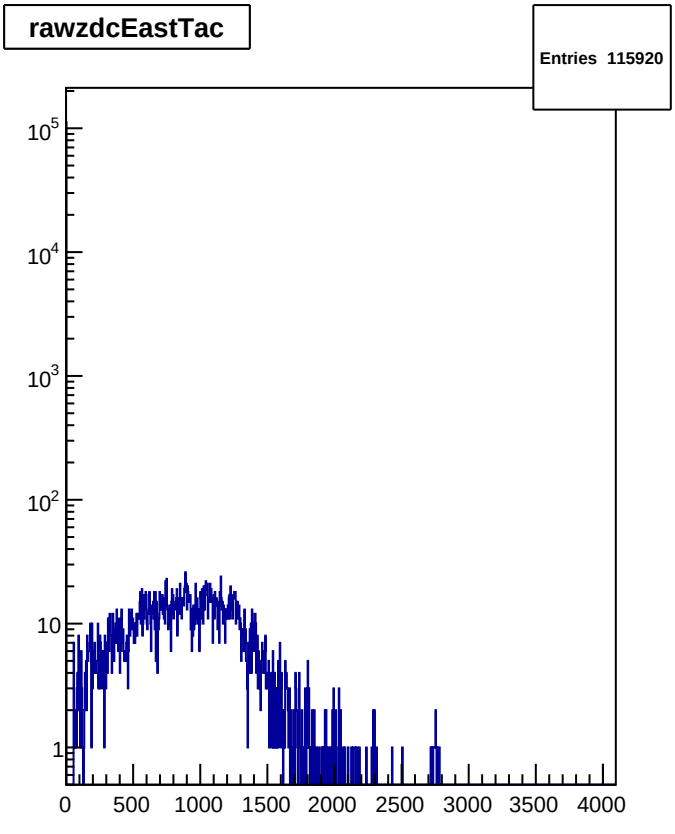

BBQ-BB001 (BBC east small tiles TAC)
Entries 1854720
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

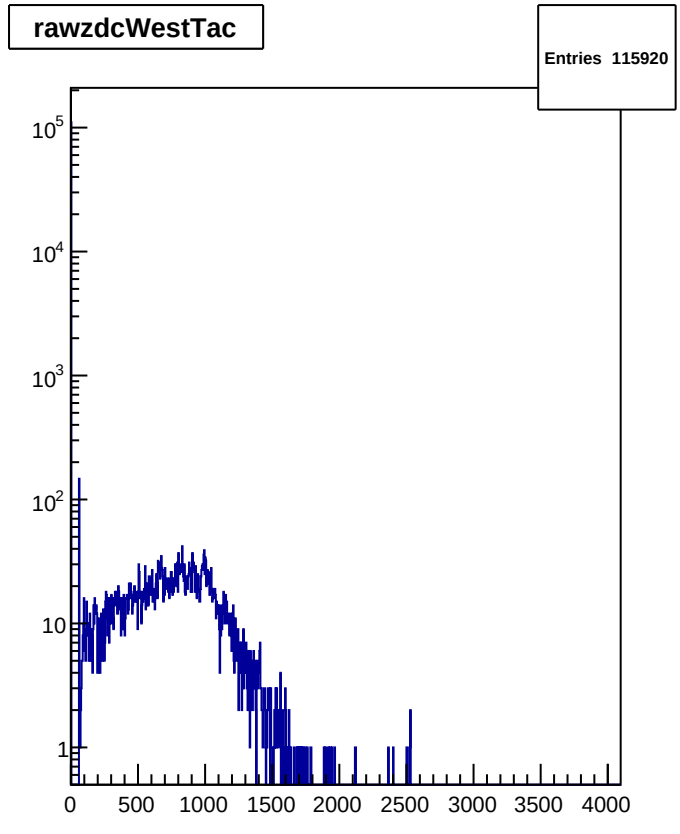

BBQ-BB002 (BBC west small tiles ADC)
Entries 1854720
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

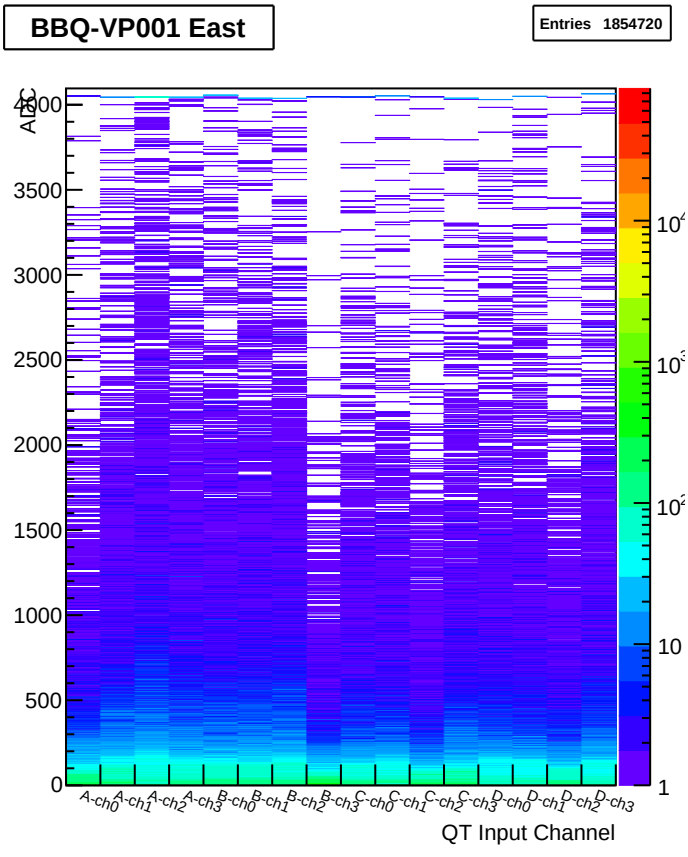

BBQ-BB002 (BBC west small tiles TAC)
Entries 1854720
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

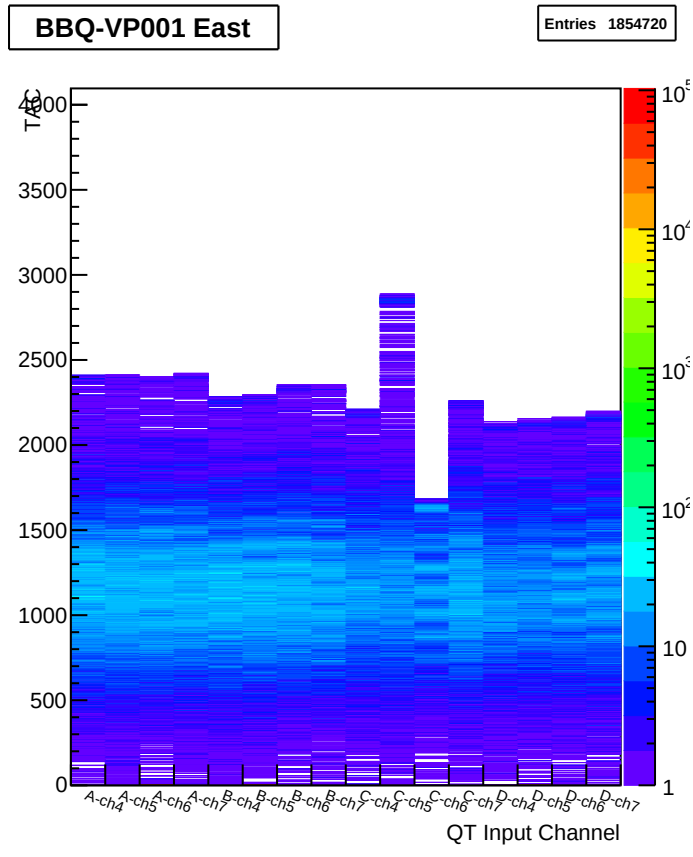

BBQ-ZD001 (ZDC TOWER)
Entries 1854720
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

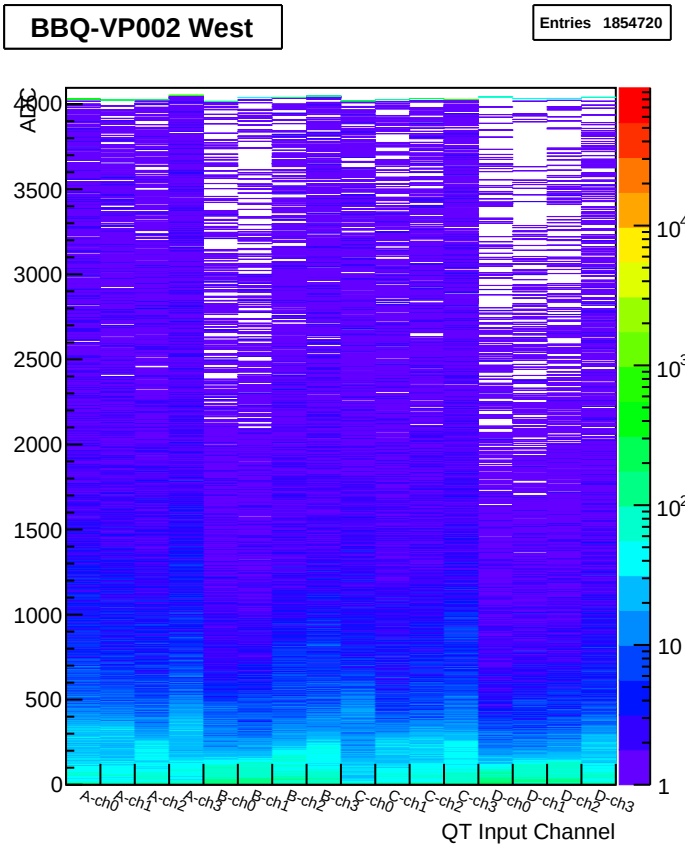

BBQ-ZD001 (ZDC TOWER)
Entries 1854720
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

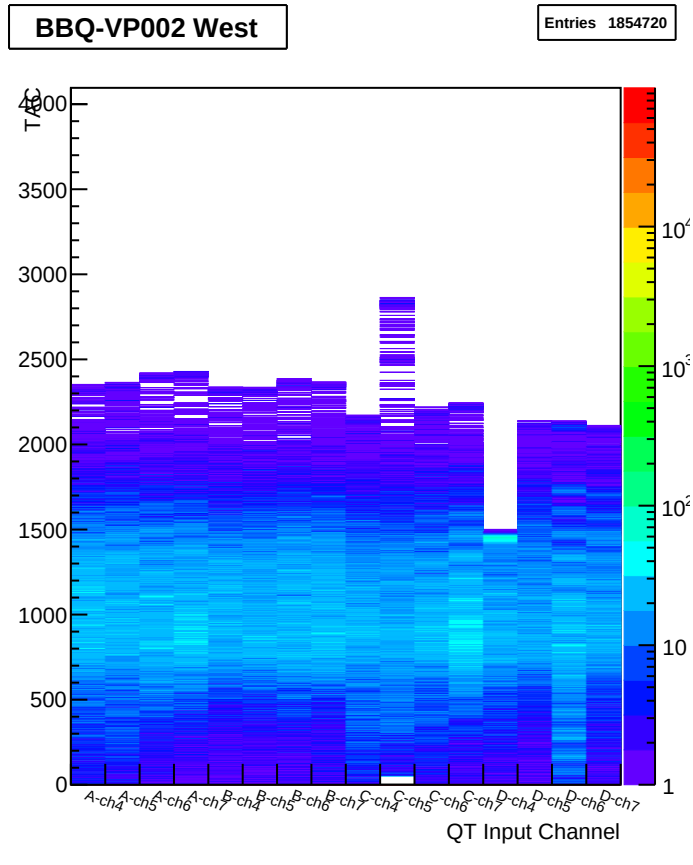

rawzdcEastTac
Entries 115920

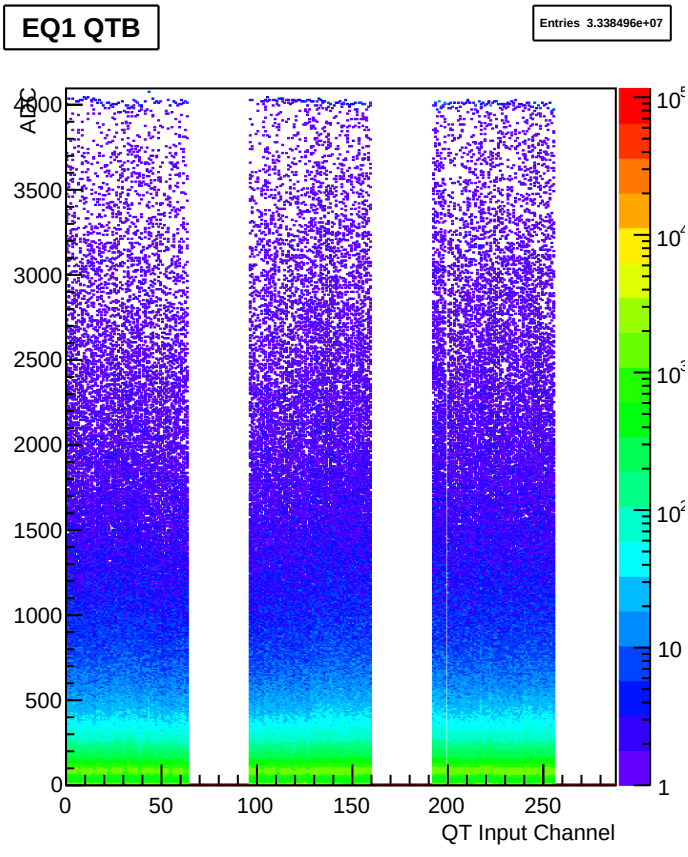

rawzdcWestTac
Entries 115920

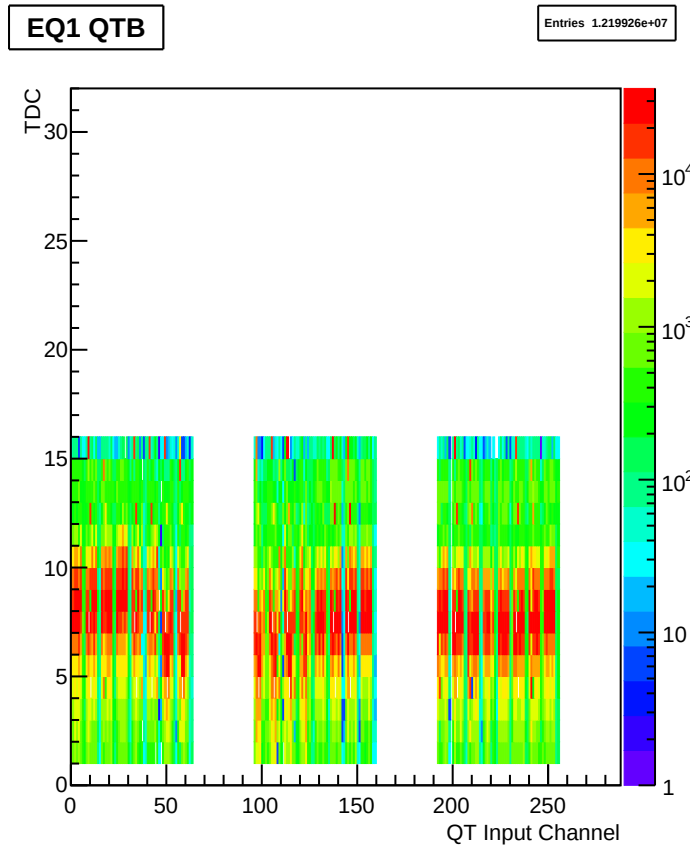

BBQ-VP001 East
Entries 1854720
ADC
QT Input Channel

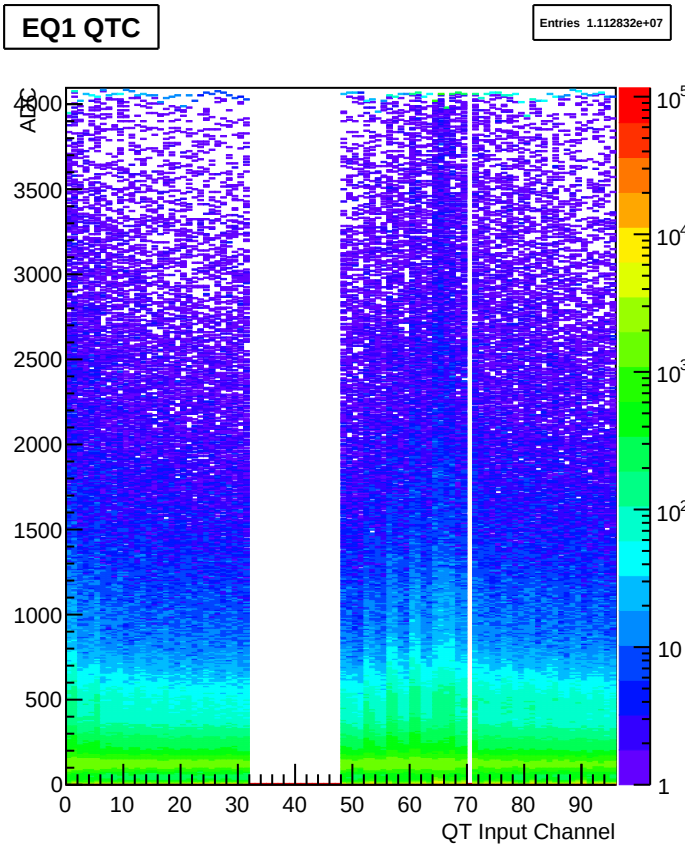

BBQ-VP001 East
Entries 1854720
TAC
QT Input Channel

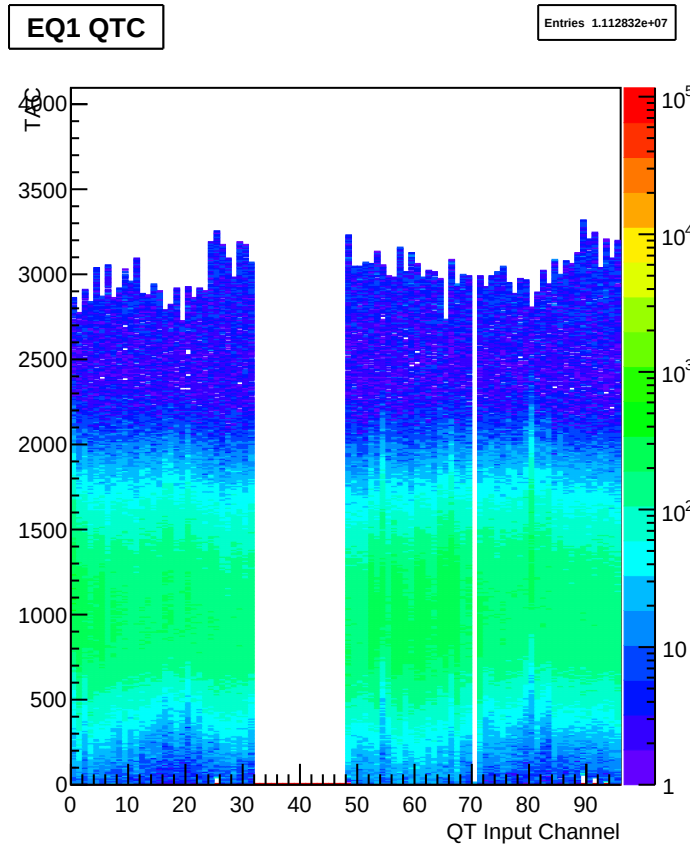

BBQ-VP002 West
Entries 1854720
ADC
QT Input Channel

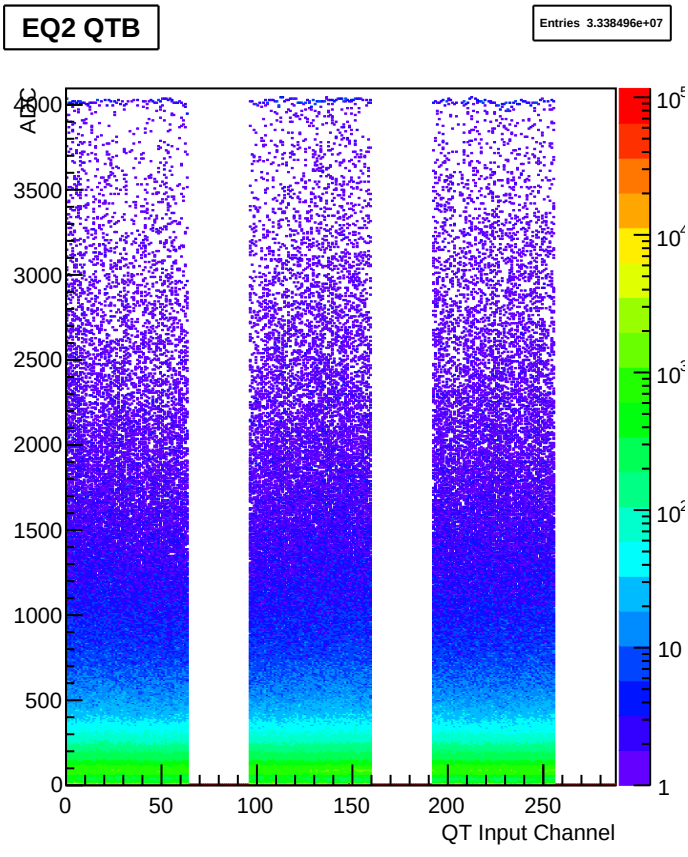

BBQ-VP002 West
Entries 1854720
TAC
QT Input Channel

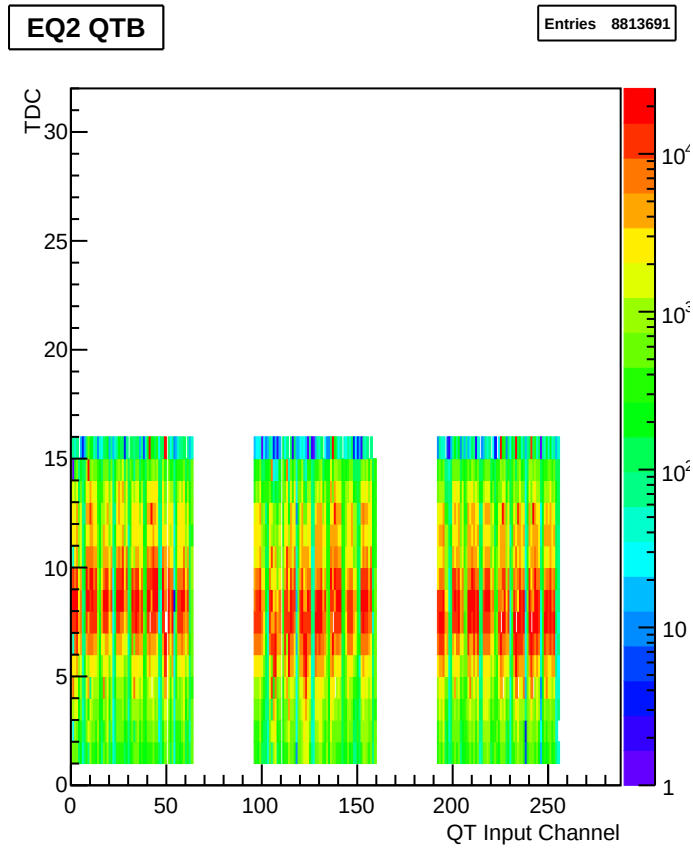

EQ1 QTB
Entries 3.338496e+07
ADC
QT Input Channel

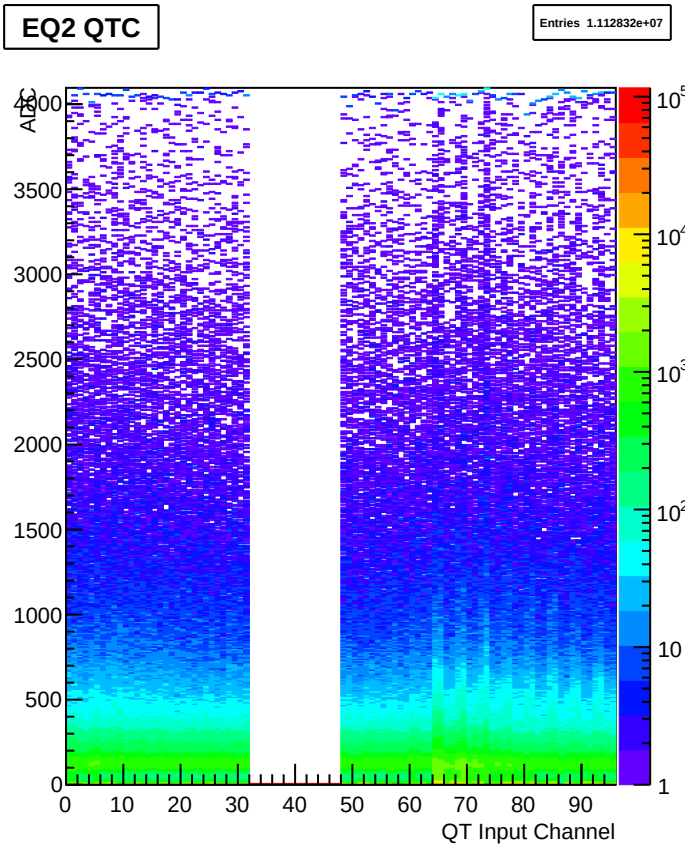

EQ1 QTB
Entries 1.219926e+07
TDC
QT Input Channel

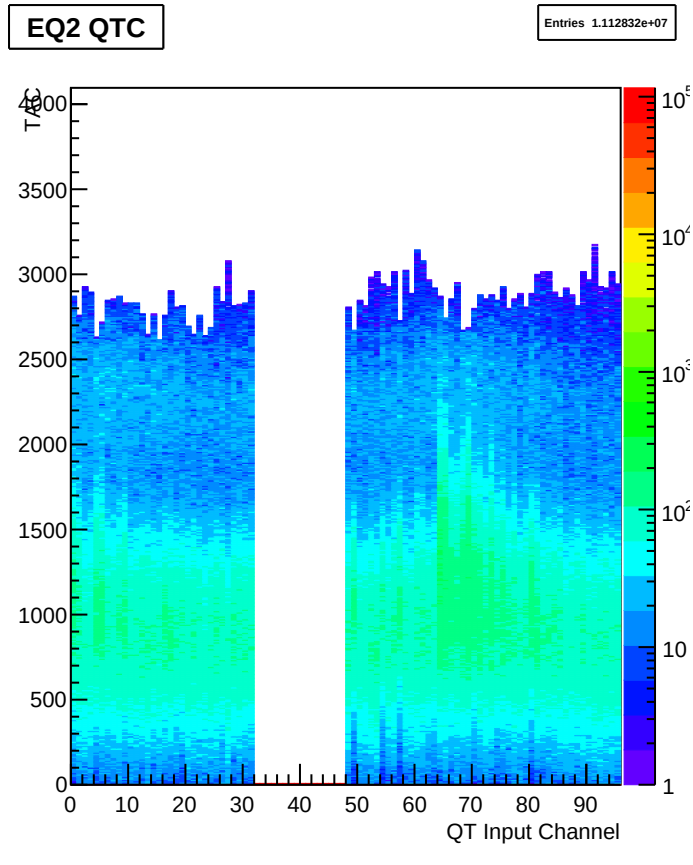

EQ1 QTC
Entries 1.112832e+07
ADC
QT Input Channel

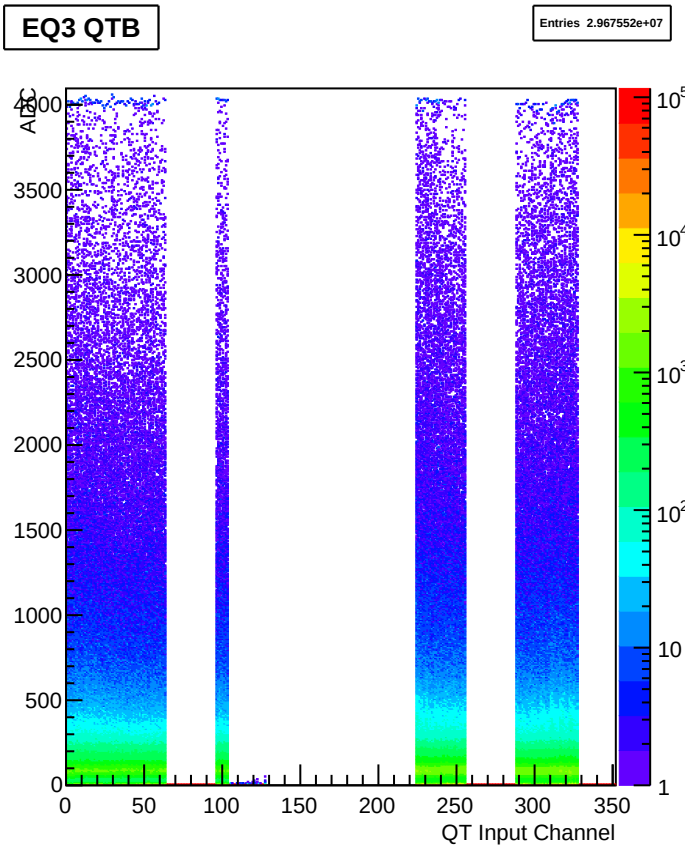

EQ1 QTC
Entries 1.112832e+07
TADC
QT Input Channel

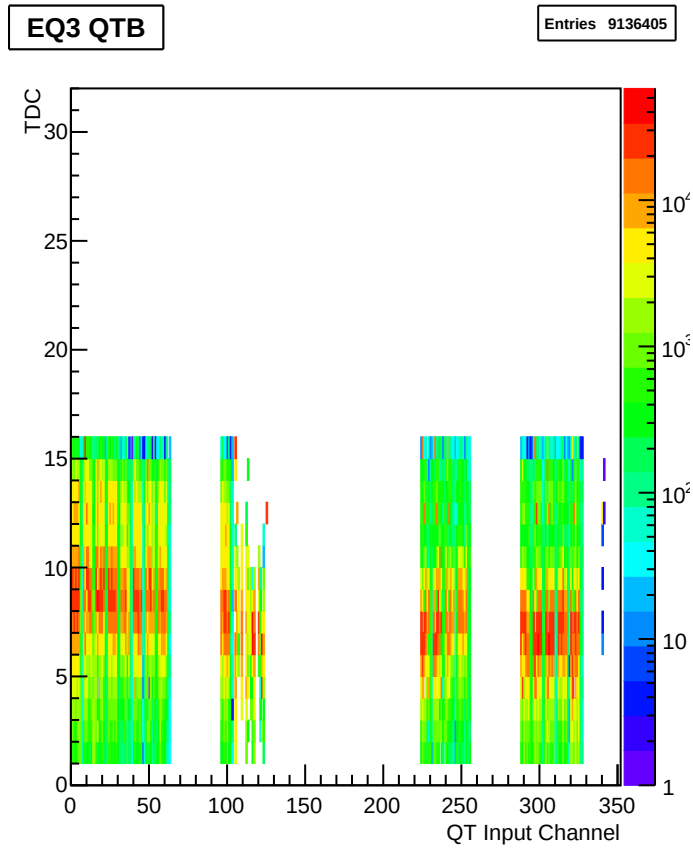

EQ2 QTB
Entries 3.338496e+07
ADC
QT Input Channel

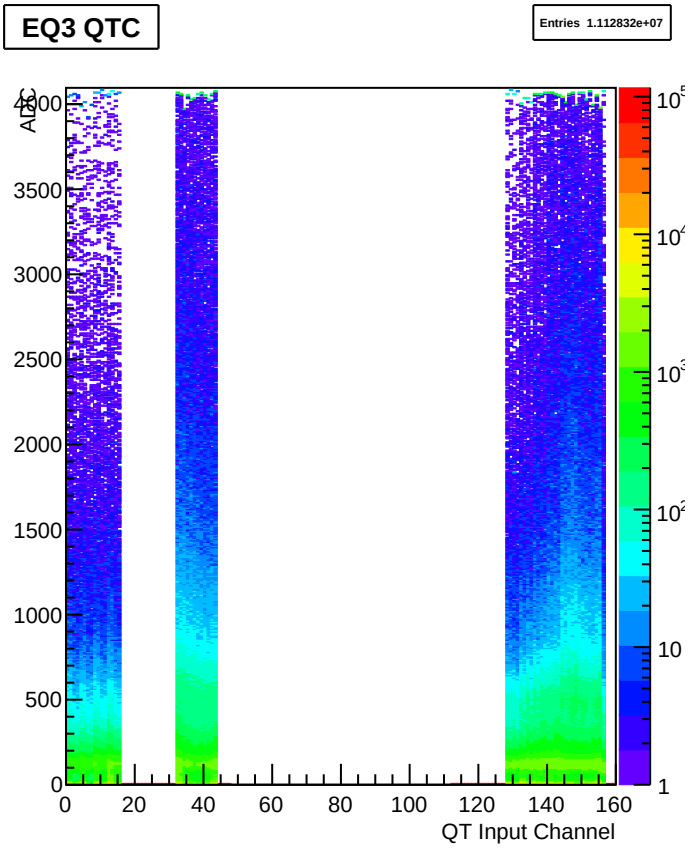

EQ2 QTB
Entries 8813691
TDC
QT Input Channel

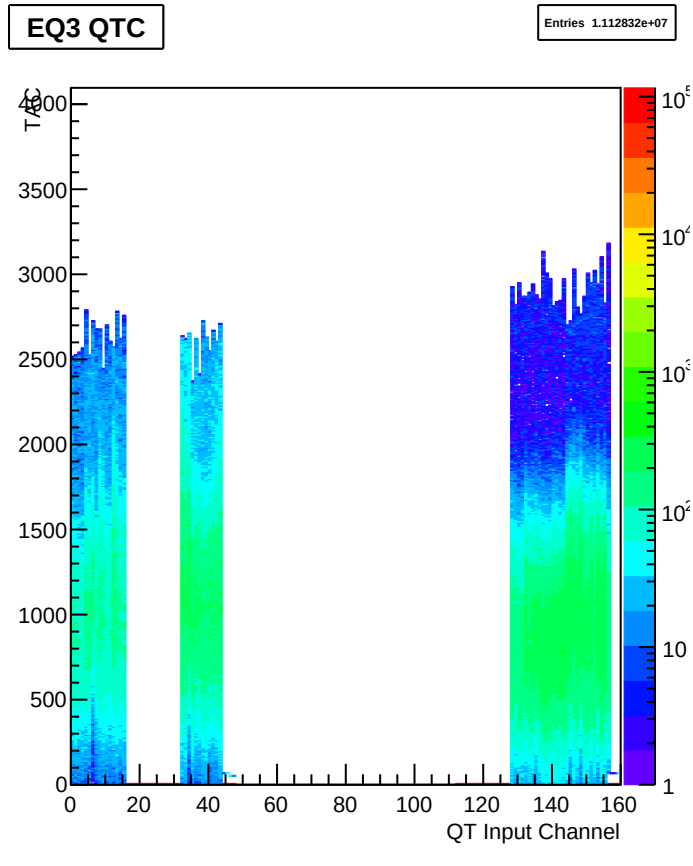

EQ2 QTC
Entries 1.112832e+07
ADC
QT Input Channel

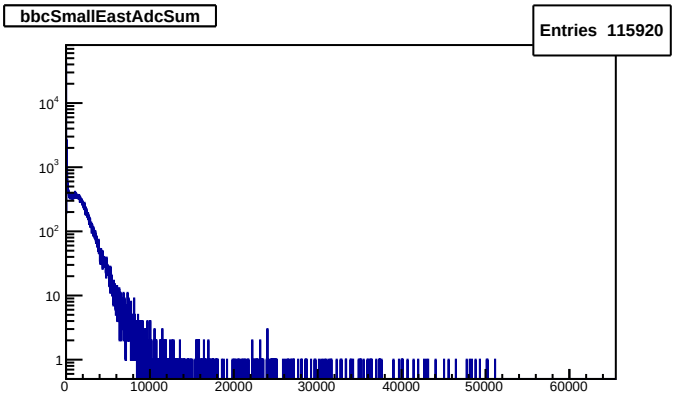

EQ2 QTC
Entries 1.112832e+07
TADC
QT Input Channel

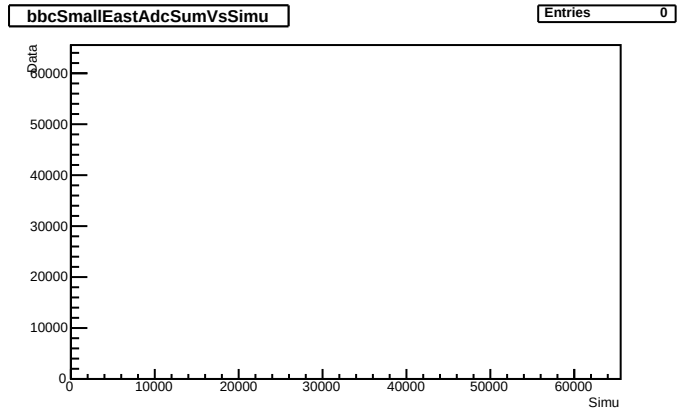

EQ3 QTB
Entries 2.967552e+07
ADC
QT Input Channel

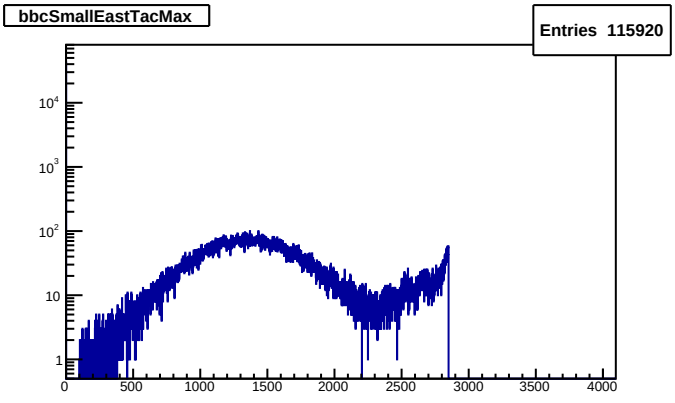

EQ3 QTB
Entries 9136405
TDC
QT Input Channel

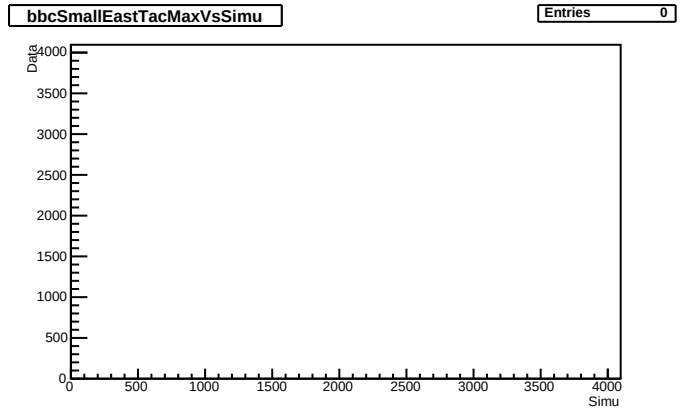

EQ3 QTC
Entries 1.112832e+07
ADC
QT Input Channel


EQ3 QTC
Entries 1.112832e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 115920


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 115920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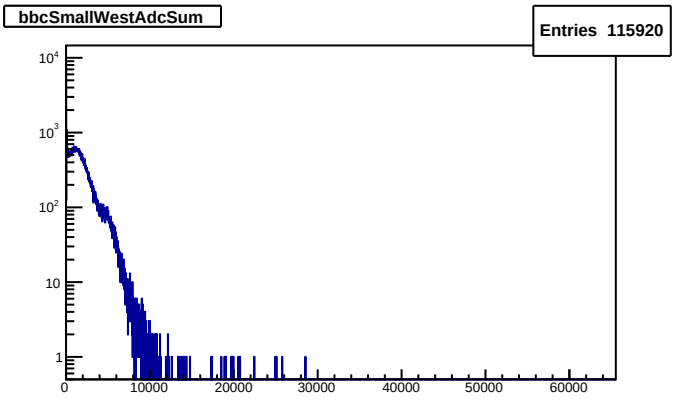
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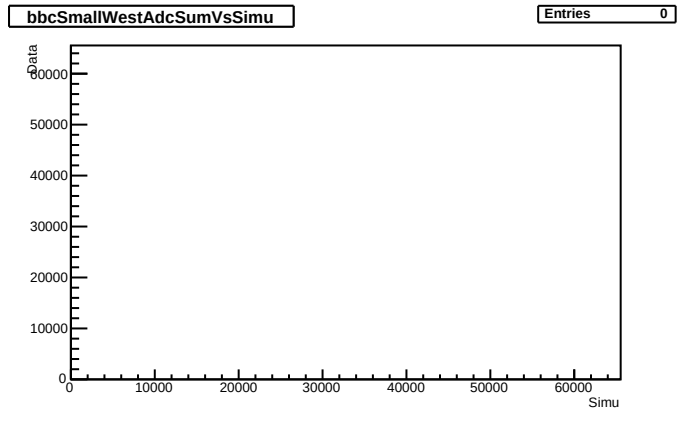
Entries 115920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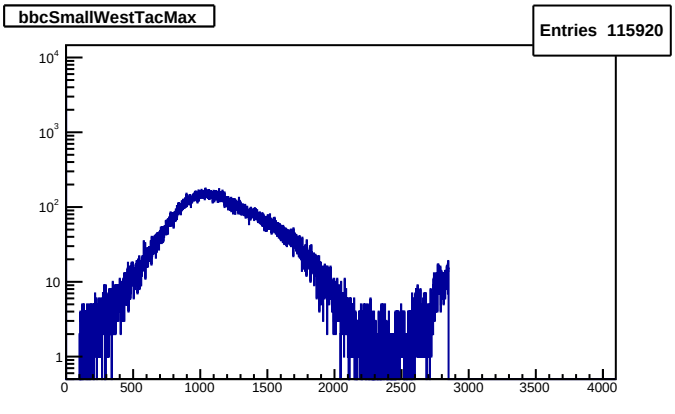
Simu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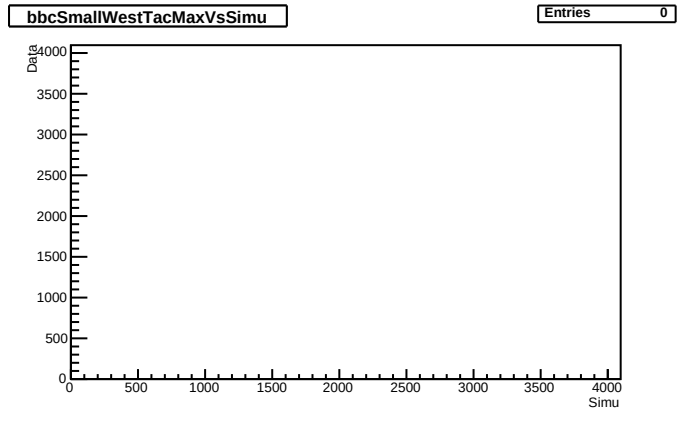
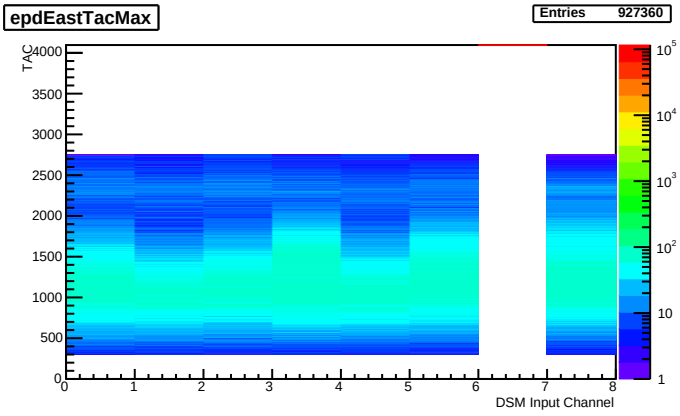
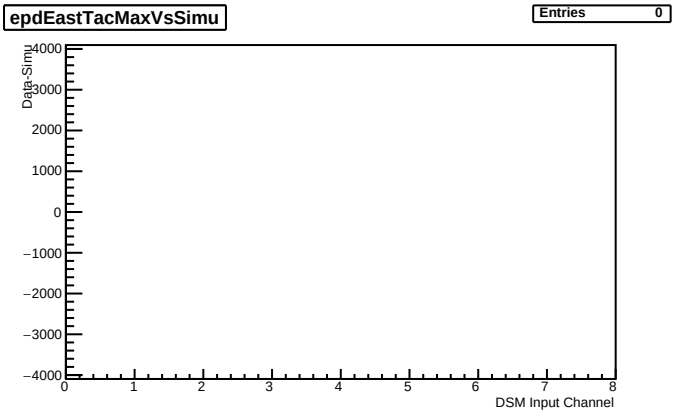
Entries 115920


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 927360
TAC
DSM Input Channel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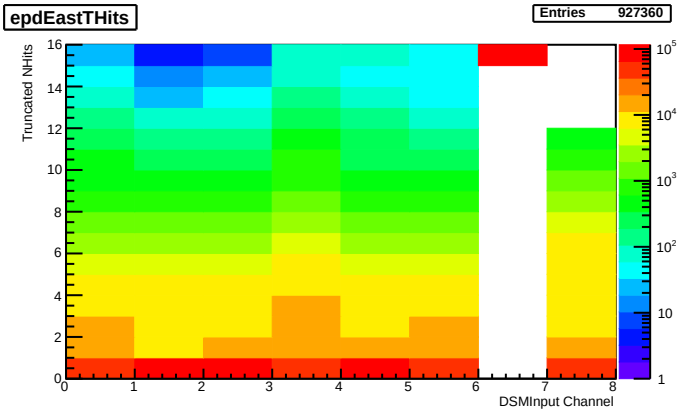
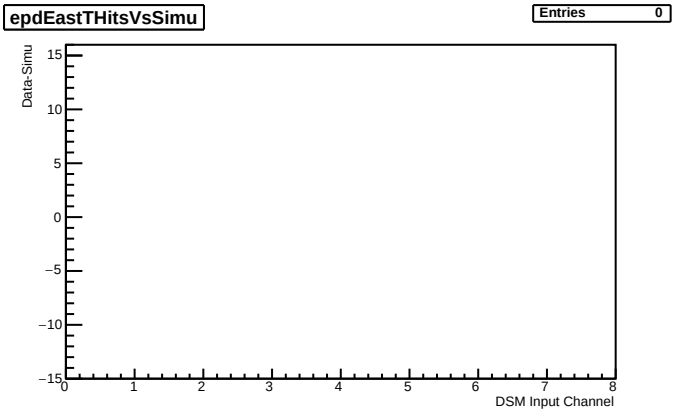
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 927360
Truncated NHits
DSMInput Channel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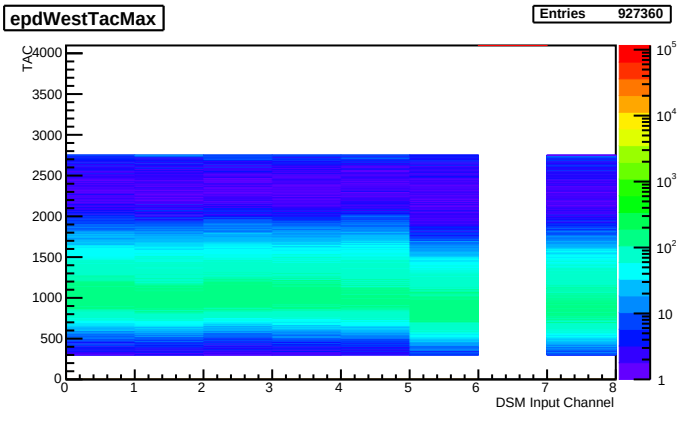
Data-Simu
DSM Input Channel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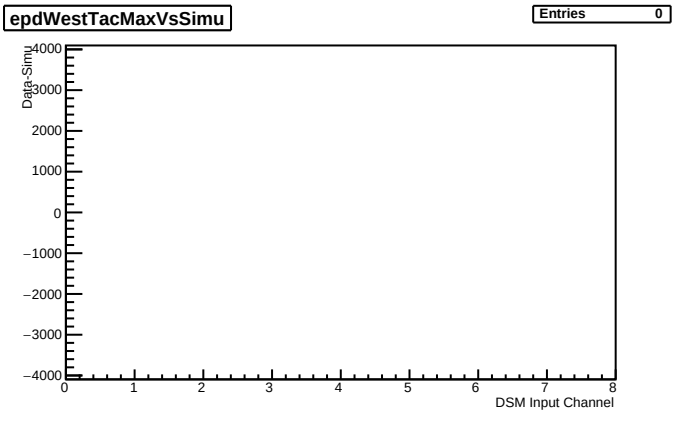
DSM Input Channel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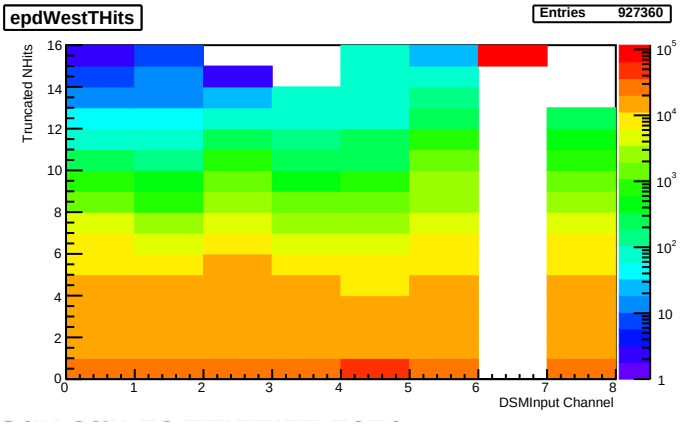
Entries 0
Data-Simu
DSM Input Channel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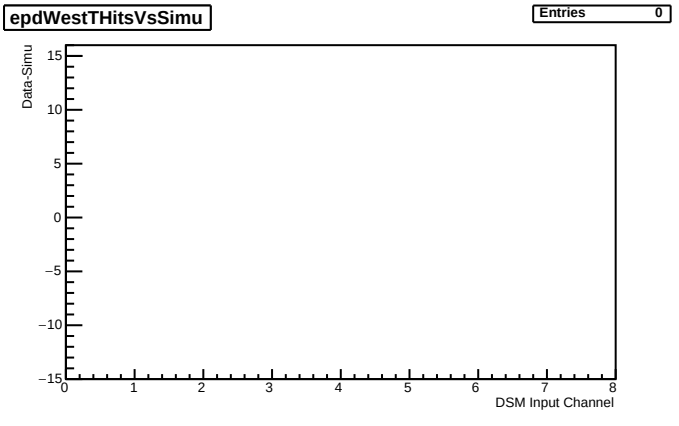
Entries 927360
Truncated NHits
DSMInput Channel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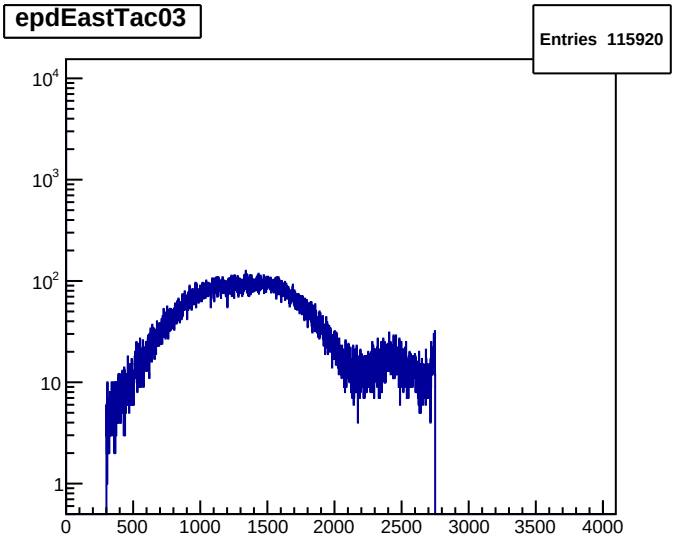
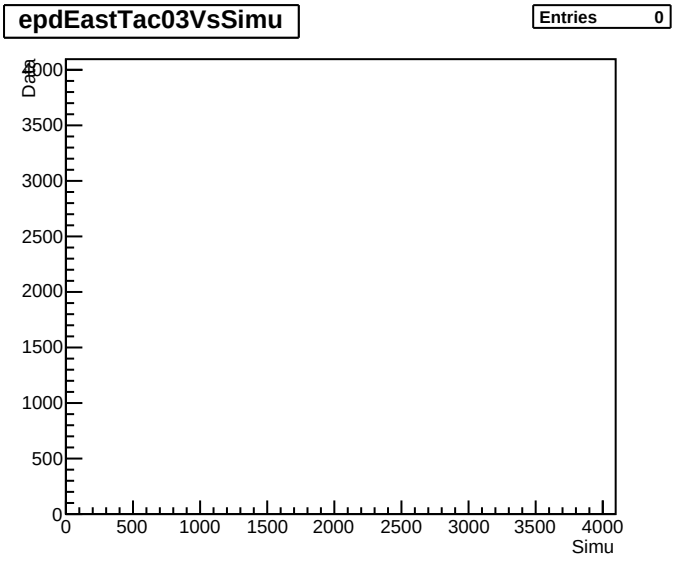
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 115920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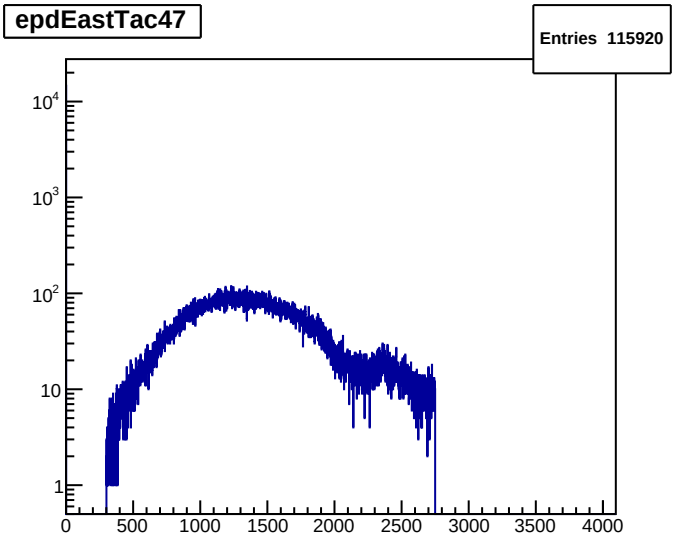
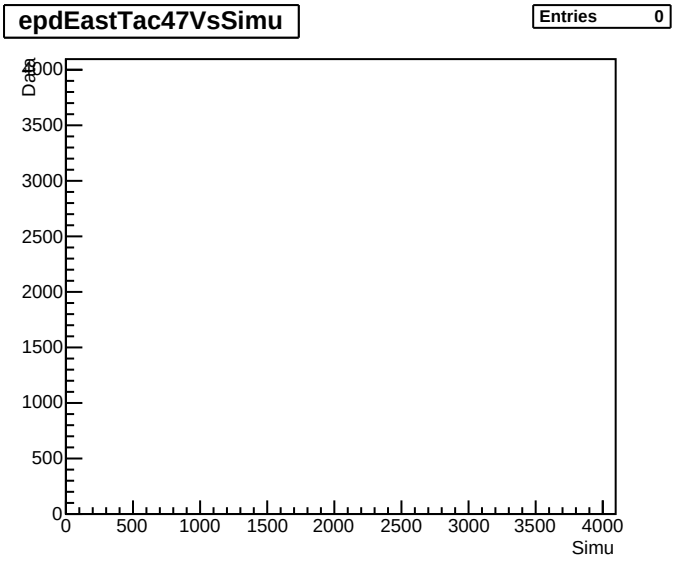
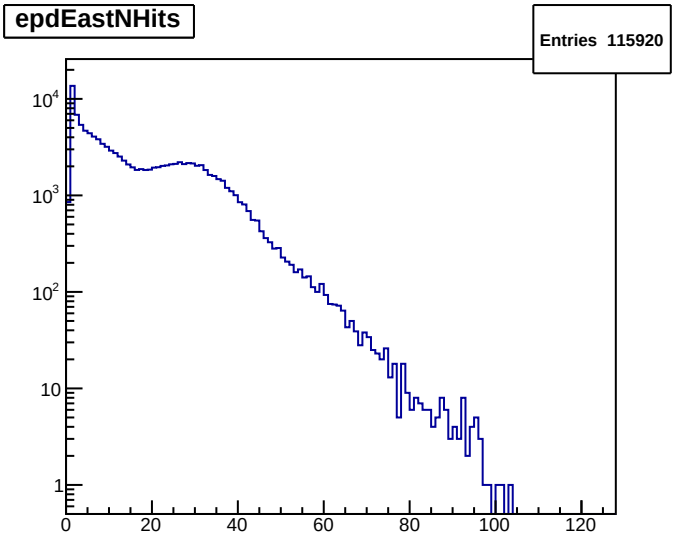
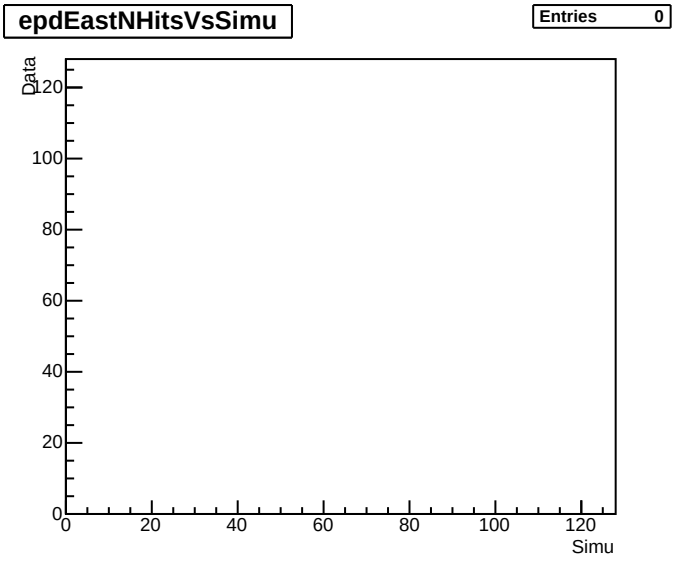
Entries 0
Data
Simu


epdEastTac47
Entries 115920


epdEastTac47VsSimu
Entries 0
Data
Simu


epdEastNHits
Entries 115920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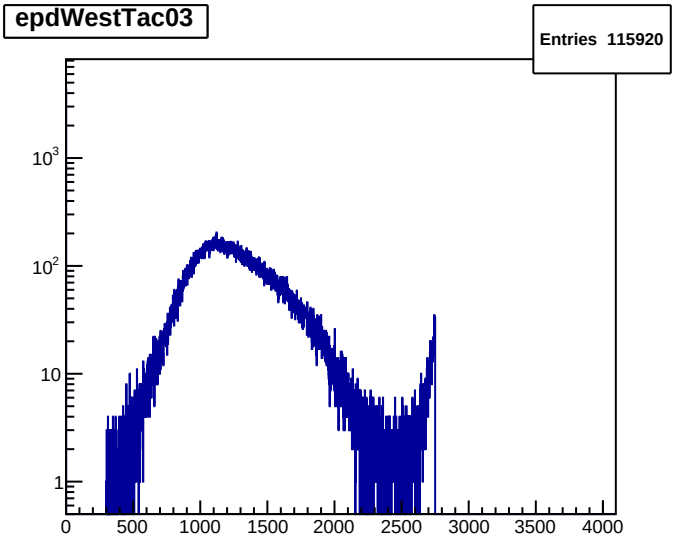
Entries 0
Data
Simu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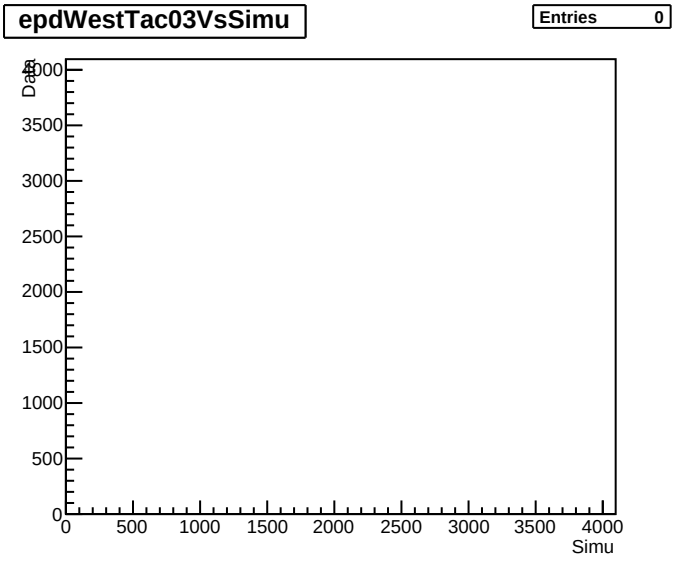
Entries 115920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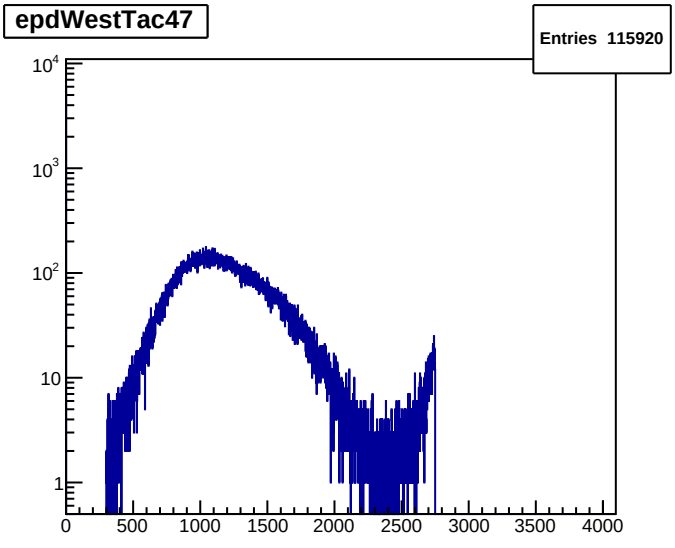
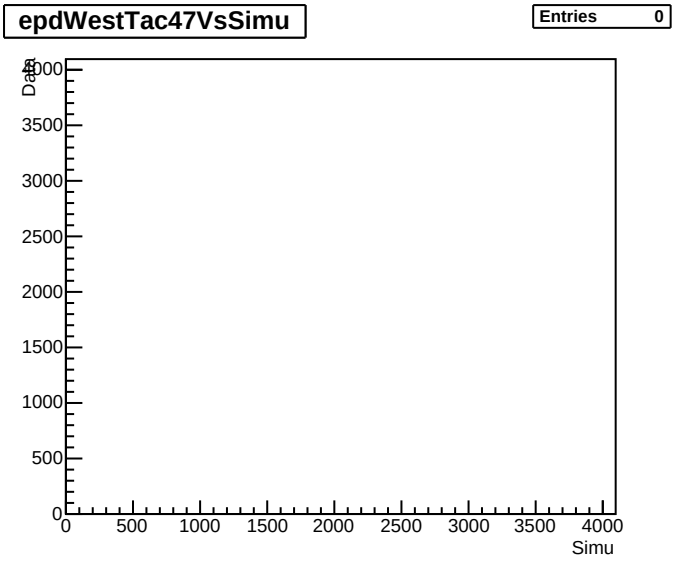
Entries 0
Data
Simu


epdWestTac47
Entries 115920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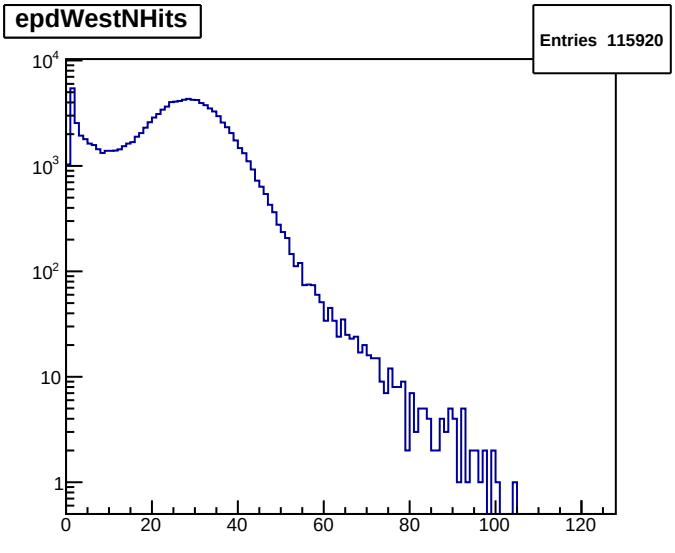
Entries 0
Data
Simu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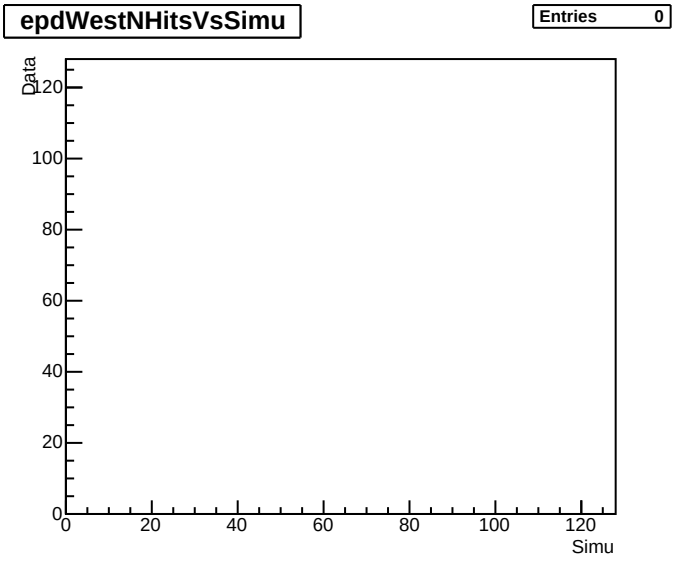
Entries 115920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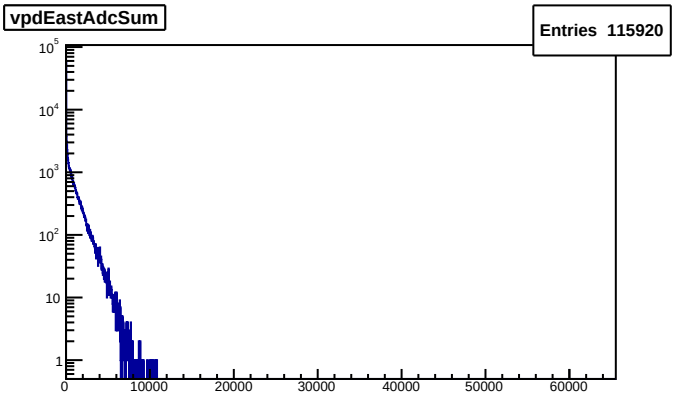
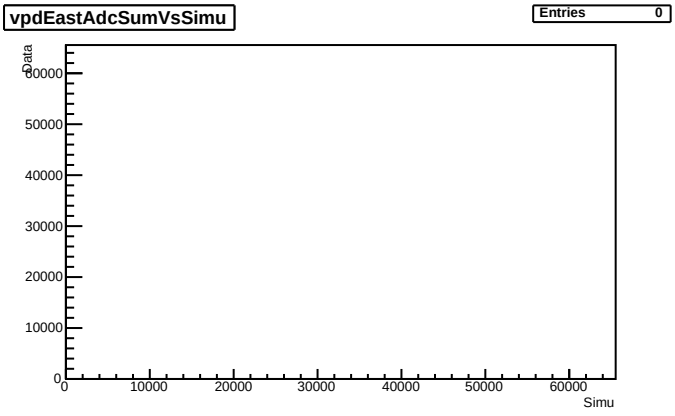
Entries 0
Data
Simu


vpdEastAdcSum
Entries 115920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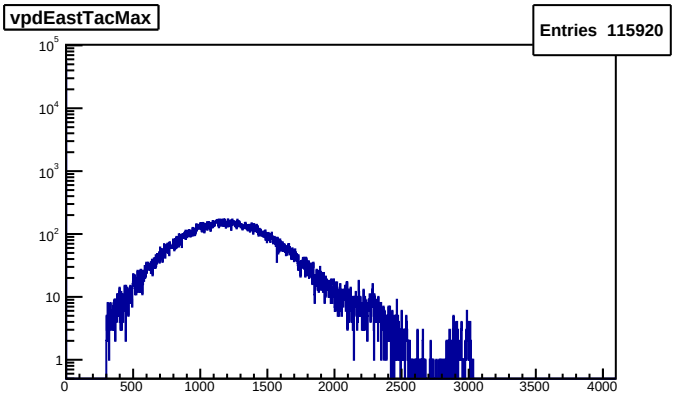
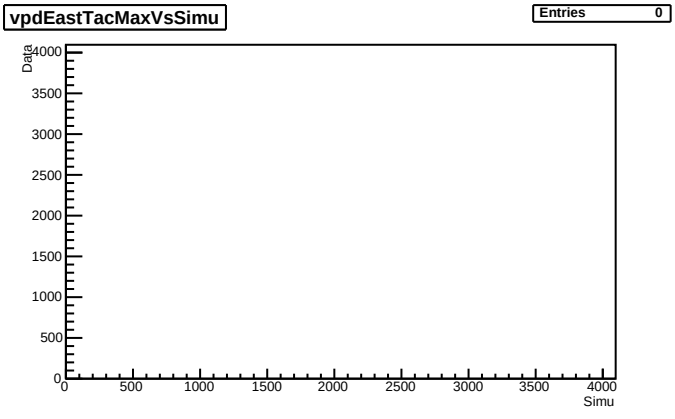
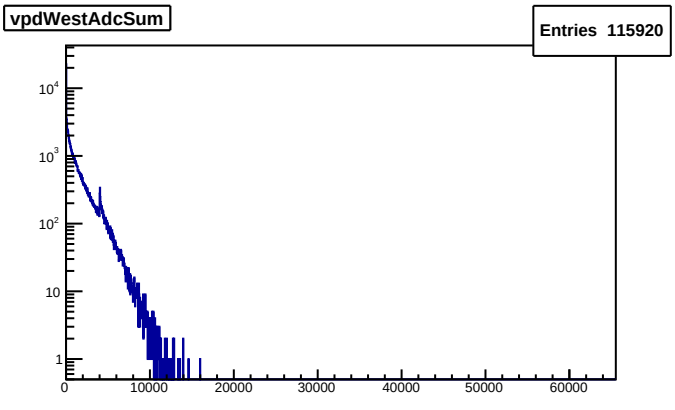
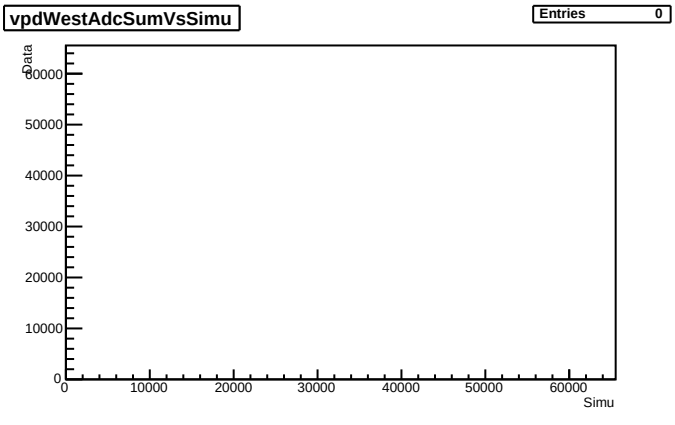
Entries 0
Data
Simu


vpdEastTacMax
Entries 115920


vpdEastTacMaxVsSimu
Entries 0
Data
Simu


vpdWestAdcSum
Entries 115920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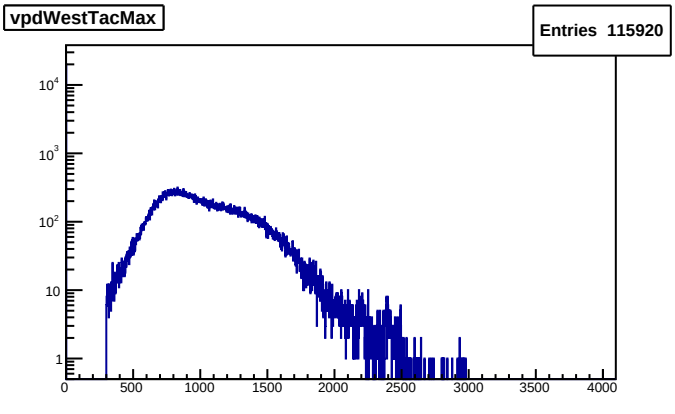
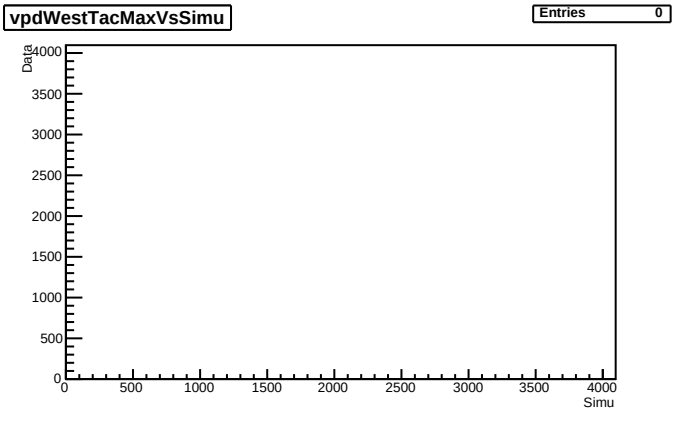
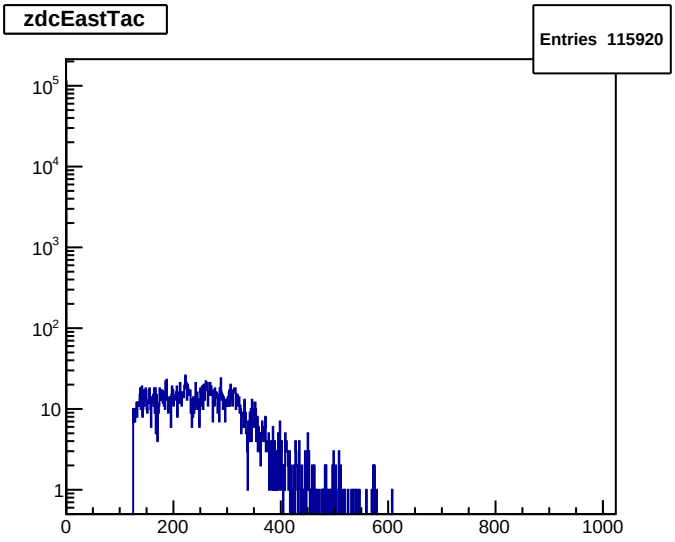
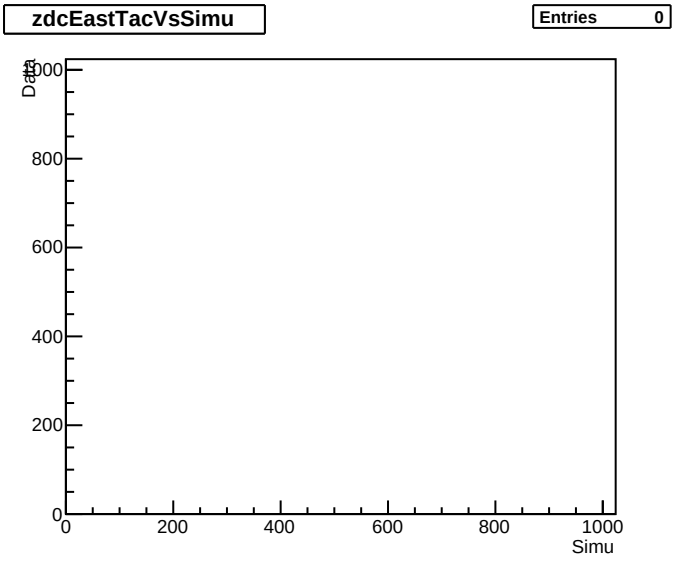
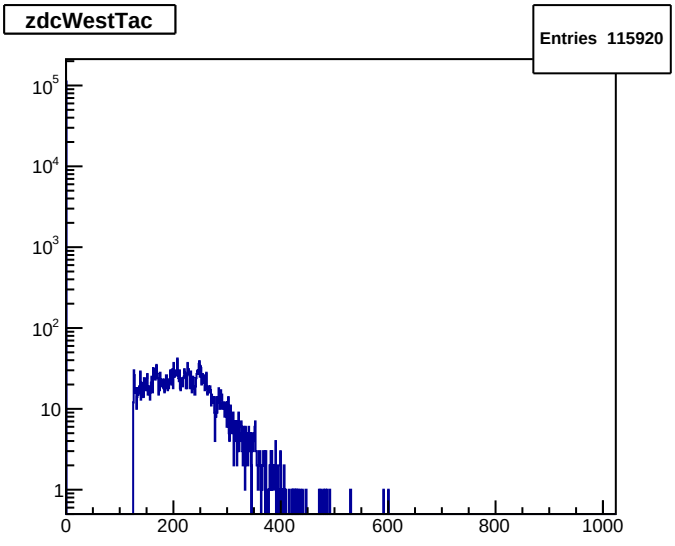
Entries 0
Data
Simu

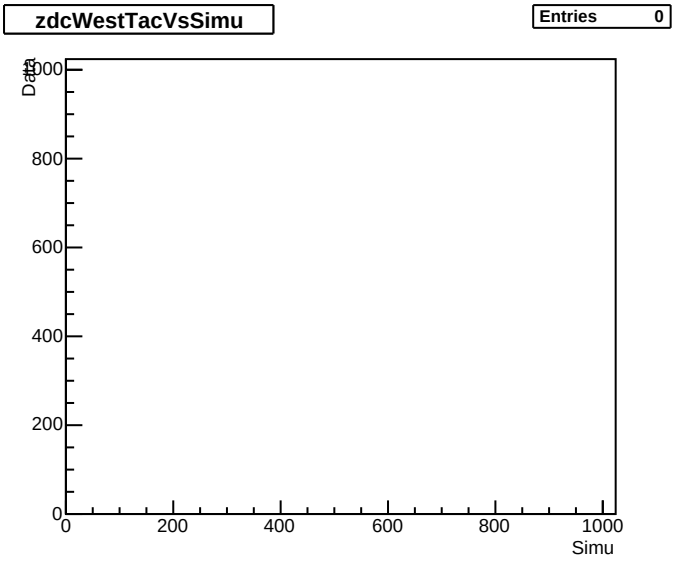

vpdWestTacMax
Entries 115920

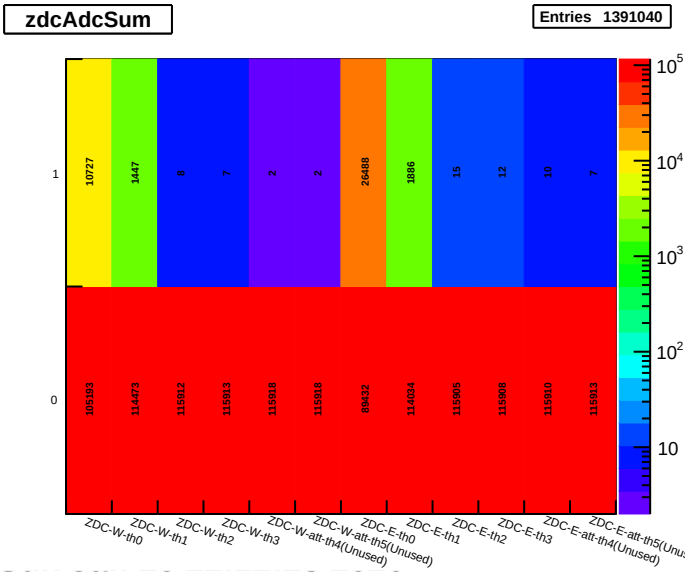

vpdWestTacMaxVsSimu
Entries 0
Data
Simu

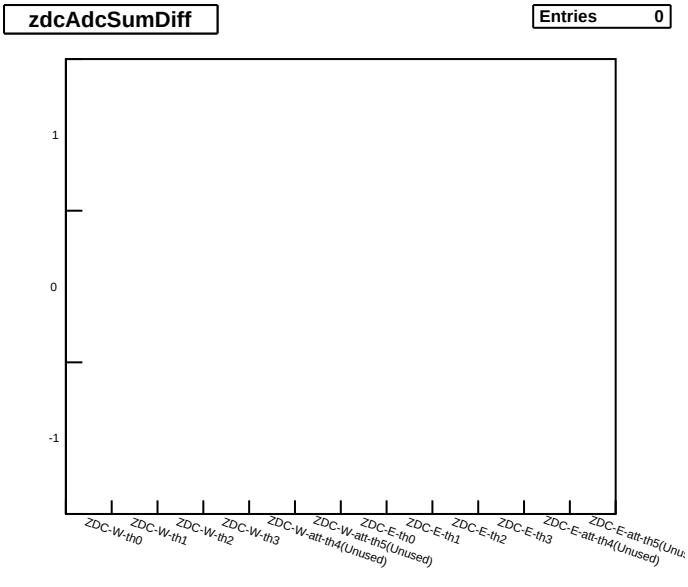

zdcEastTac
Entries 115920
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

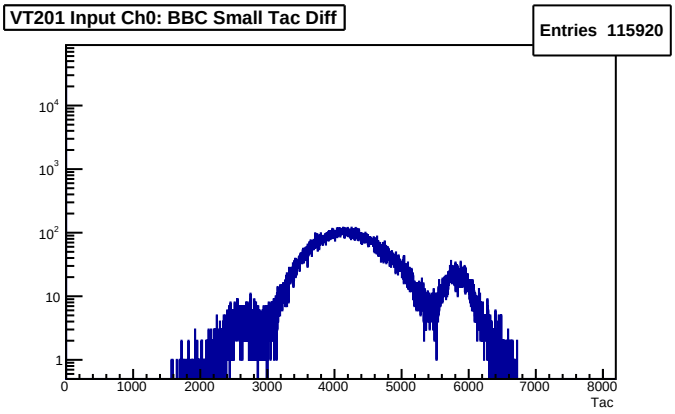

zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

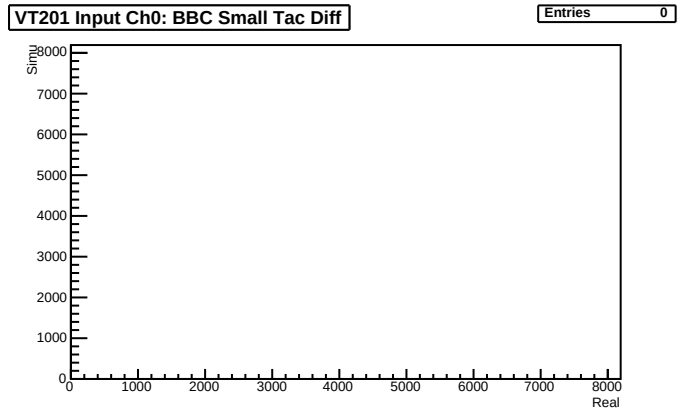

zdcWestTac
Entries 115920
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000

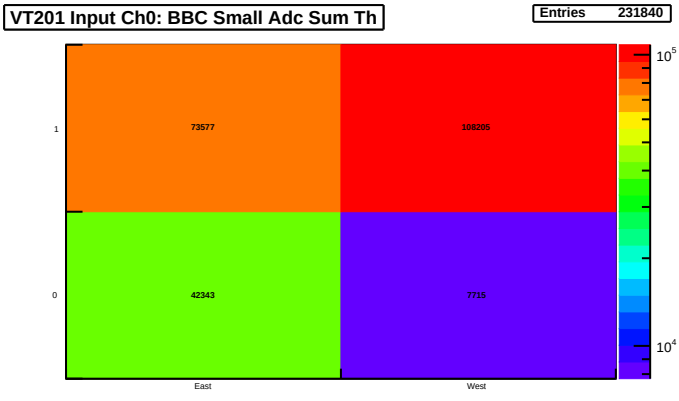

zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu

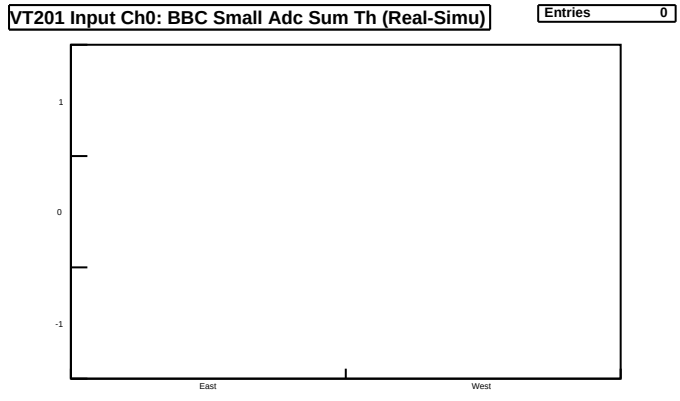

zdcAdcSum
Entries 1391040
1
0
10727
1447
8
7
2
2
26488
1886
15
12
10
7
105193
114473
115912
115913
115918
115918
89432
114034
115905
115908
115910
115913
10^5
10^4
10^3
10^2
10
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

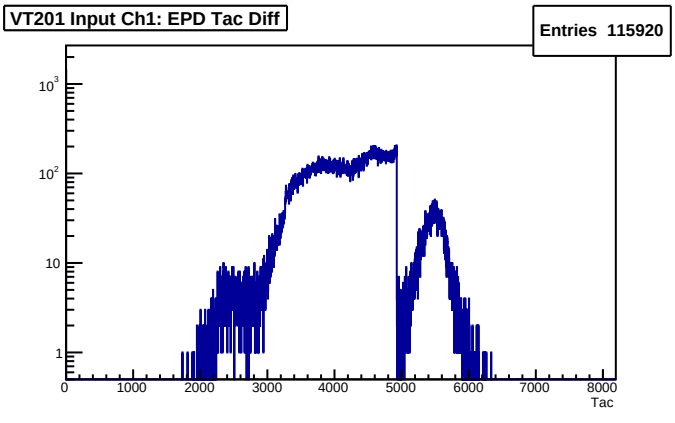

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

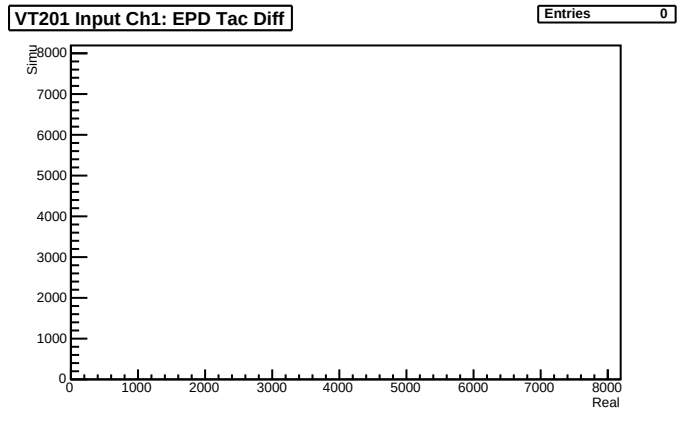

VT201 Input Ch0: BBC Small Tac Diff
Entries 115920
Tac

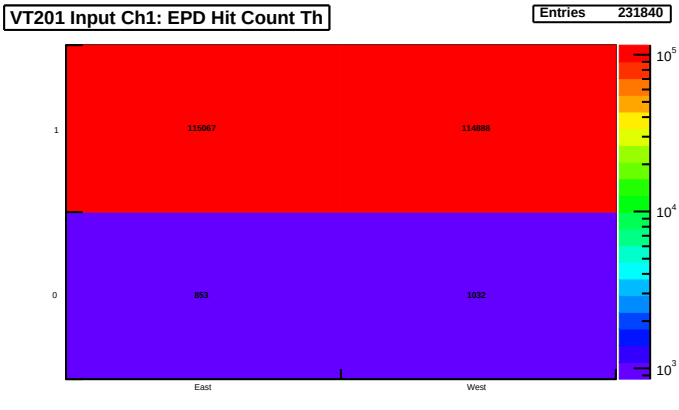

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

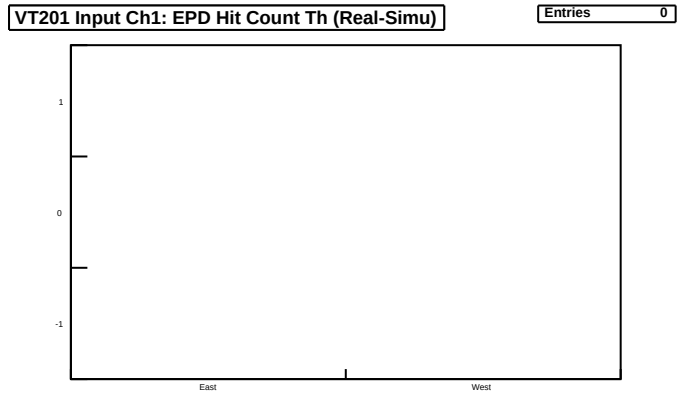

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 231840
73577
108205
42343
7715
East
West

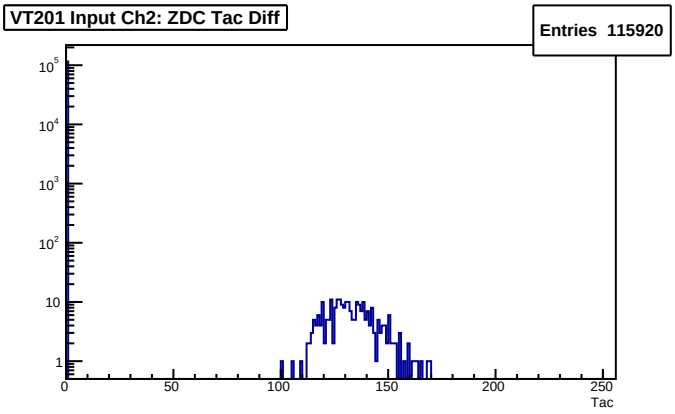

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

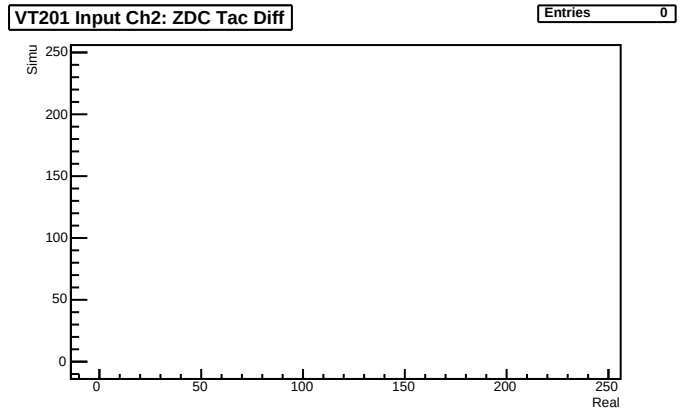

VT201 Input Ch1: EPD Tac Diff
Entries 115920
Tac

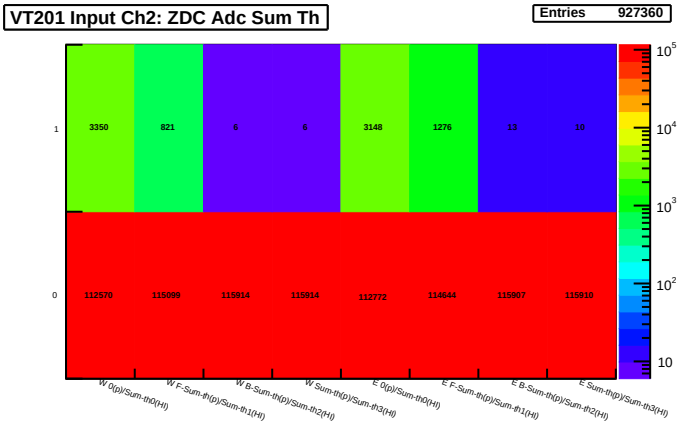

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

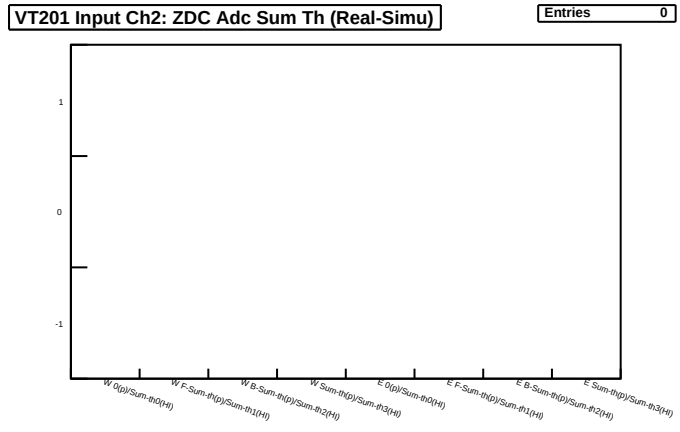

VT201 Input Ch1: EPD Hit Count Th
Entries 231840
115067
114888
853
1032
East
West

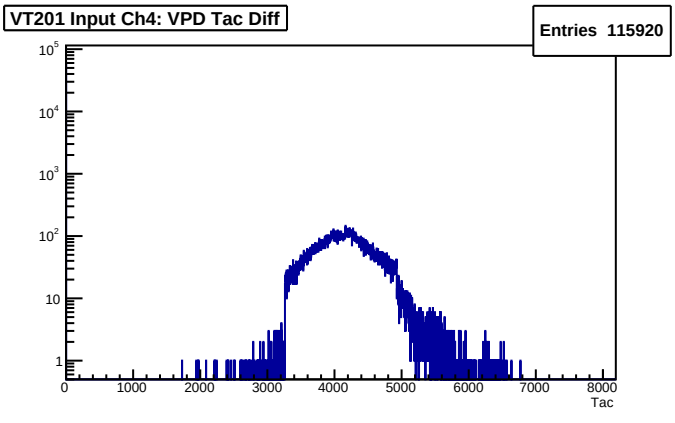

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

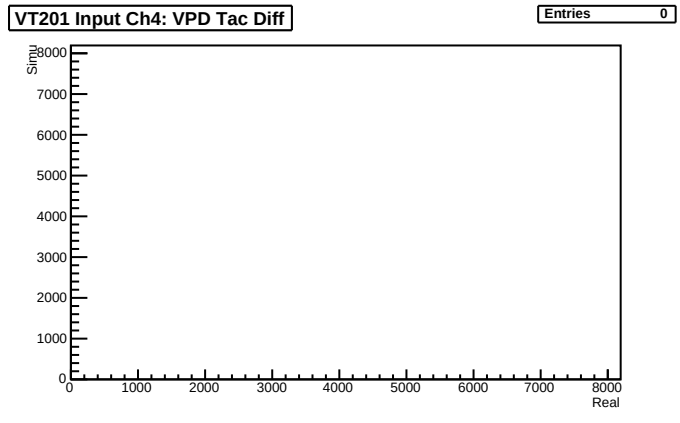

VT201 Input Ch2: ZDC Tac Diff
Entries 115920
Tac

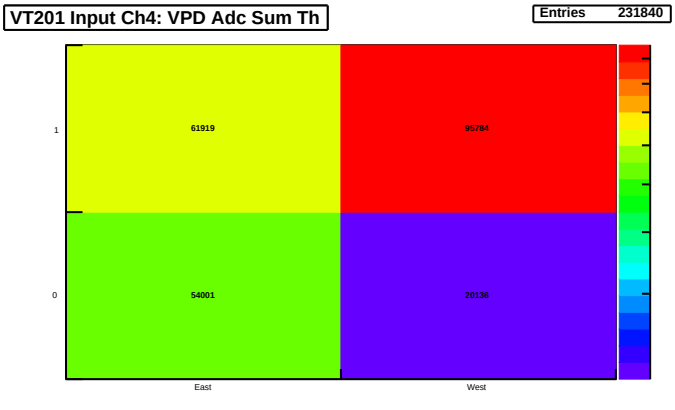

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

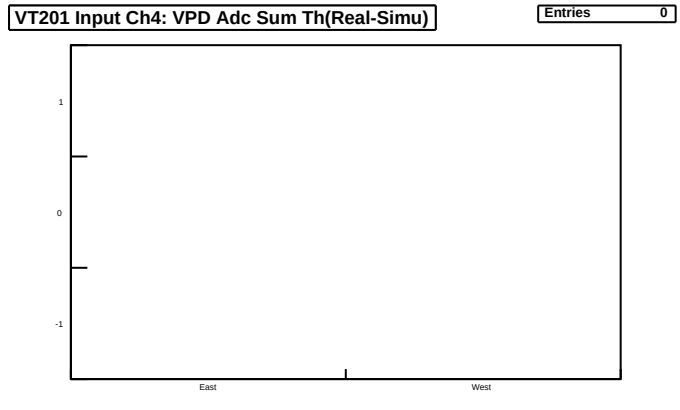

VT201 Input Ch2: ZDC Adc Sum Th
Entries 927360
3350
821
6
6
3148
1276
13
10
112570
115099
115914
115914
112772
114644
115907
115910
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

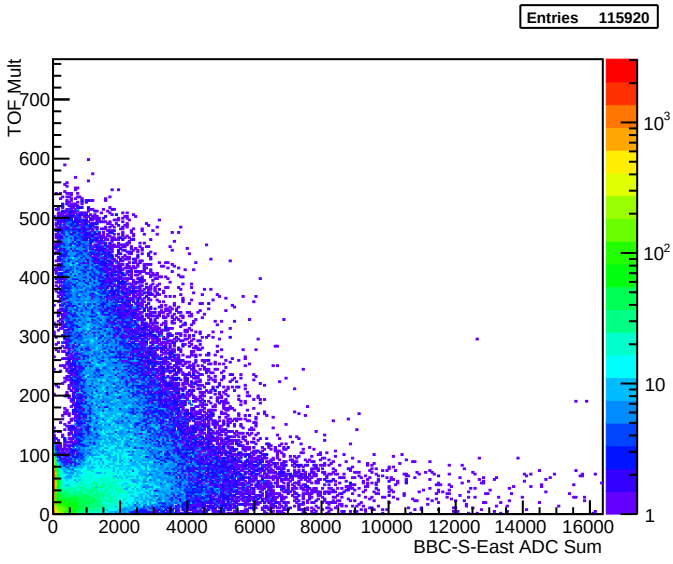

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

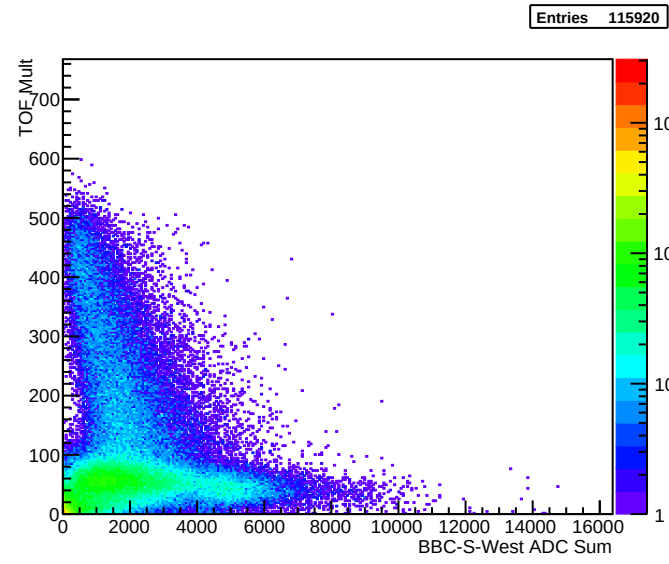

VT201 Input Ch4: VPD Tac Diff
Entries 115920
Tac

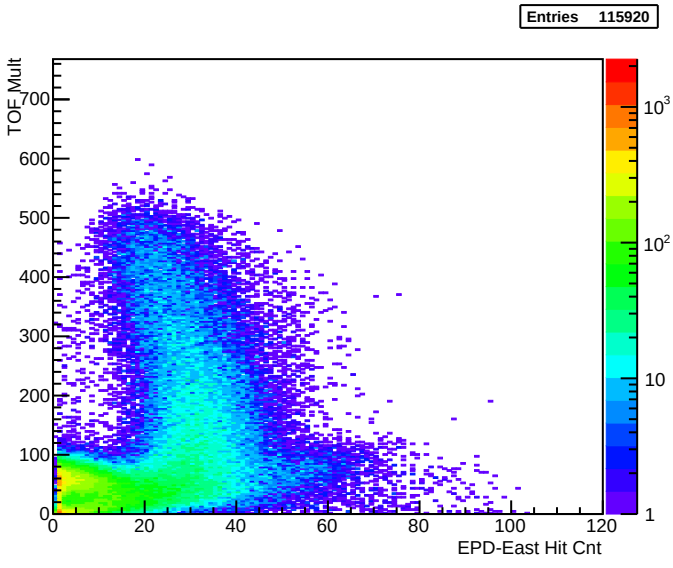

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

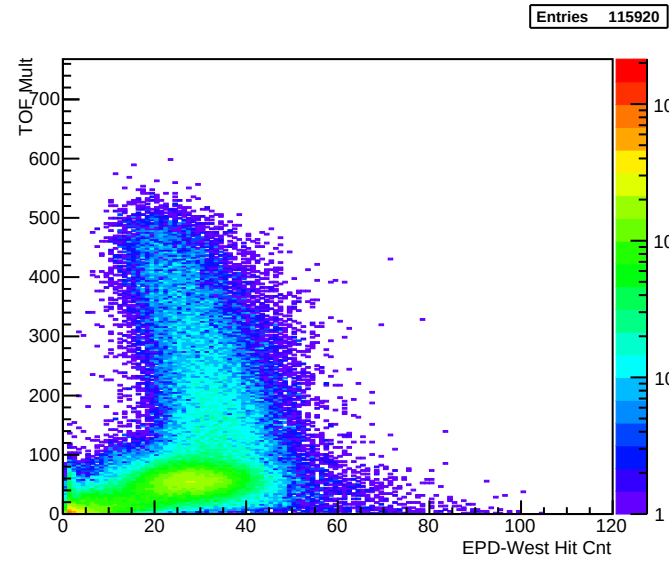

VT201 Input Ch4: VPD Adc Sum Th
Entries 231840
61919
95784
54001
20136
East
West

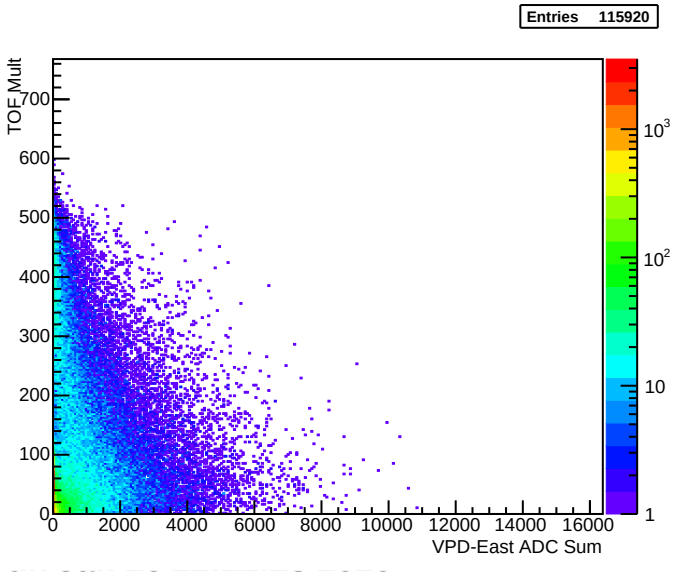

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

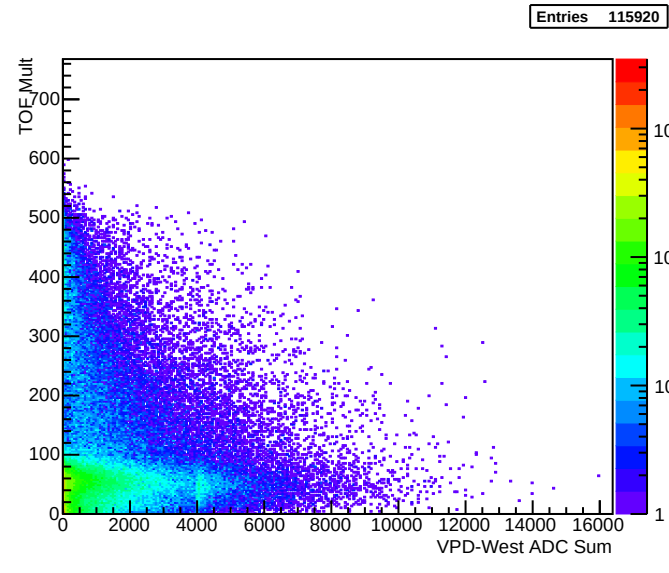

Entries 115920
TOF_Mult
BBC-S-East ADC Sum

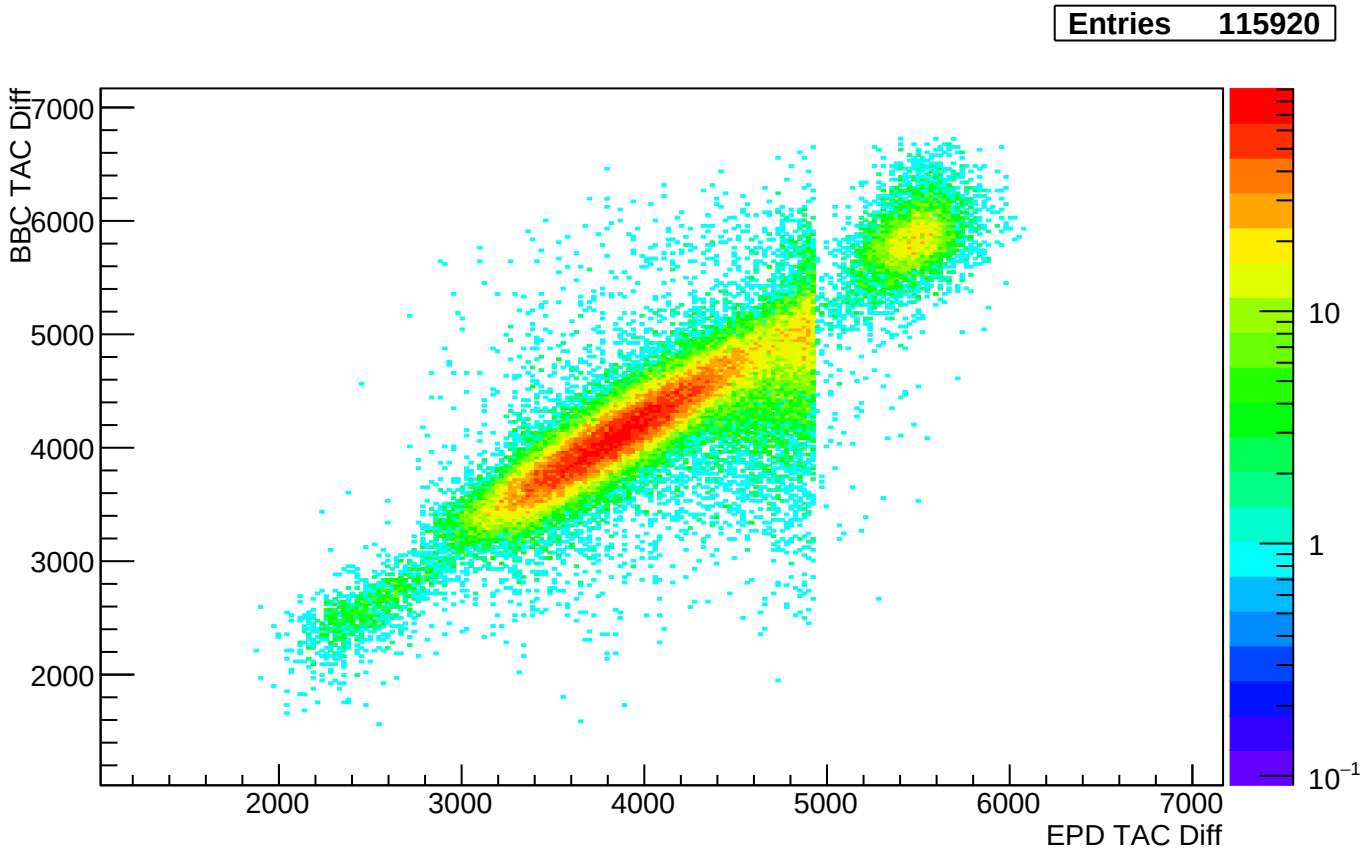

Entries 115920
TOF_Mult
BBC-S-West ADC Sum

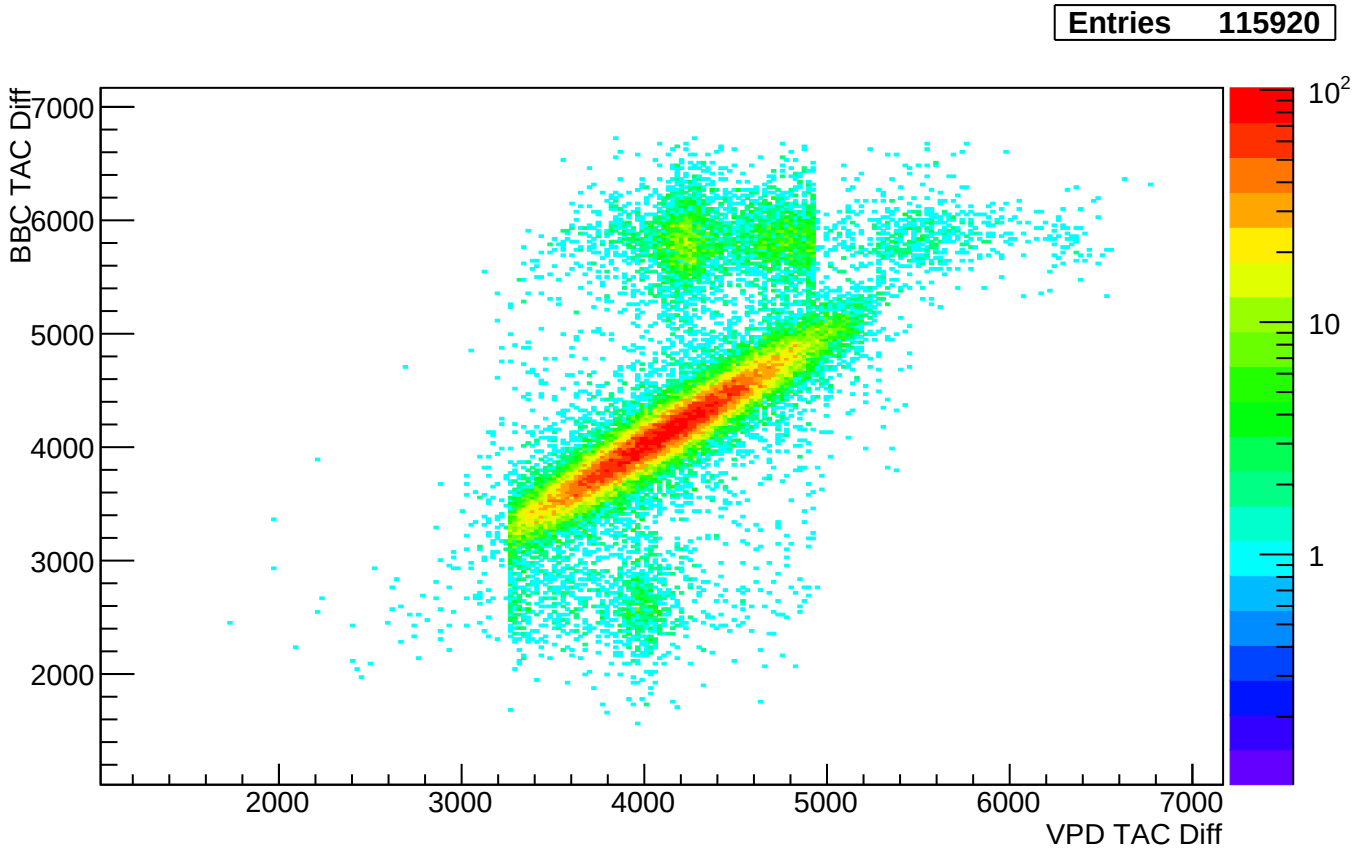

Entries 115920
TOF_Mult
EPD-East Hit Cnt

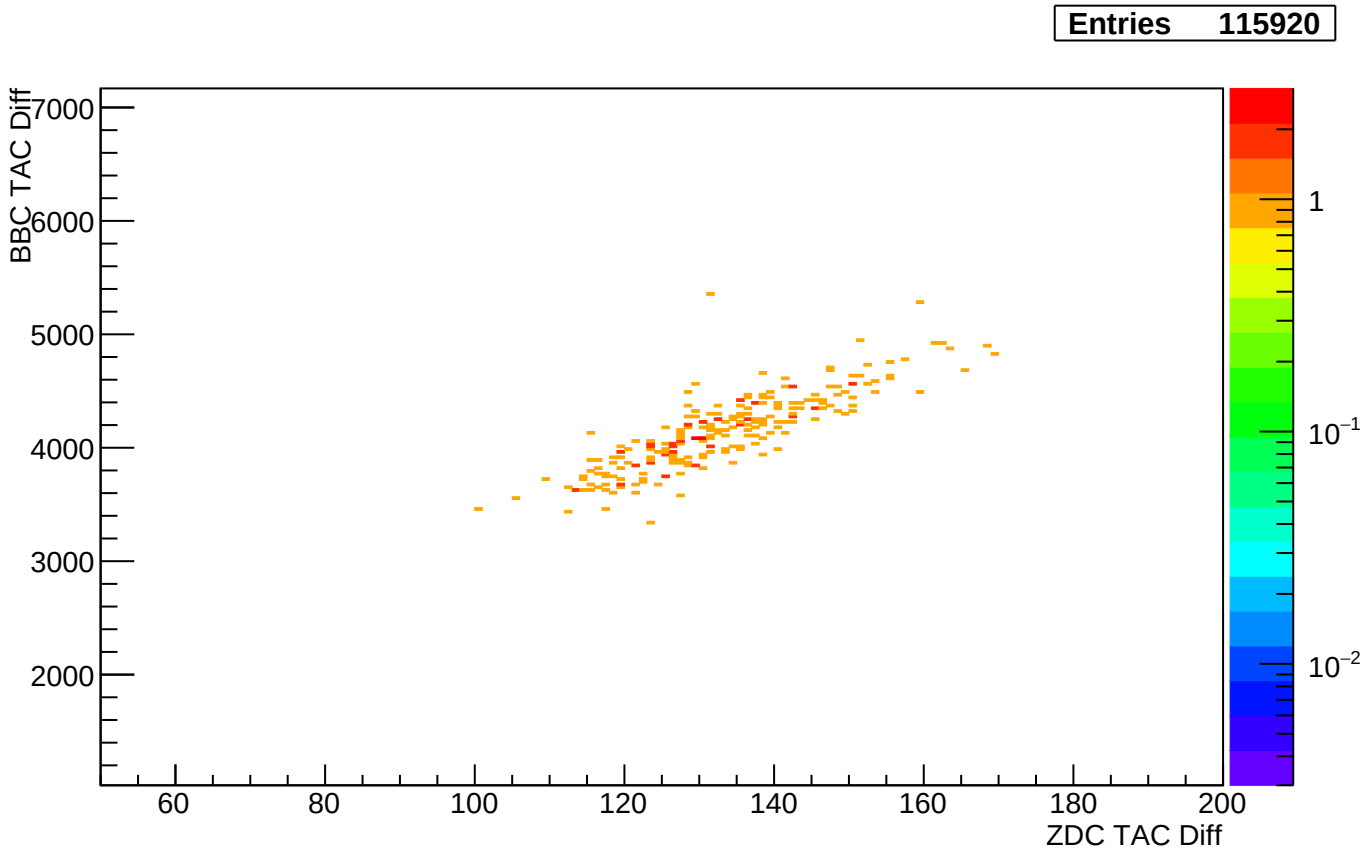

Entries 115920
TOF_Mult
EPD-West Hit Cnt

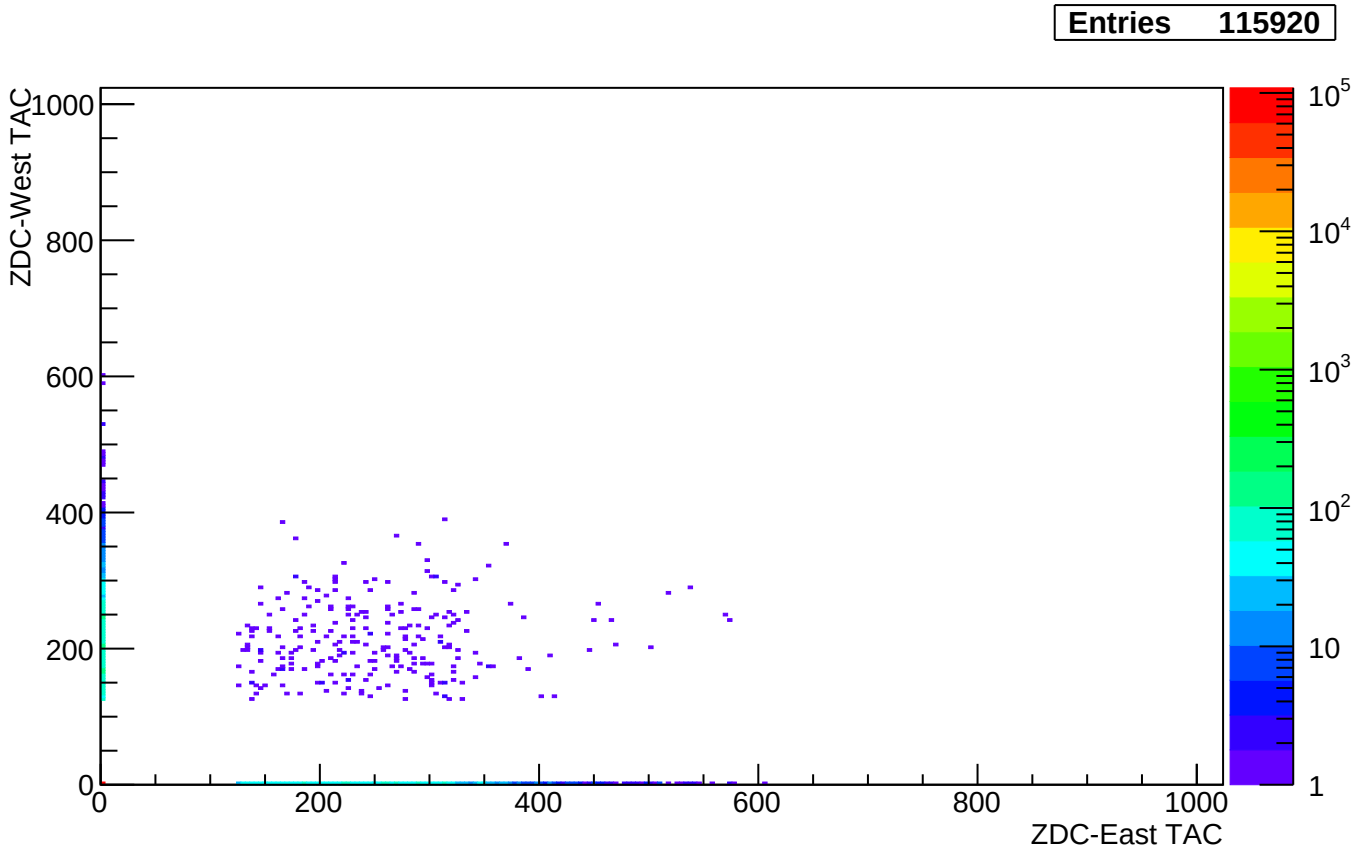

Entries 115920
TOF_Mult
VPD-East ADC Sum

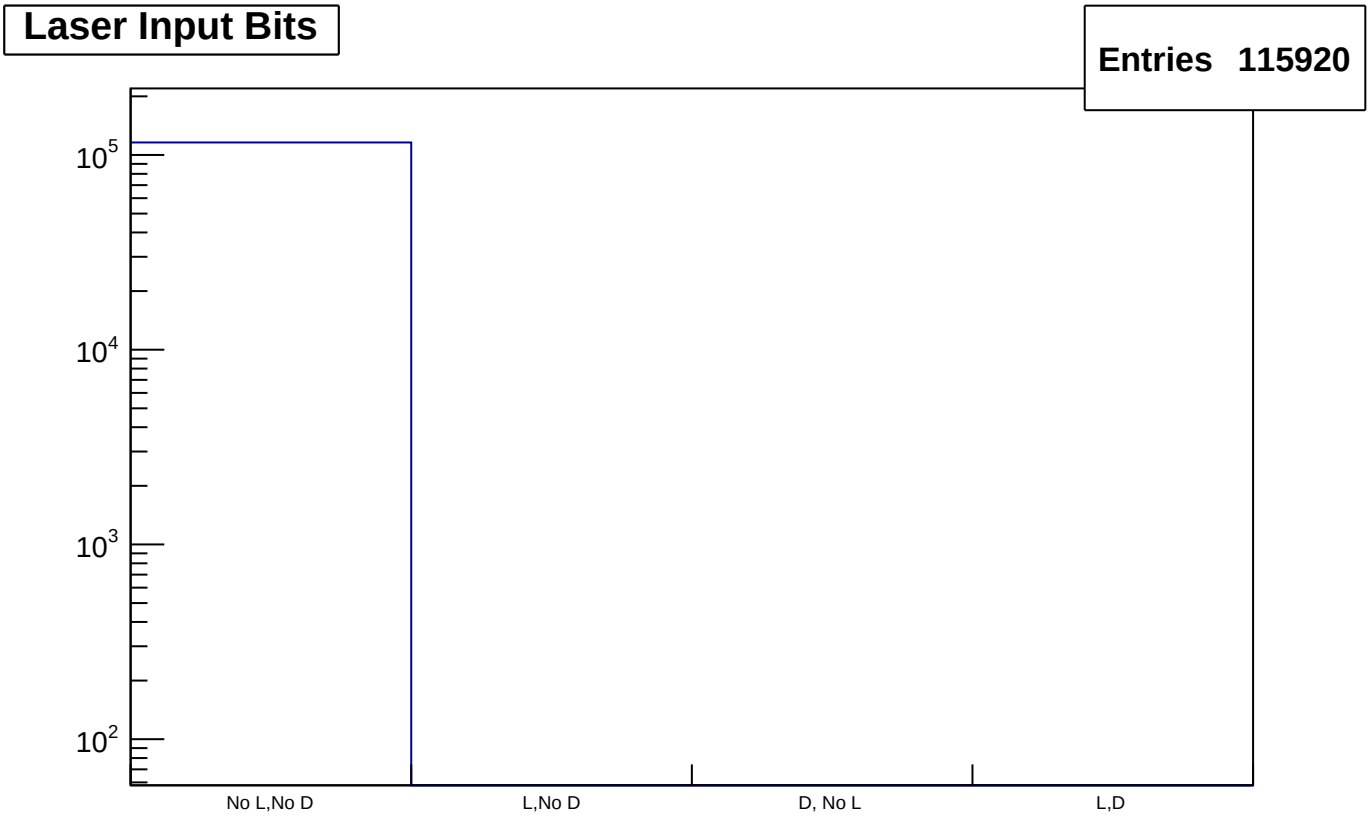

Entries 115920
TOF_Mult
VPD-West ADC Sum

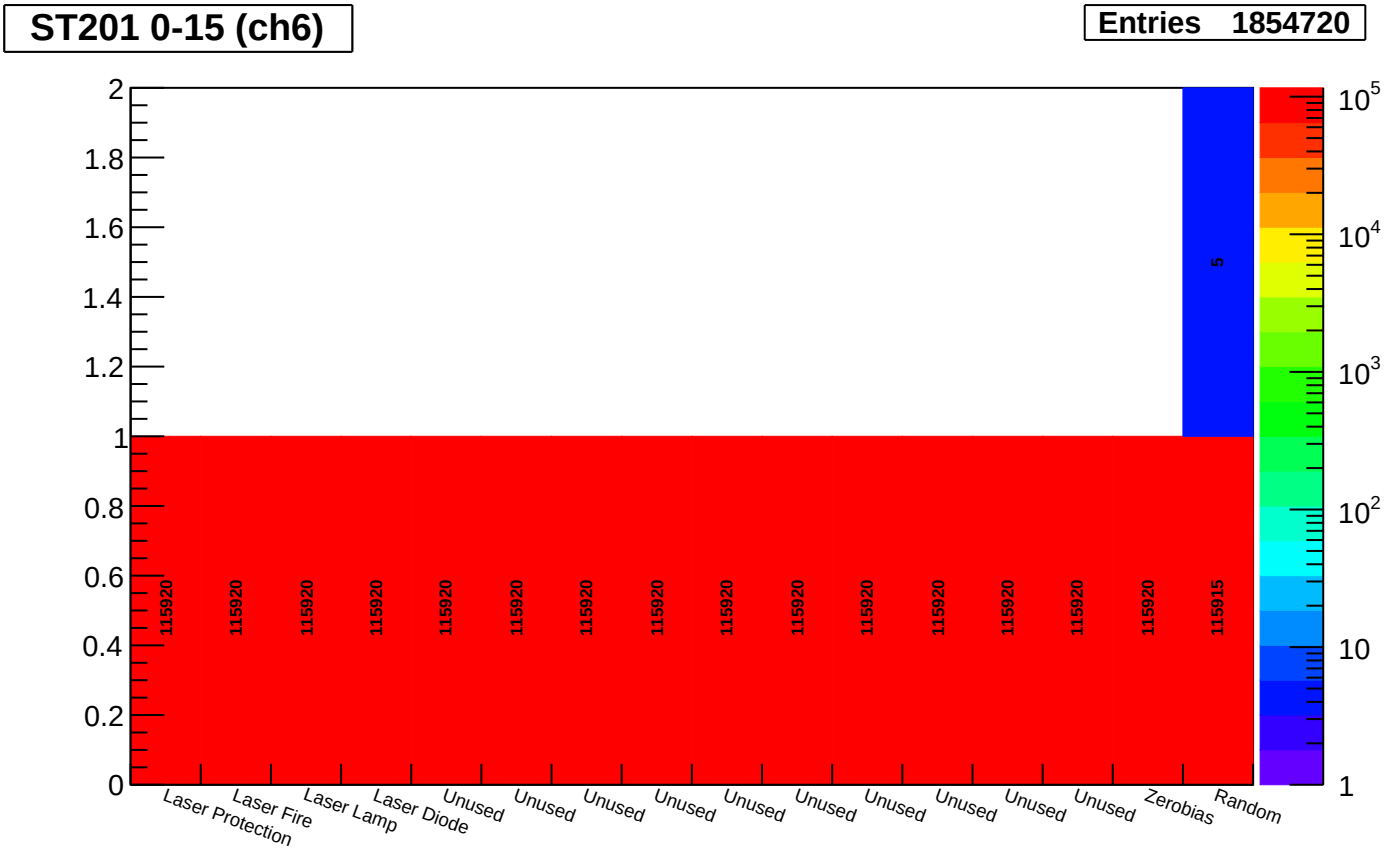

Entries 115920
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

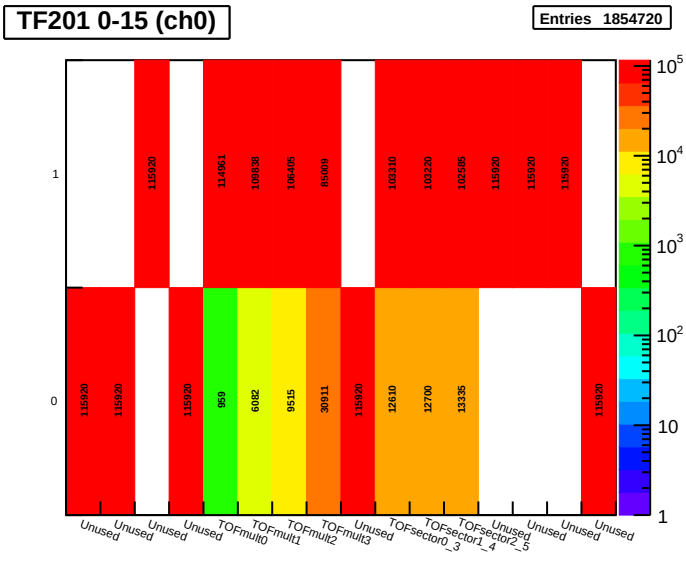

Entries 115920
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^{2}
10
1

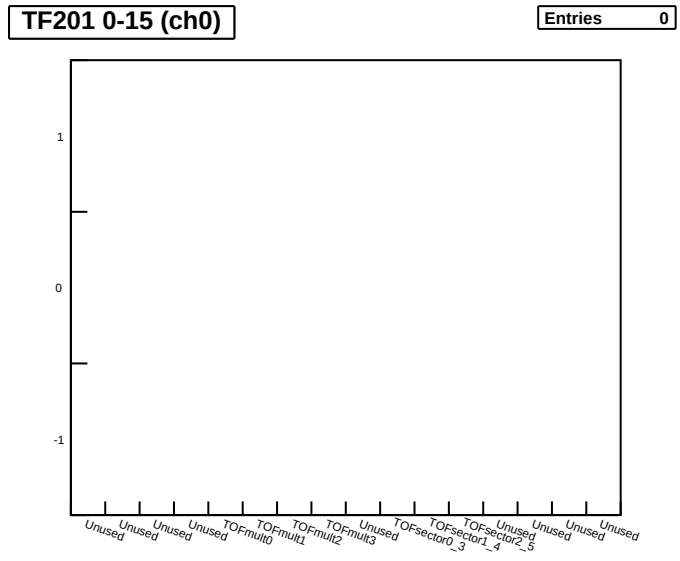

Entries 115920
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

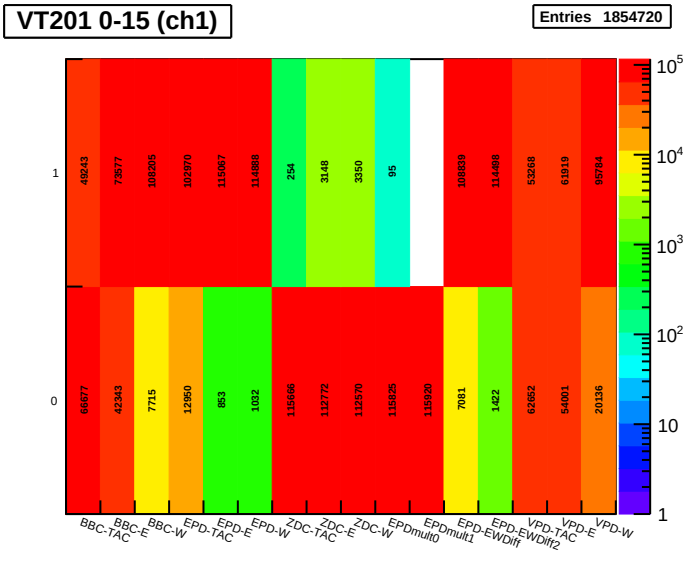

Entries 115920
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

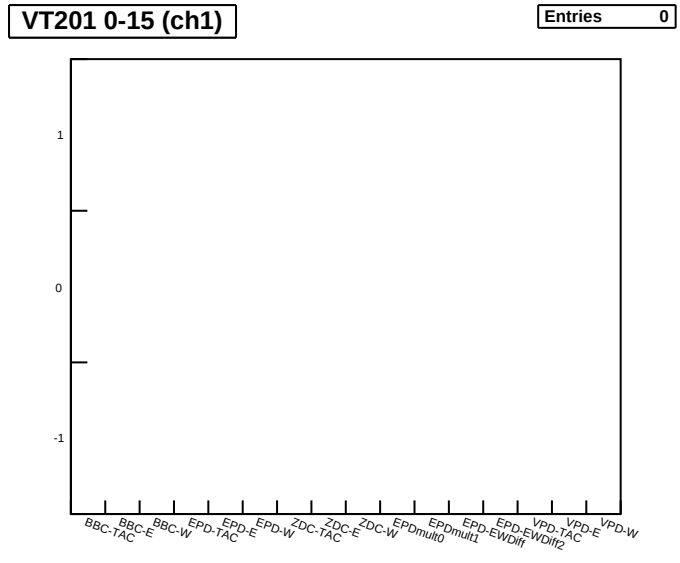

Laser Input Bits
Entries 115920
10^5
10^4
10^3
10^2
No L,No D
L,No D
D, No L
L,D

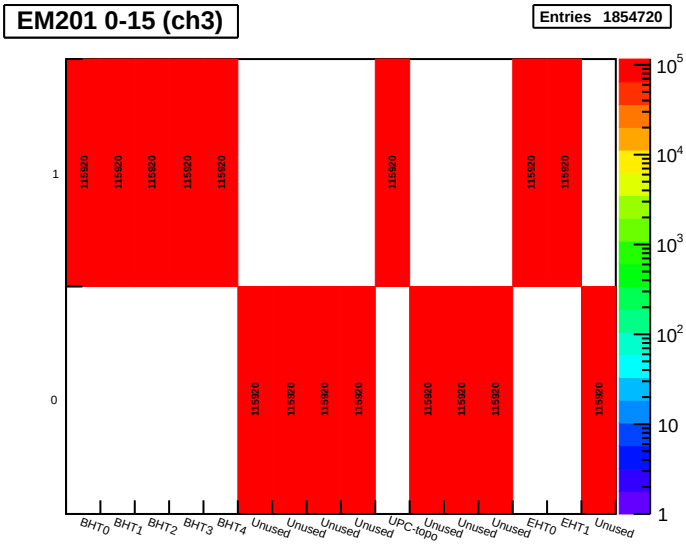

ST201 0-15 (ch6)
Entries 1854720
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115915
5
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

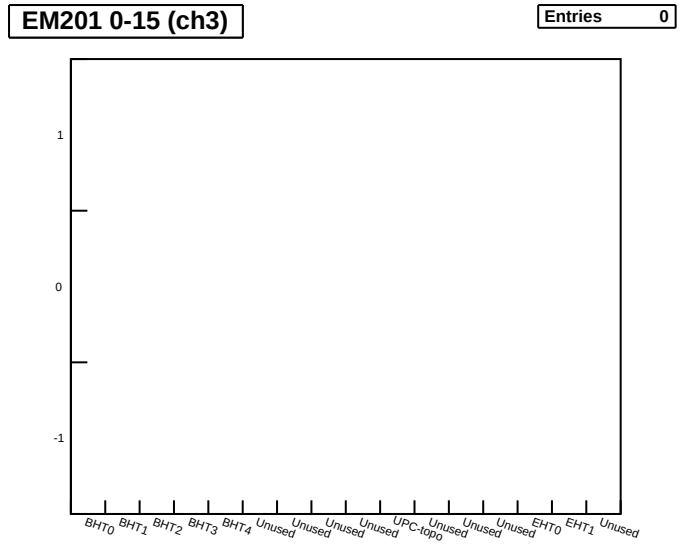

TF201 0-15 (ch0)
Entries 1854720
1
0
115920
114861
109838
106405
85009
103310
103220
102565
115920
115920
115920
115920
115920
959
6082
9515
30911
12610
12700
13335
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 1854720
1
0
49243
73577
108205
102970
115067
114988
254
3148
3350
95
108839
114488
53268
61919
95784
66677
42343
7715
12950
853
1032
115666
112772
112570
115825
115920
7081
1422
62652
54001
20136
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 1854720
1
0
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
115920
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