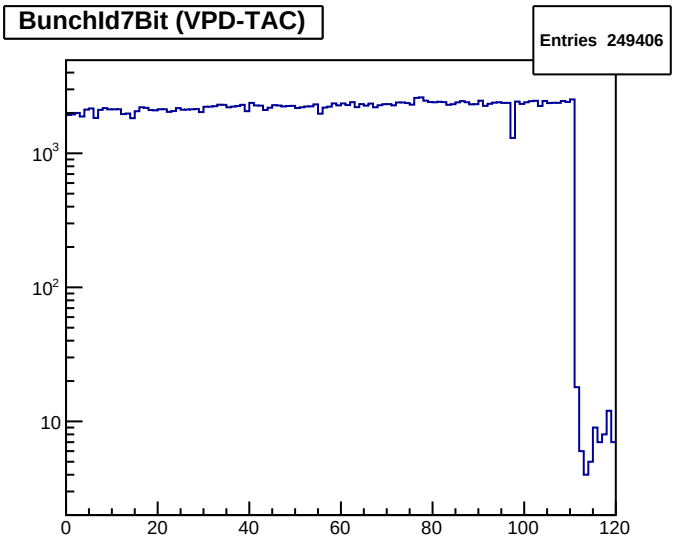
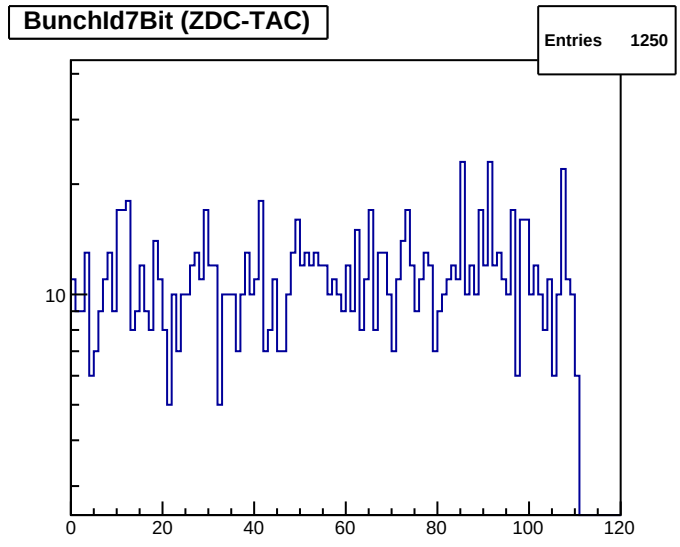
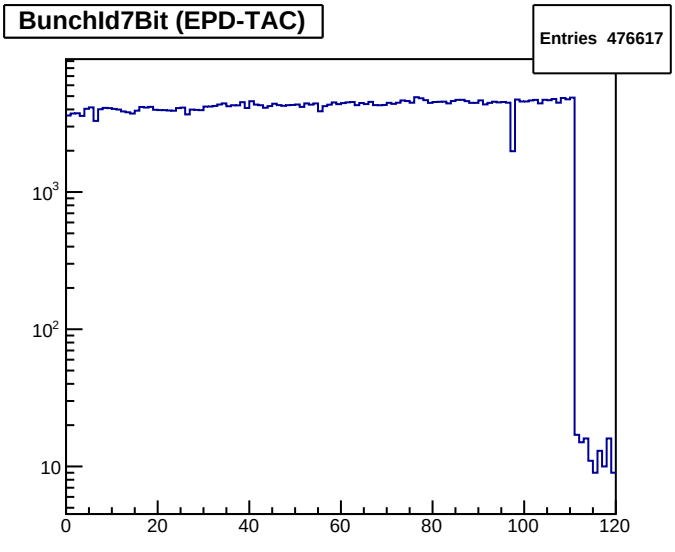
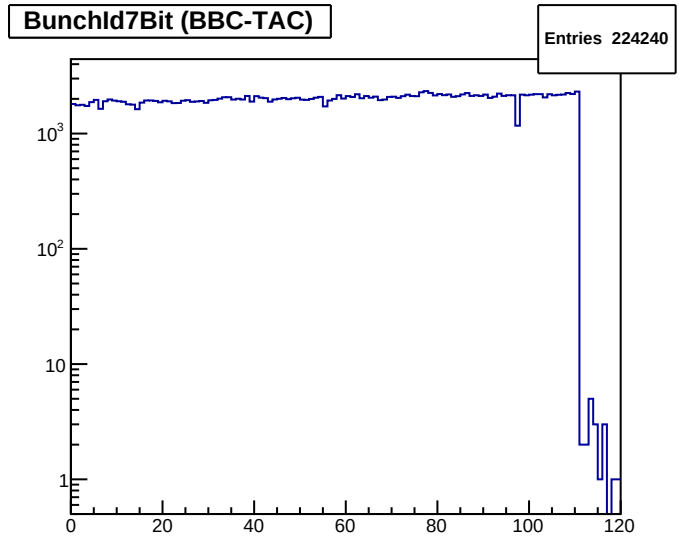
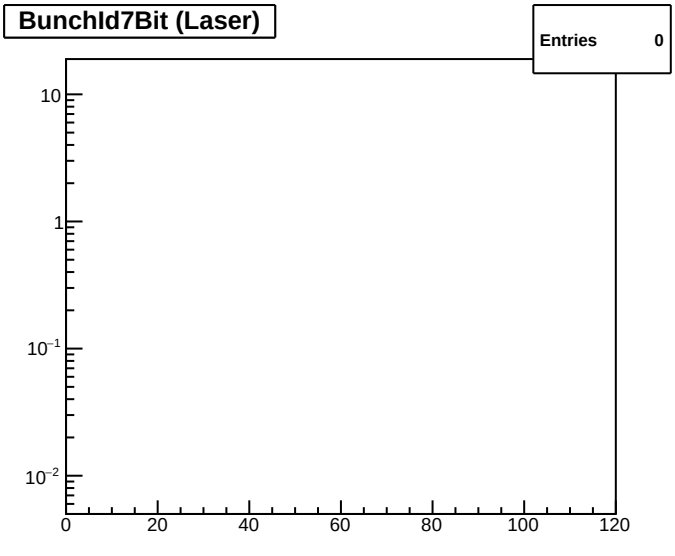
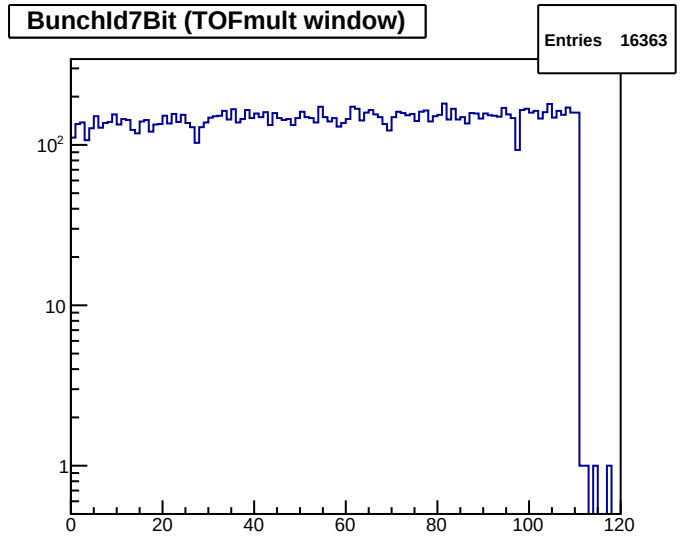

BunchId7Bit (VPD-TAC)
Entries 249406

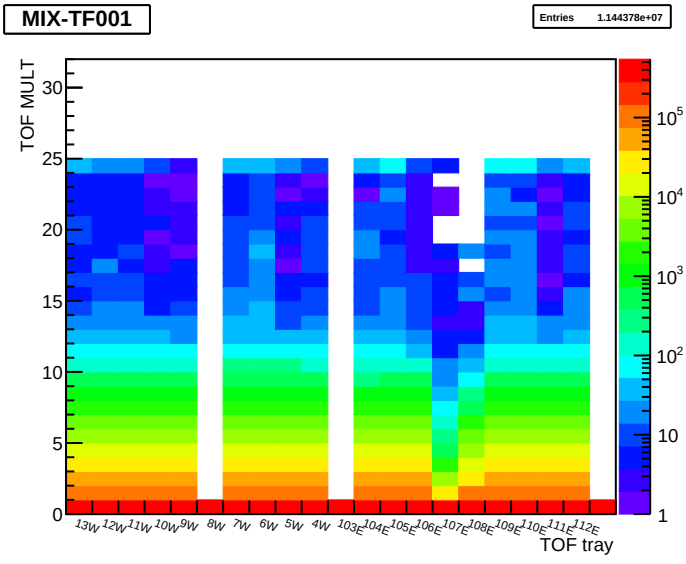

BunchId7Bit (ZDC-TAC)
Entries 1250

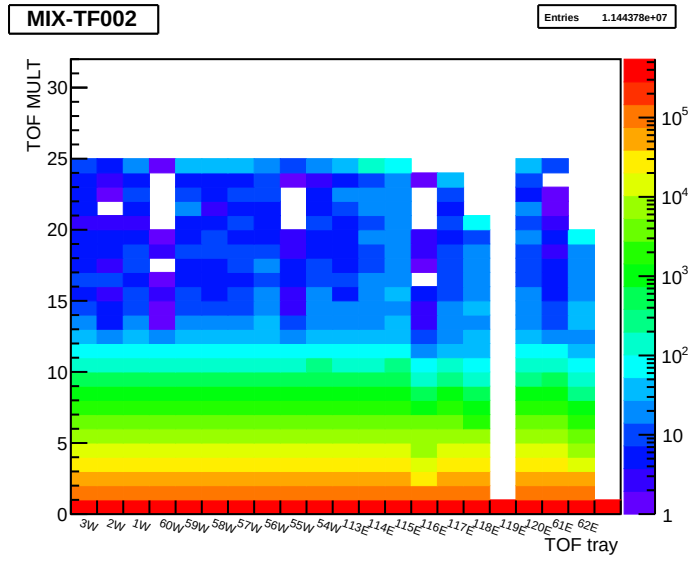

BunchId7Bit (EPD-TAC)
Entries 476617

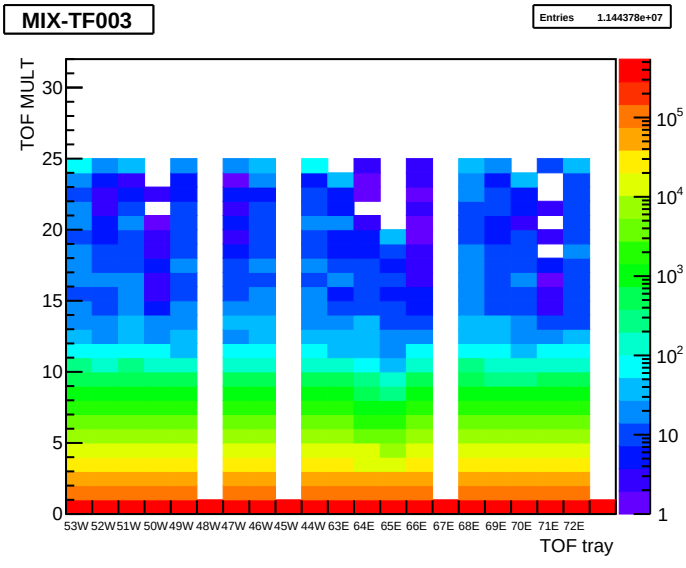

BunchId7Bit (BBC-TAC)
Entries 224240

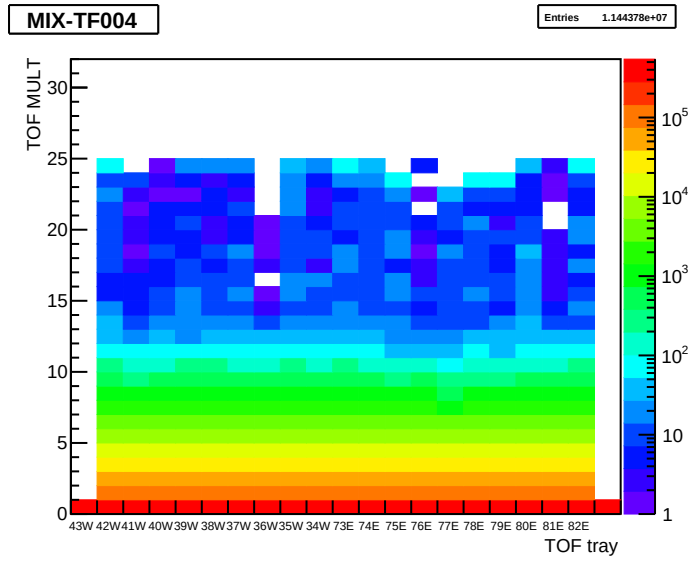

BunchId7Bit (Laser)
Entries 0

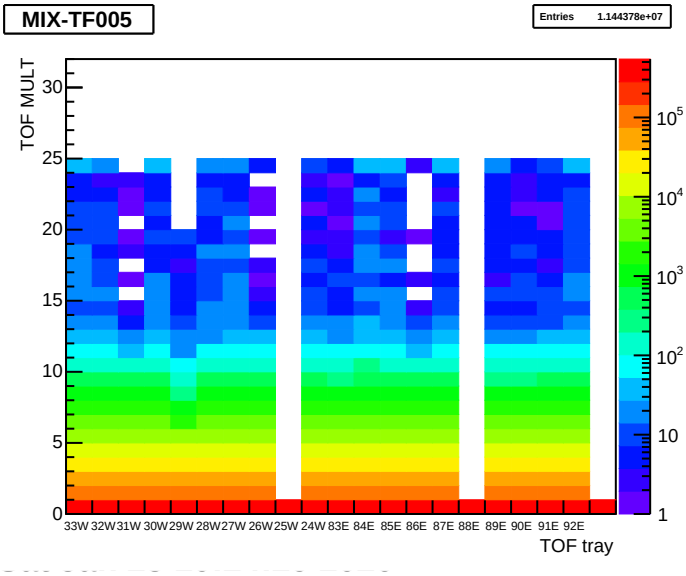

BunchId7Bit (TOFmult window)
Entries 16363

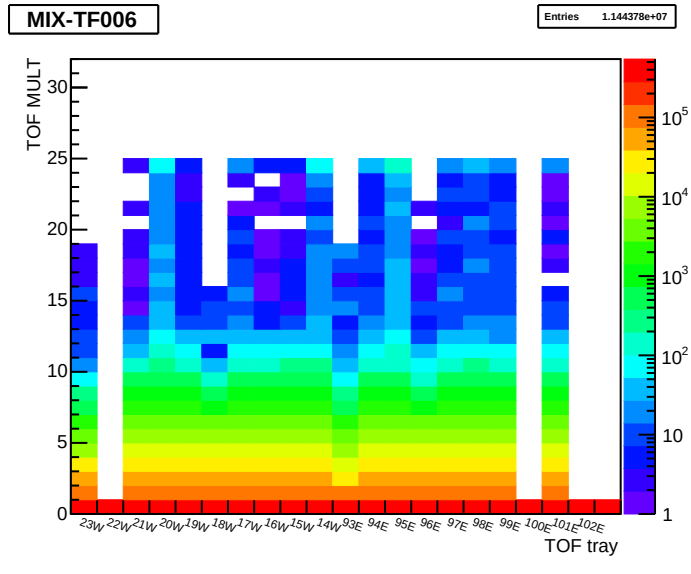

MIX-TF001
Entries 1.144378e+07
TOF MULT
TOF tray

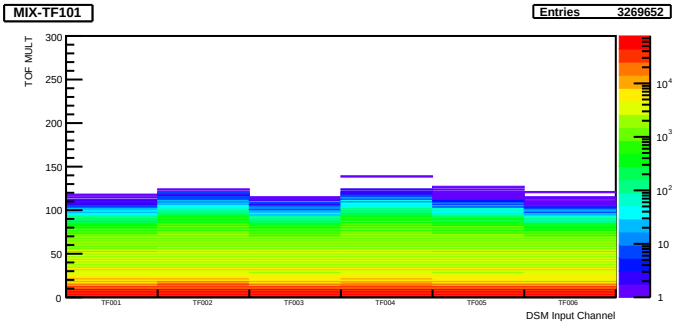

MIX-TF002
Entries 1.144378e+07
TOF MULT
TOF tray

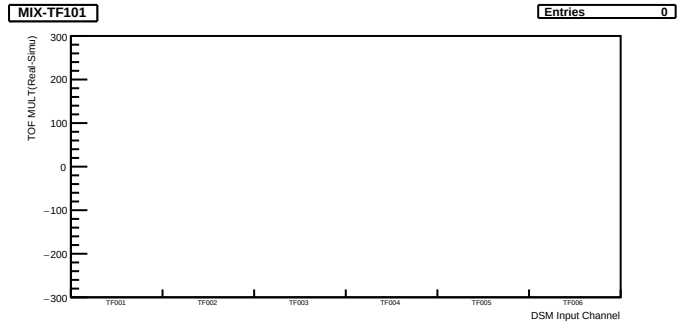

MIX-TF003
Entries 1.144378e+07
TOF MULT
TOF tray

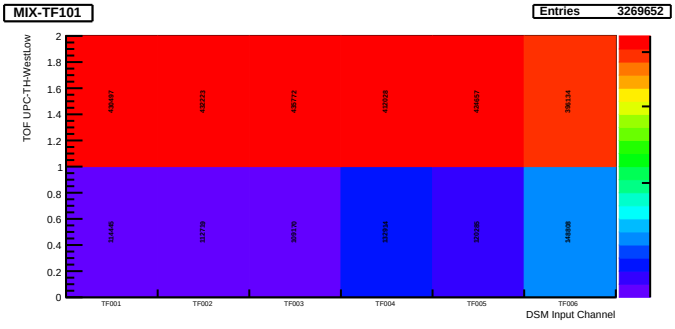

MIX-TF004
Entries 1.144378e+07
TOF MULT
TOF tray

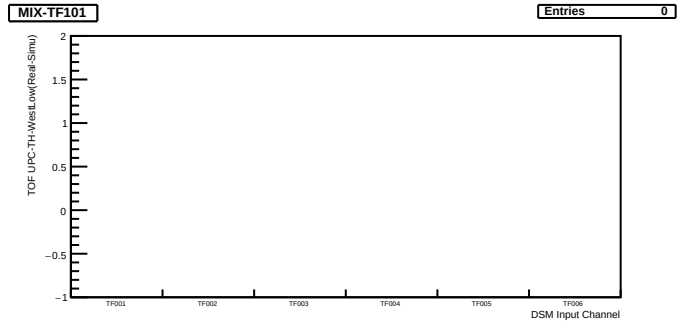

MIX-TF005
Entries 1.144378e+07
TOF MULT
TOF tray

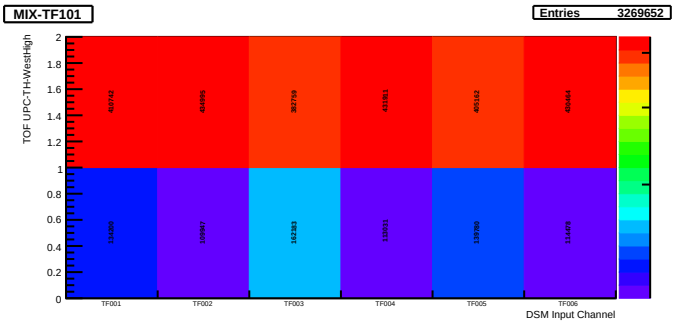

MIX-TF006
Entries 1.144378e+07
TOF MULT
TOF tray

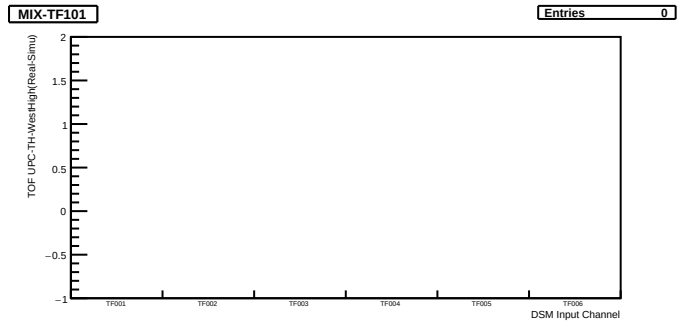

MIX-TF101
Entries 3269652
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

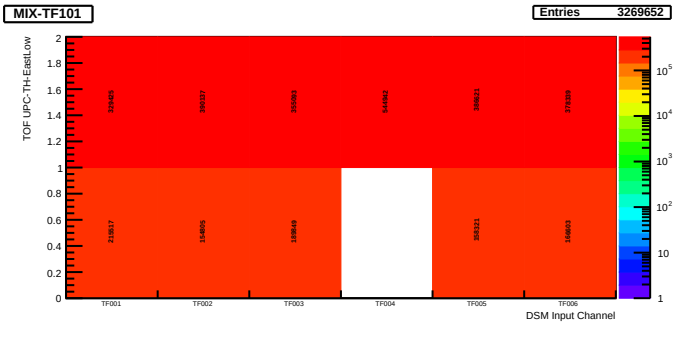

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

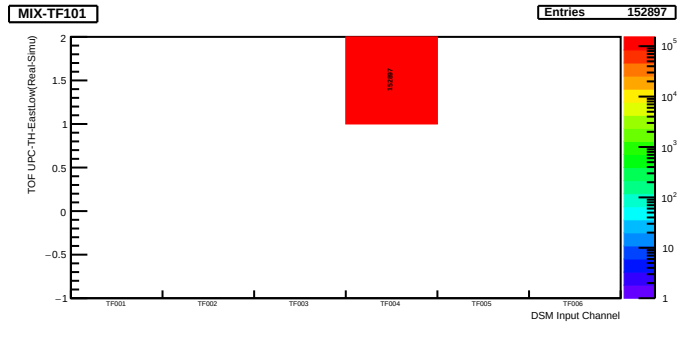

MIX-TF101
Entries 3269652
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

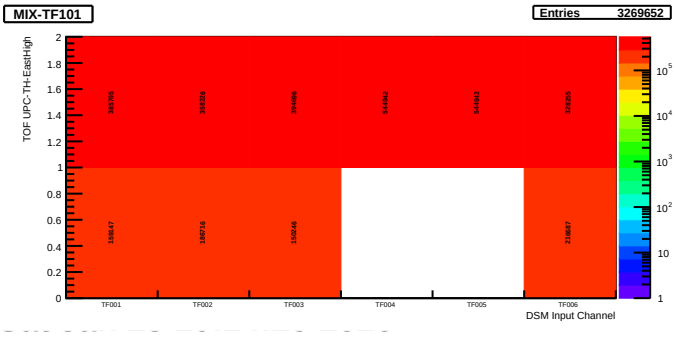

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

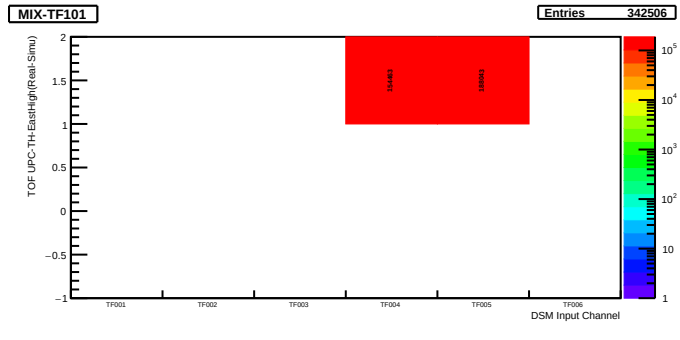

MIX-TF101
Entries 3269652
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

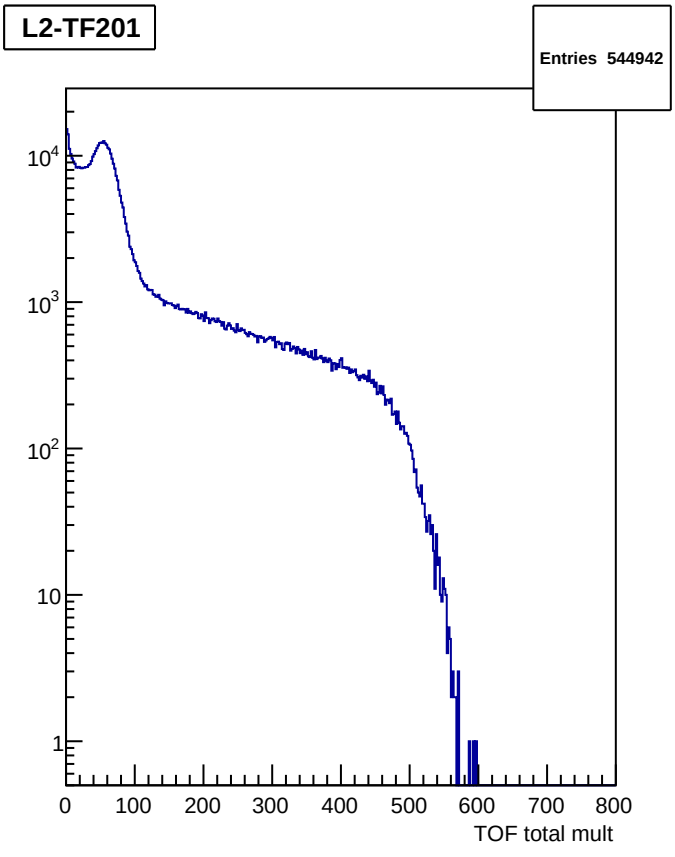

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

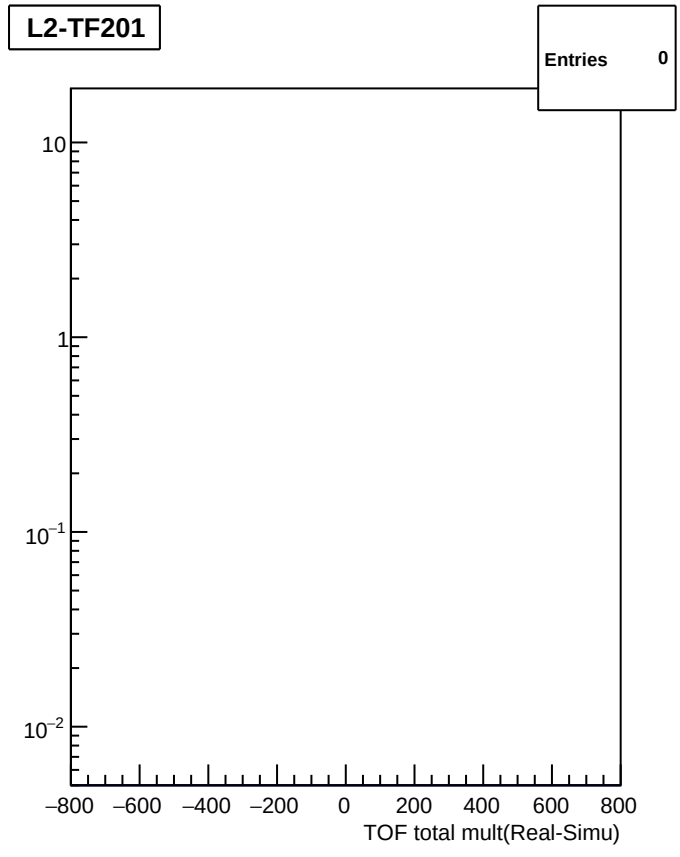

MIX-TF101
Entries 3269652
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

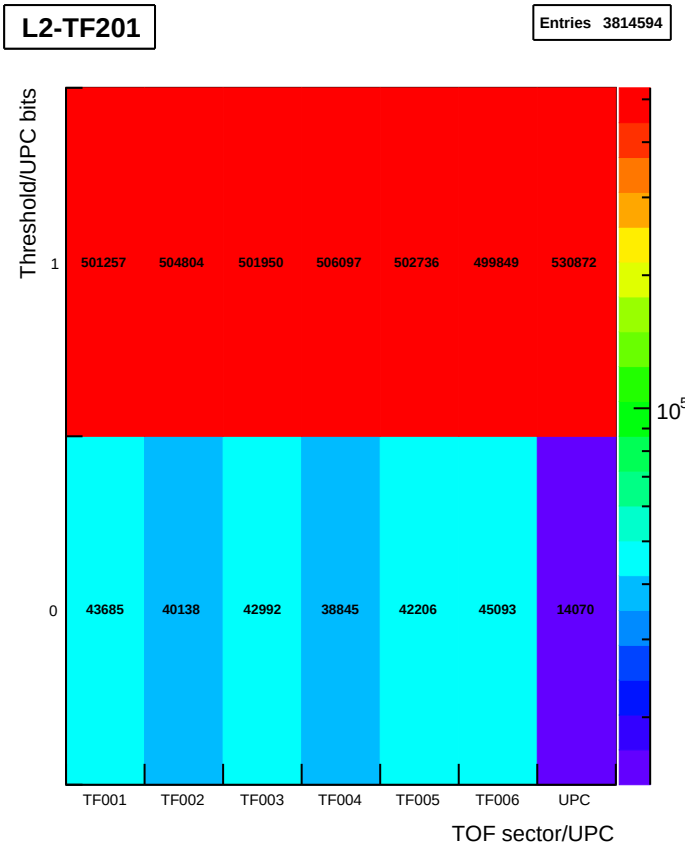

MIX-TF101
Entries 152897
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

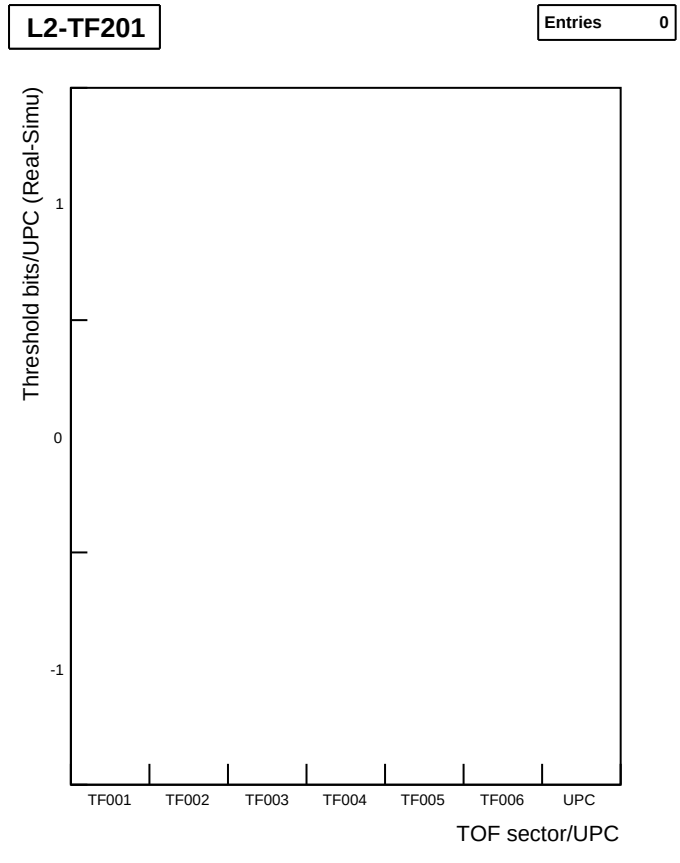

MIX-TF101
Entries 3269652
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

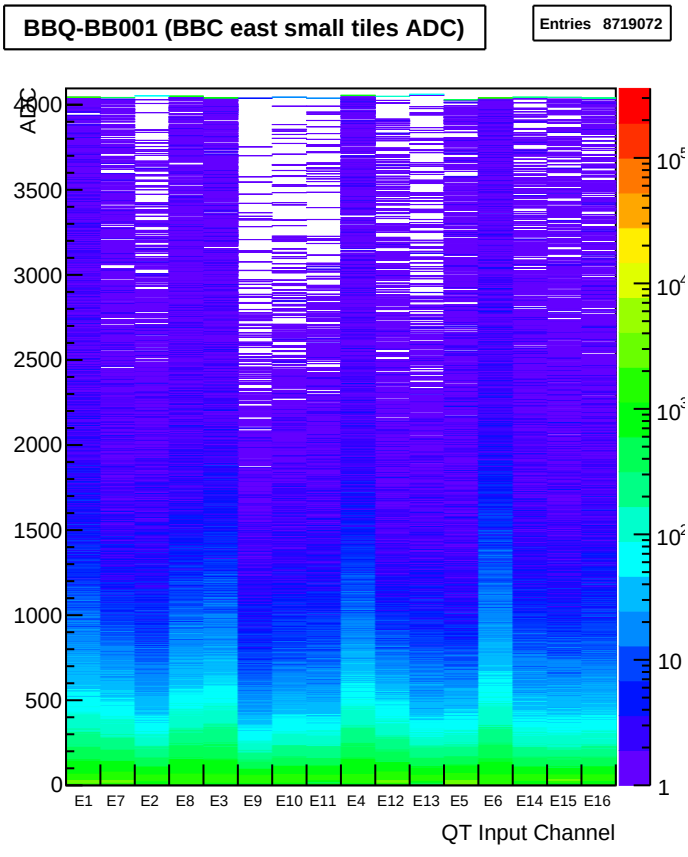

MIX-TF101
Entries 342506
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

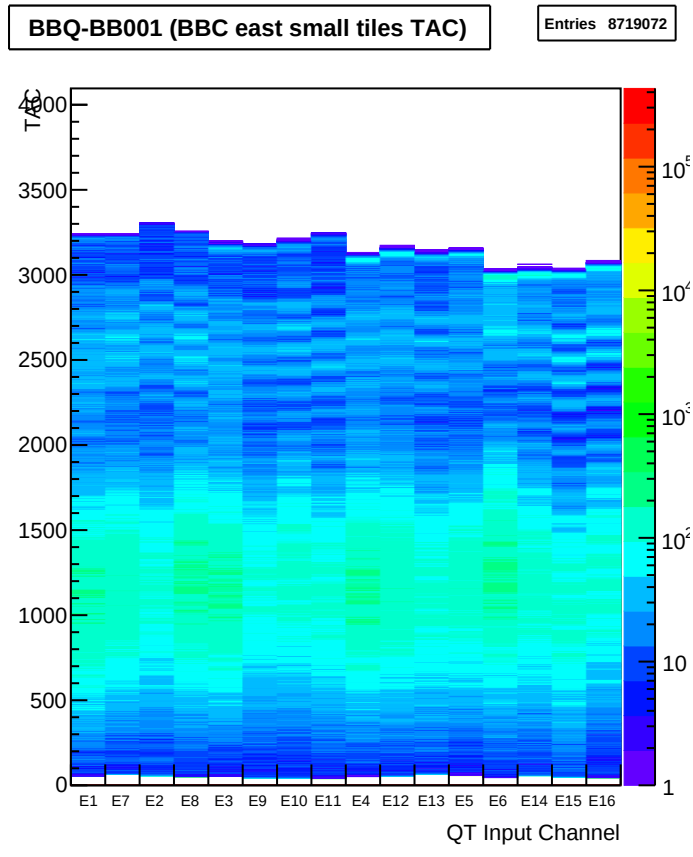

L2-TF201
Entries 544942
TOF total mult

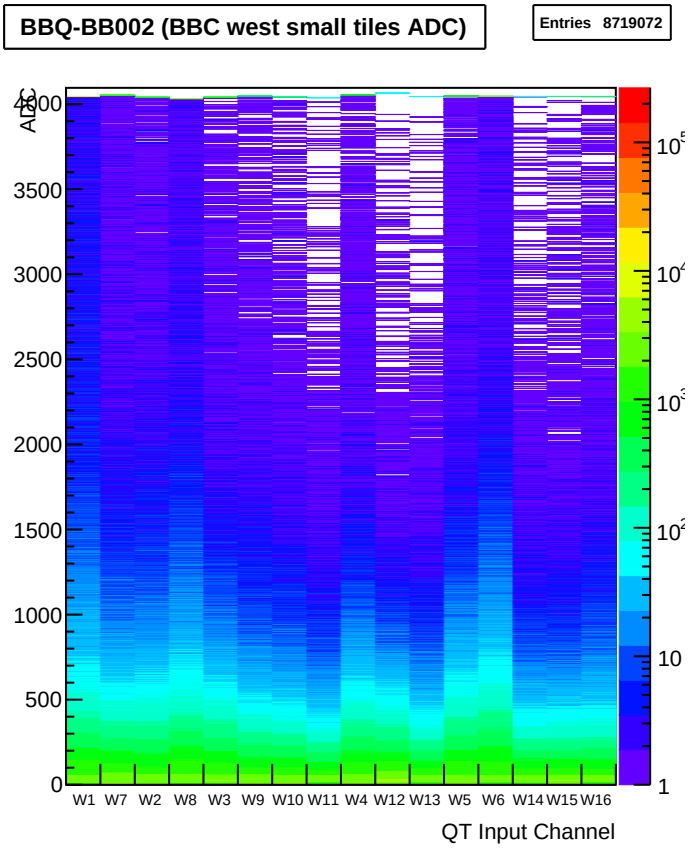

L2-TF201
Entries 0
TOF total mult(Real-Simu)

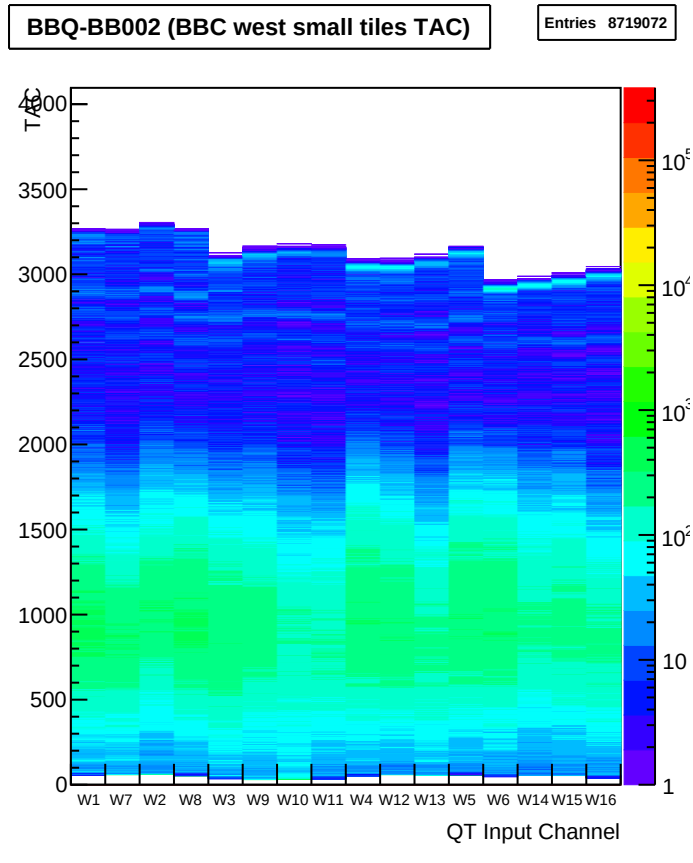

L2-TF201
Entries 3814594
Threshold/UPC bits
501257
504804
501950
506097
502736
499849
530872
43685
40138
42992
38845
42206
45093
14070
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

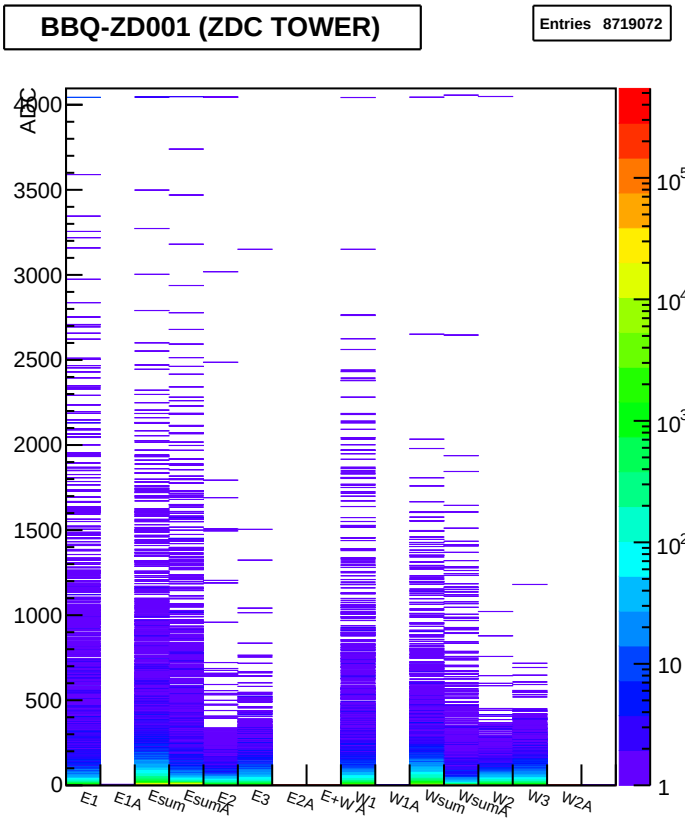

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

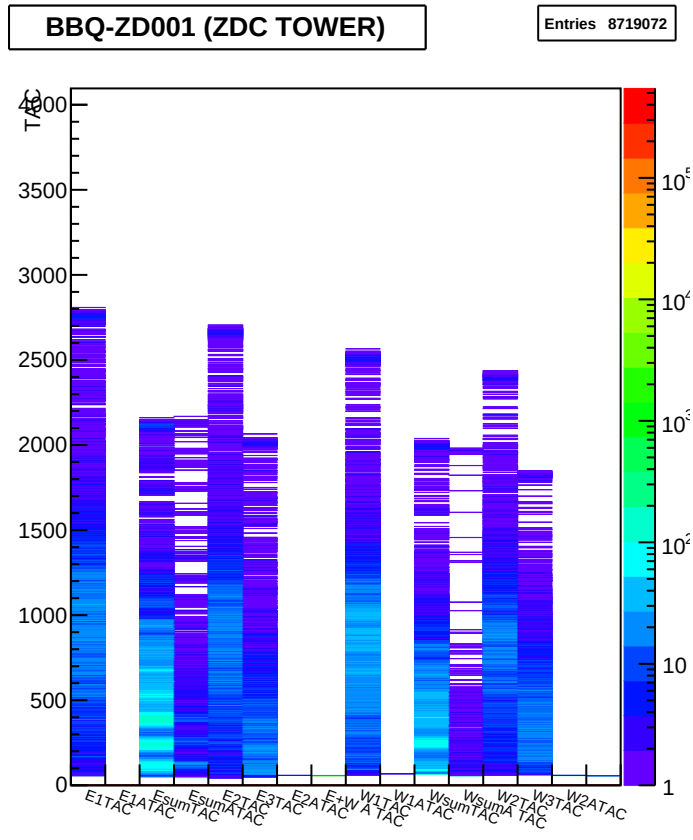

BBQ-BB001 (BBC east small tiles ADC)
Entries 8719072
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

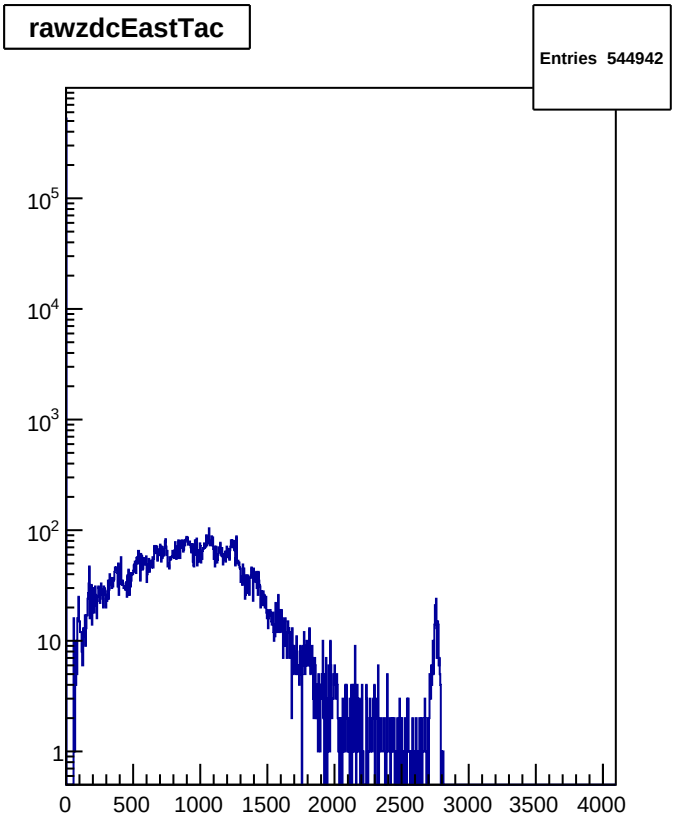

BBQ-BB001 (BBC east small tiles TAC)
Entries 8719072
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

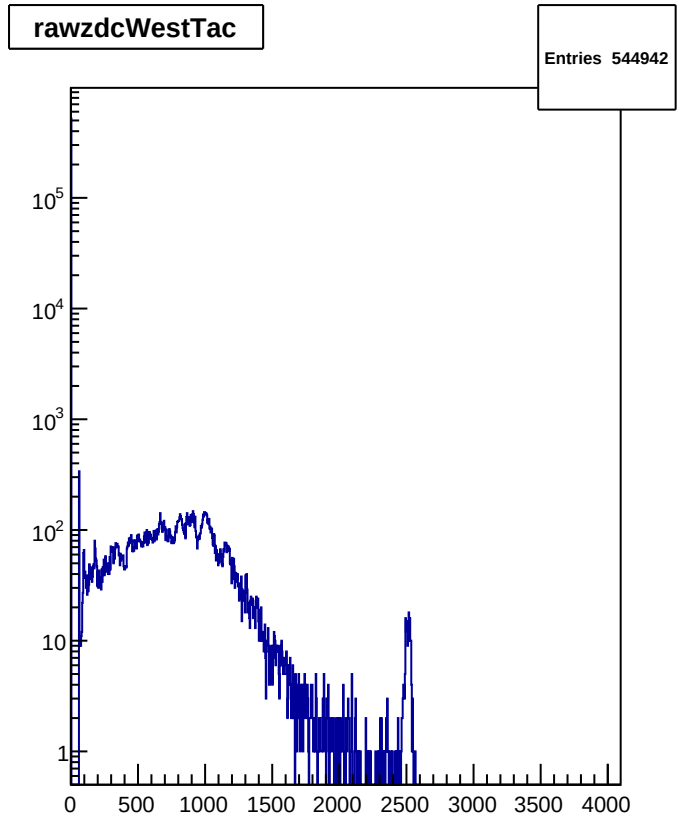

BBQ-BB002 (BBC west small tiles ADC)
Entries 8719072
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

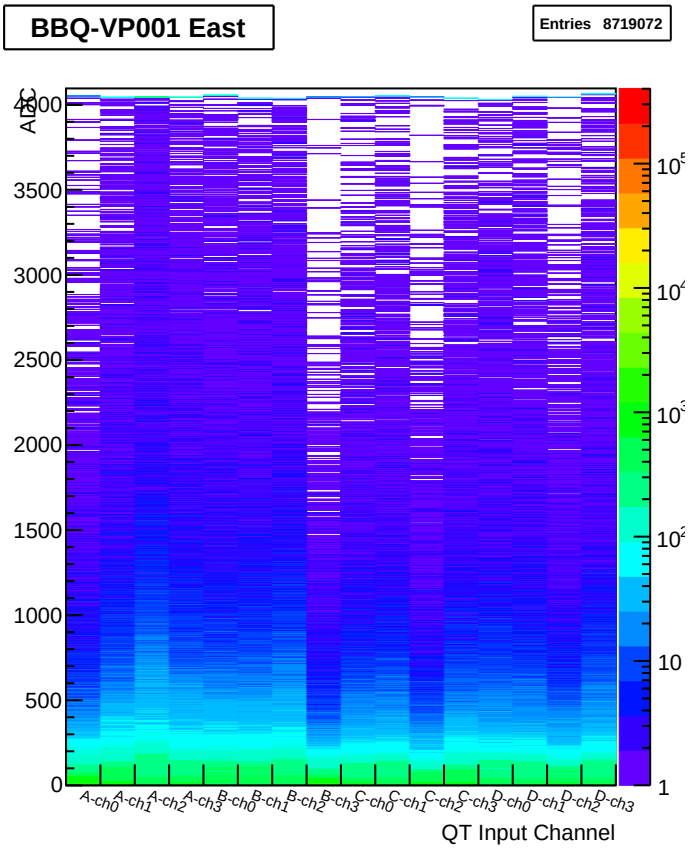

BBQ-BB002 (BBC west small tiles TAC)
Entries 8719072
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

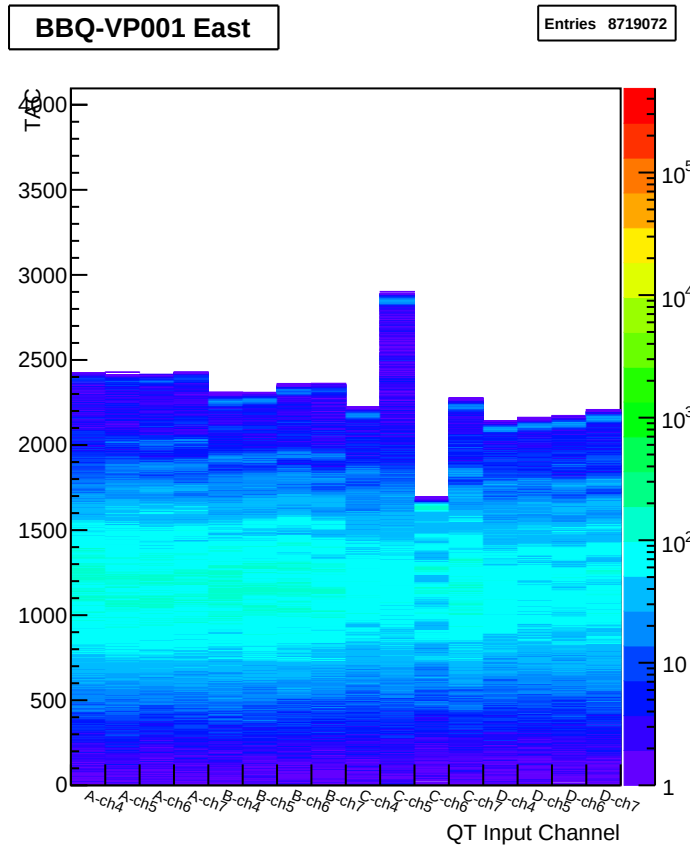

BBQ-ZD001 (ZDC TOWER)
Entries 8719072
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

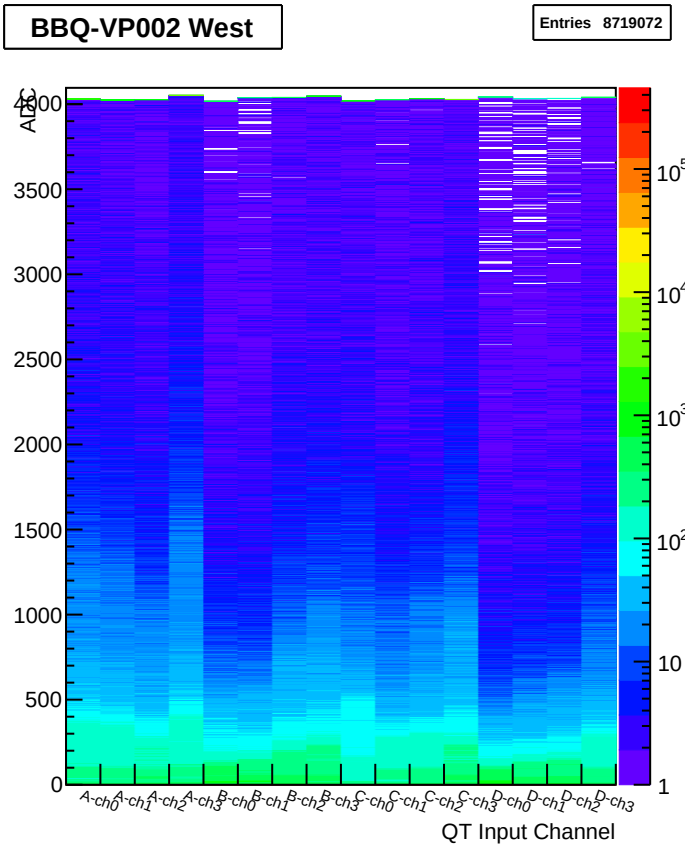

BBQ-ZD001 (ZDC TOWER)
Entries 8719072
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

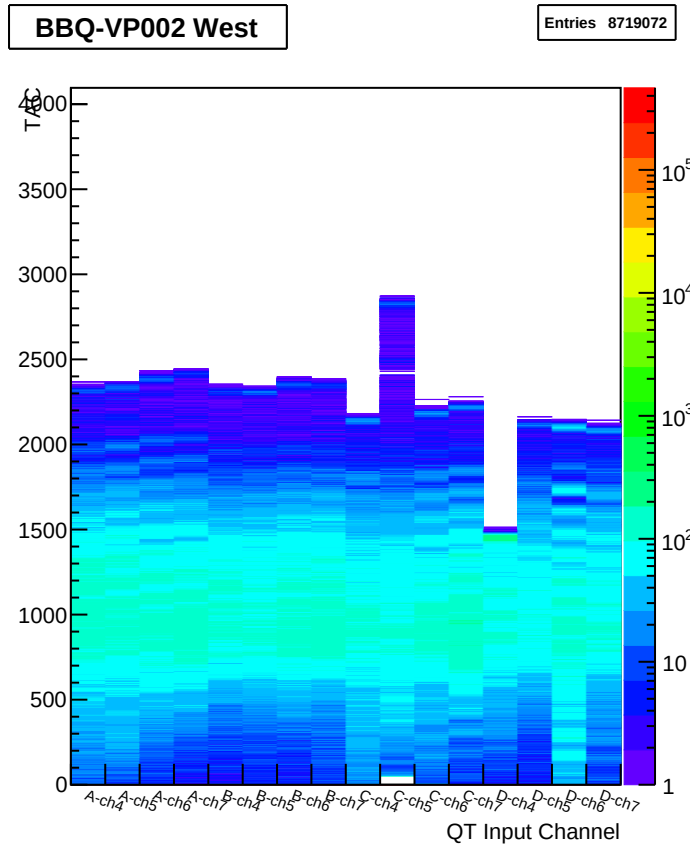

rawzdcEastTac
Entries 544942

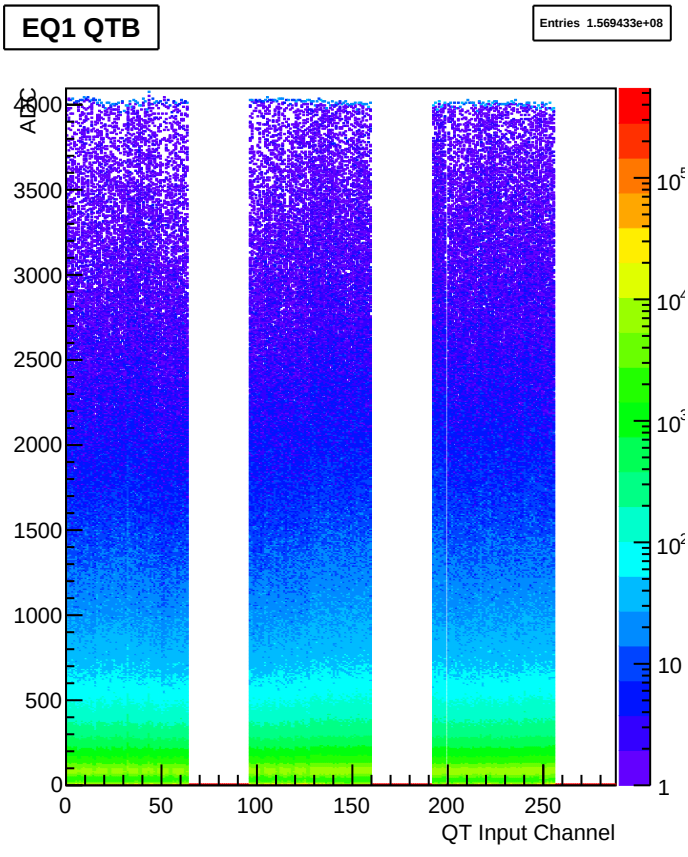

rawzdcWestTac
Entries 544942

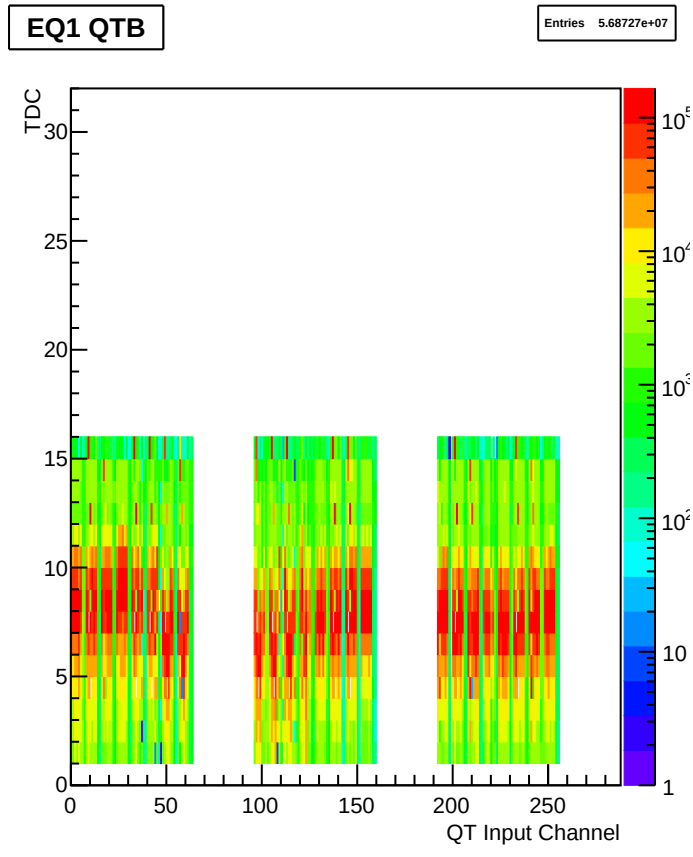

BBQ-VP001 East
Entries 8719072
ADC
QT Input Channel

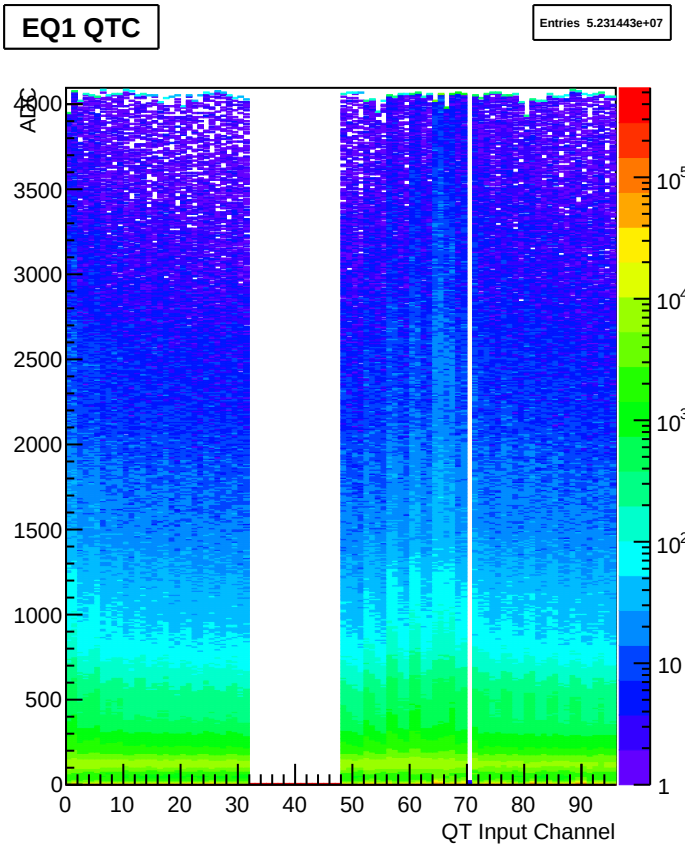

BBQ-VP001 East
Entries 8719072
TADC
QT Input Channel

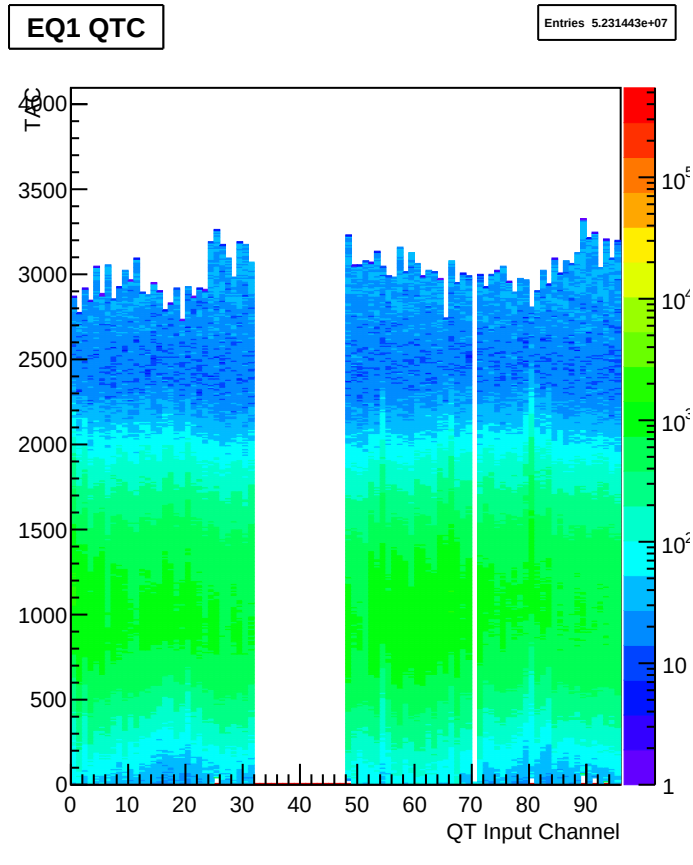

BBQ-VP002 West
Entries 8719072
ADC
QT Input Channel

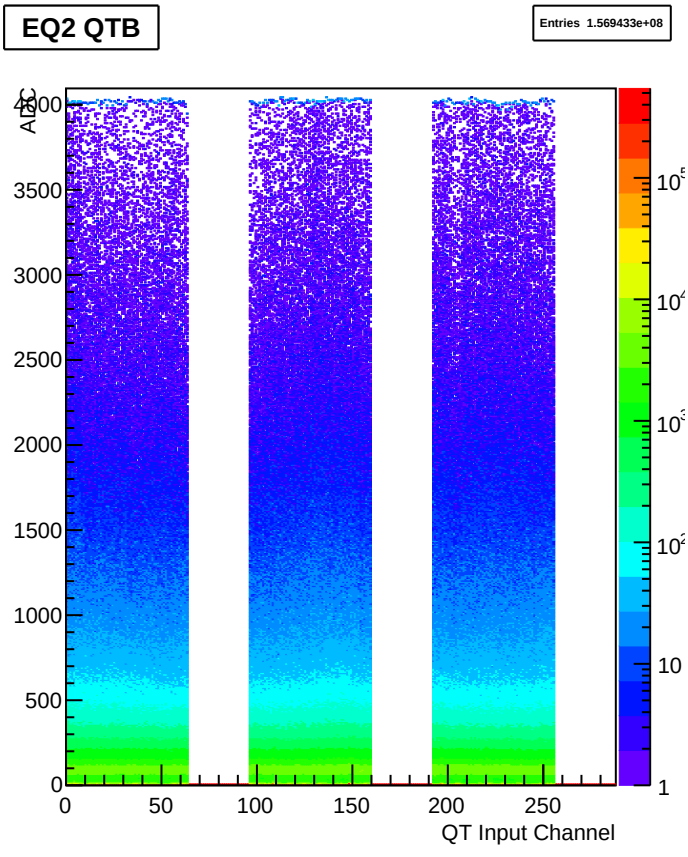

BBQ-VP002 West
Entries 8719072
TADC
QT Input Channel

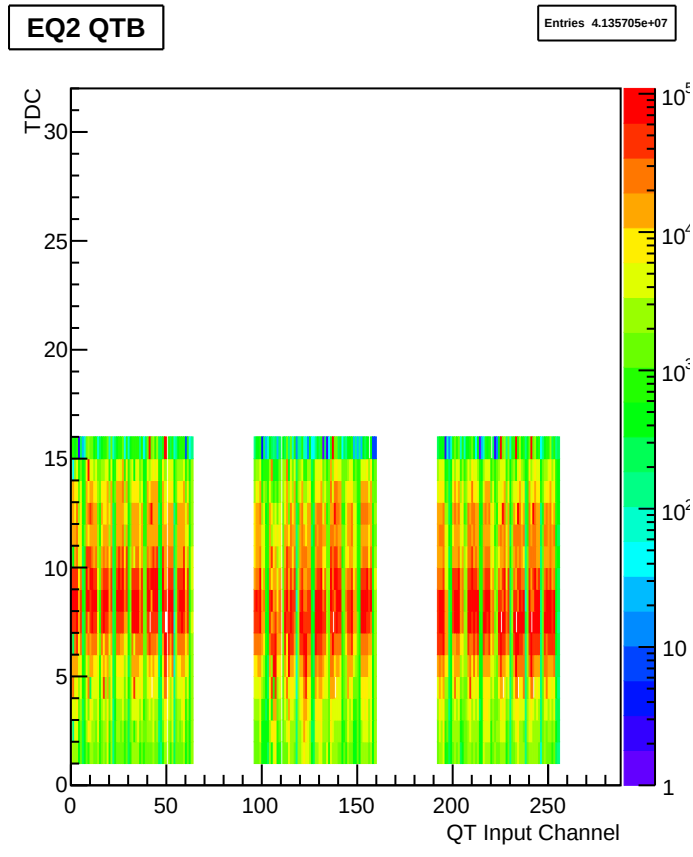

EQ1 QTB
Entries 1.569433e+08
ADC
QT Input Channel

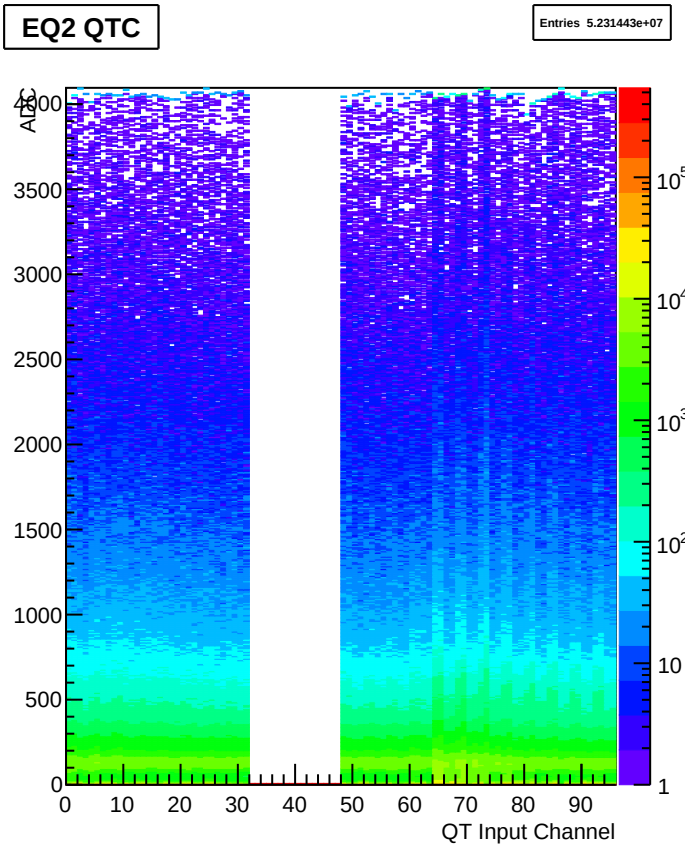

EQ1 QTB
Entries 5.68727e+07
TDC
QT Input Channel

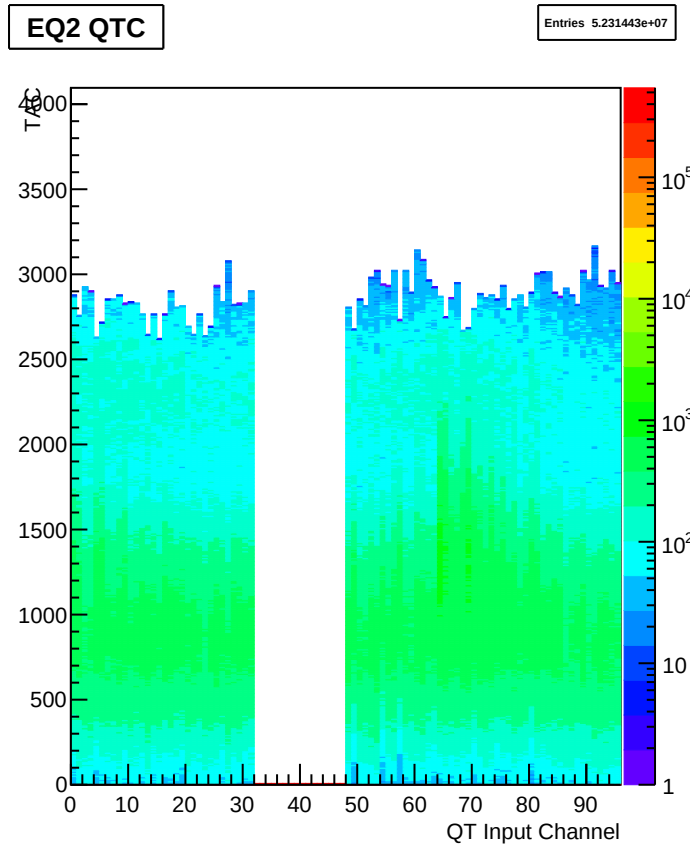

EQ1 QTC
Entries 5.231443e+07
ADC
QT Input Channel

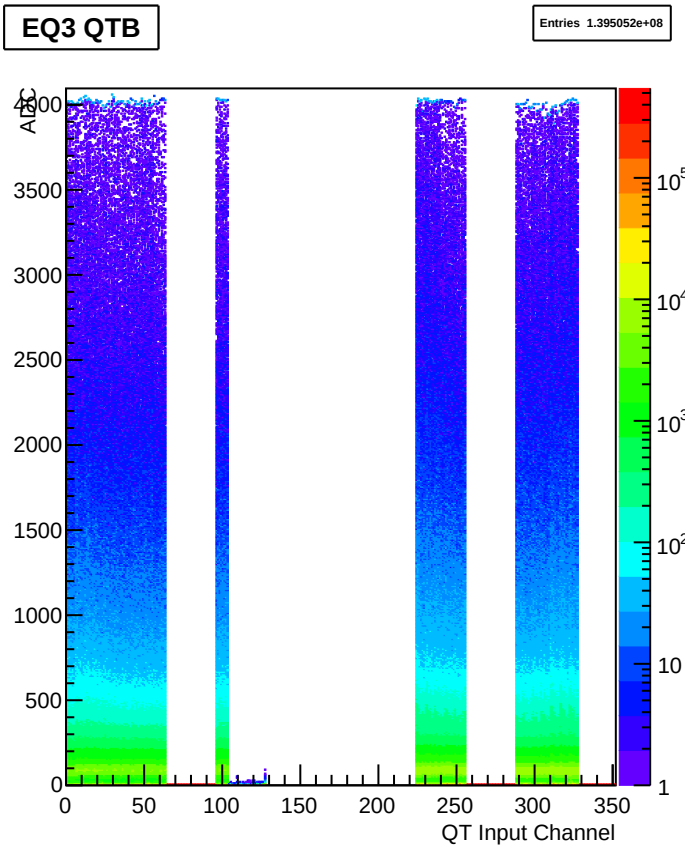

EQ1 QTC
Entries 5.231443e+07
TADC
QT Input Channel

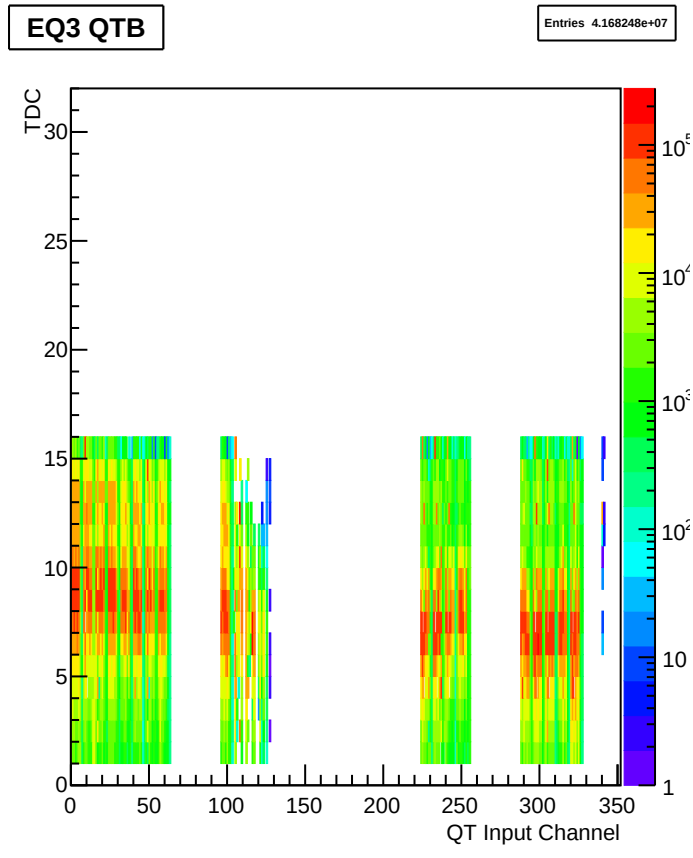

EQ2 QTB
Entries 1.569433e+08
ADC
QT Input Channel

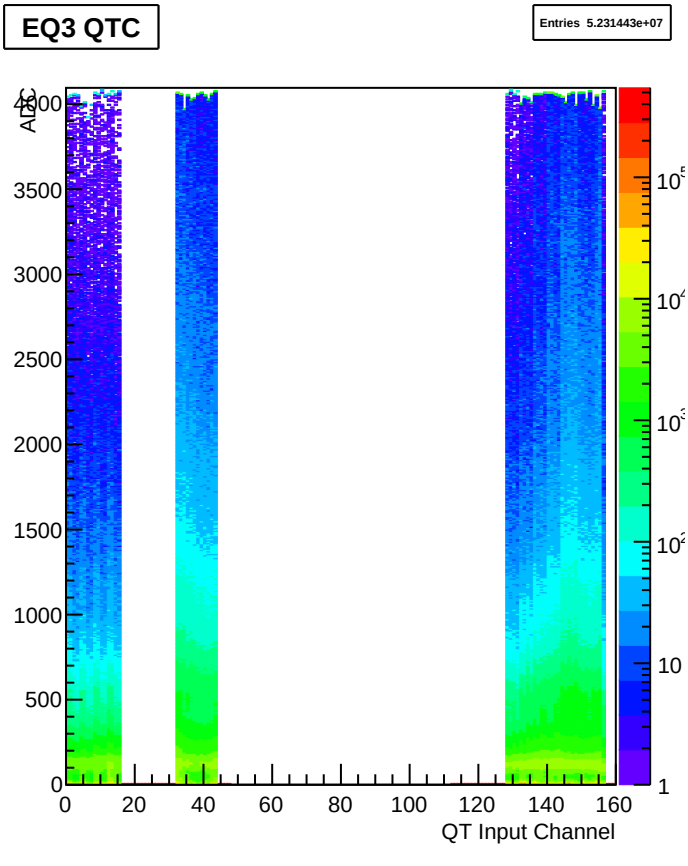

EQ2 QTB
Entries 4.135705e+07
TDC
QT Input Channel

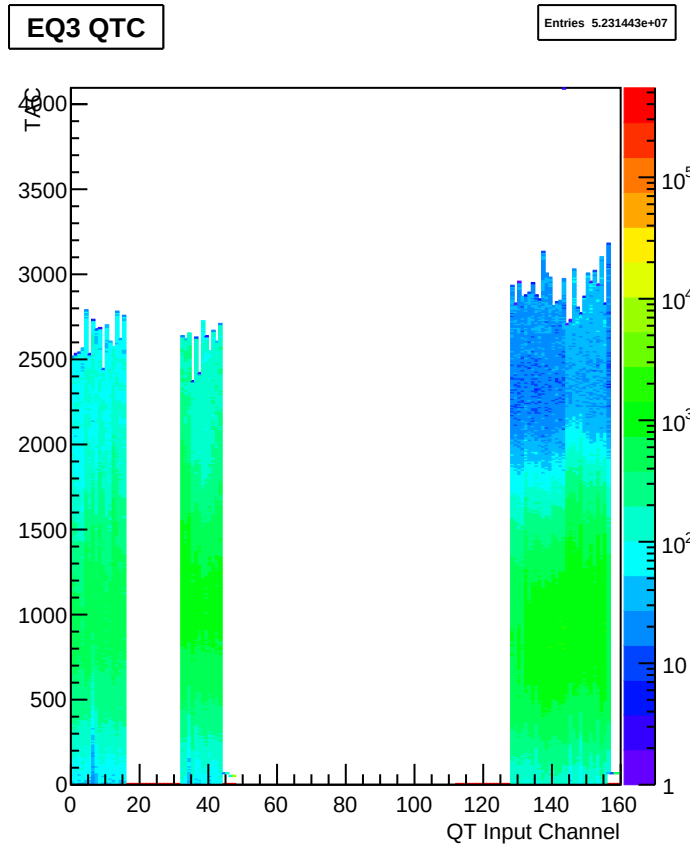

EQ2 QTC
Entries 5.231443e+07
ADC
QT Input Channel

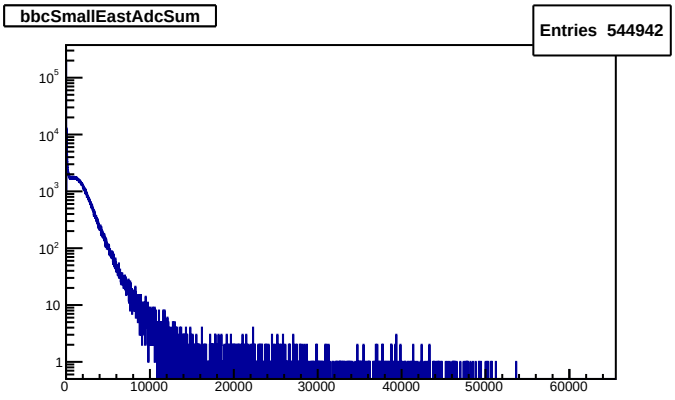

EQ2 QTC
Entries 5.231443e+07
TADC
QT Input Channel

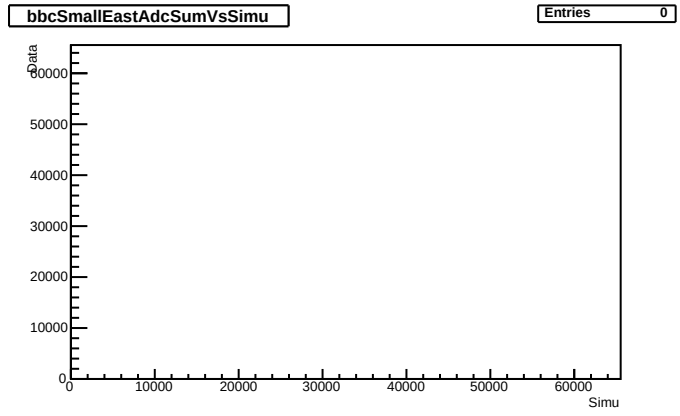

EQ3 QTB
Entries 1.395052e+08
ADC
QT Input Channel

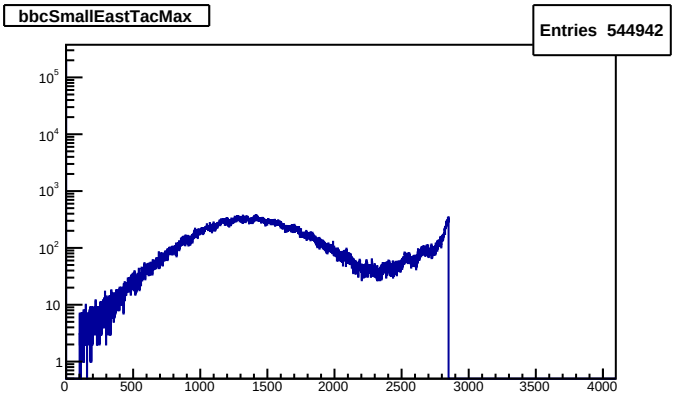

EQ3 QTB
Entries 4.168248e+07
TDC
QT Input Channel


EQ3 QTC
Entries 5.231443e+07
ADC
QT Input Channel


EQ3 QTC
Entries 5.231443e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 544942


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu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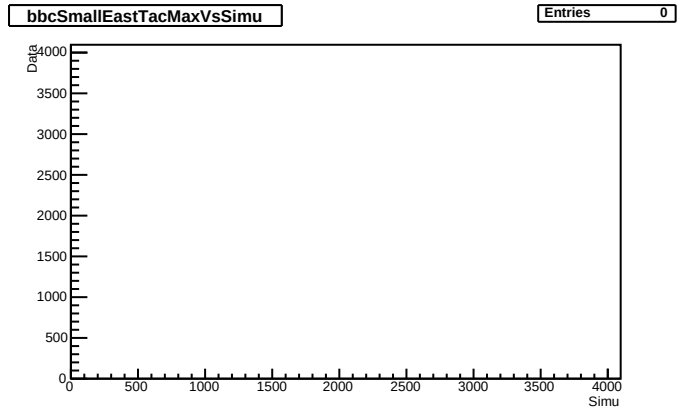
Entries 544942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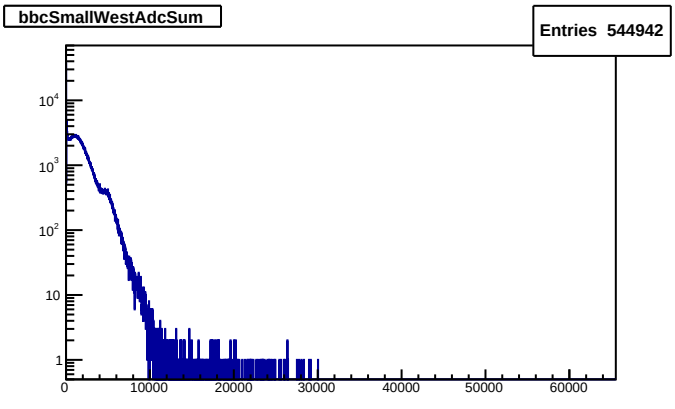
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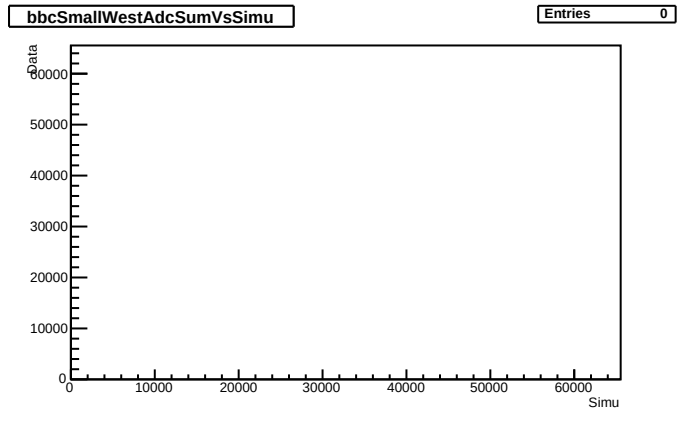
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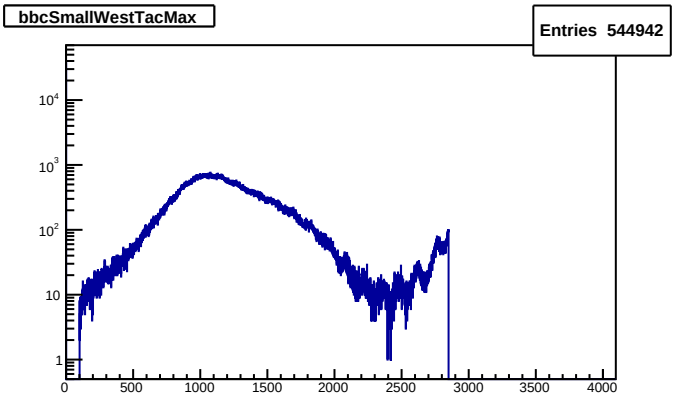
Simu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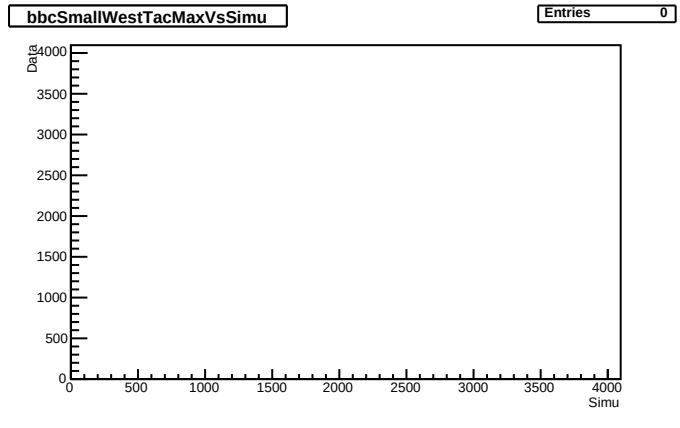
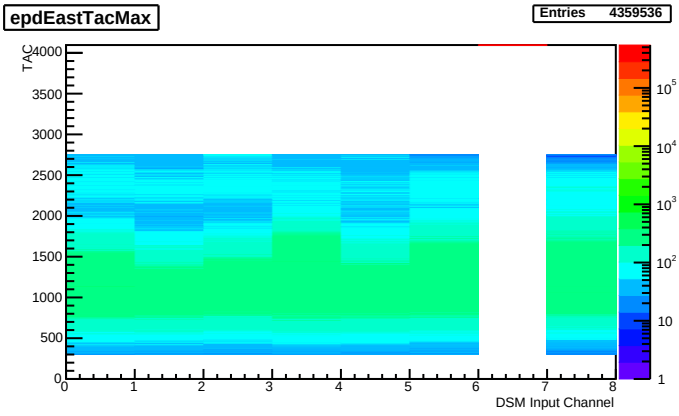

bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu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Entries 4359536
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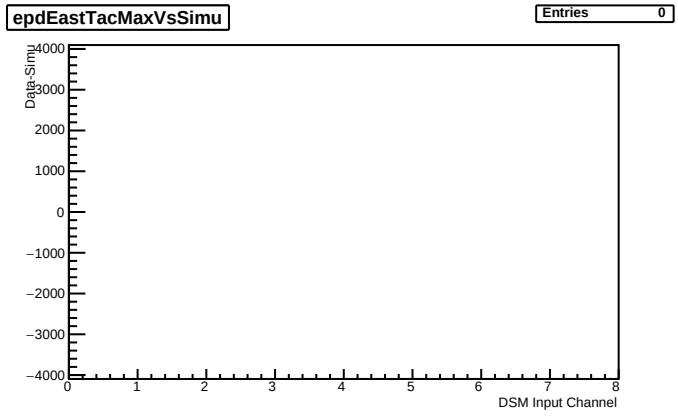
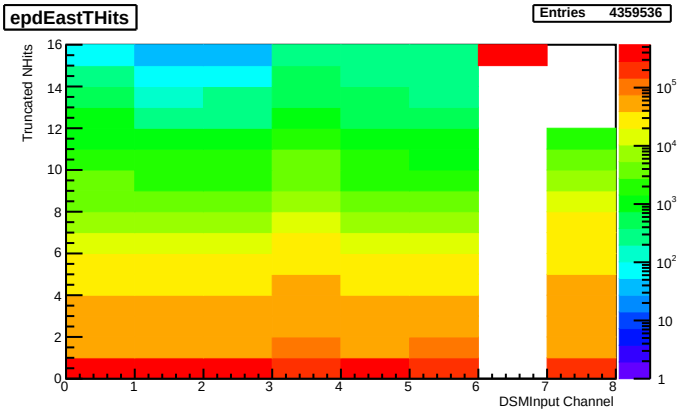
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel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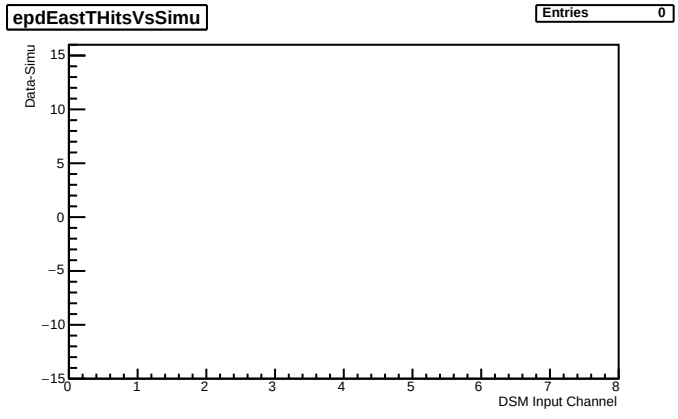
Entries 4359536
Truncated NHits
DSMInput Channel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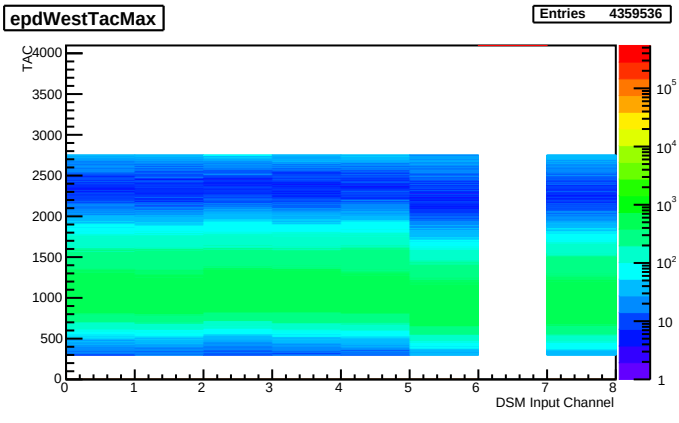
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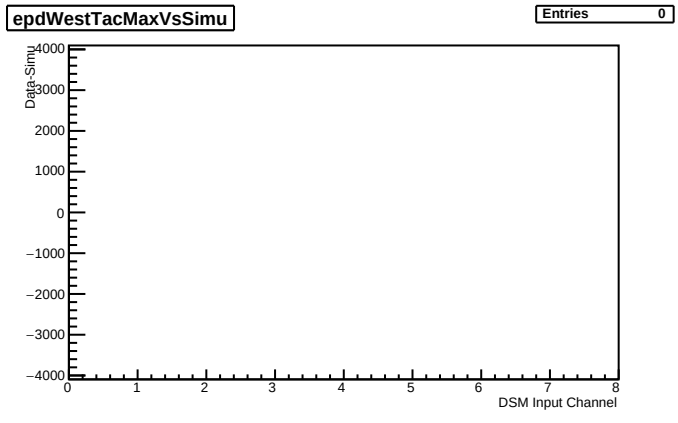
DSM Input Channel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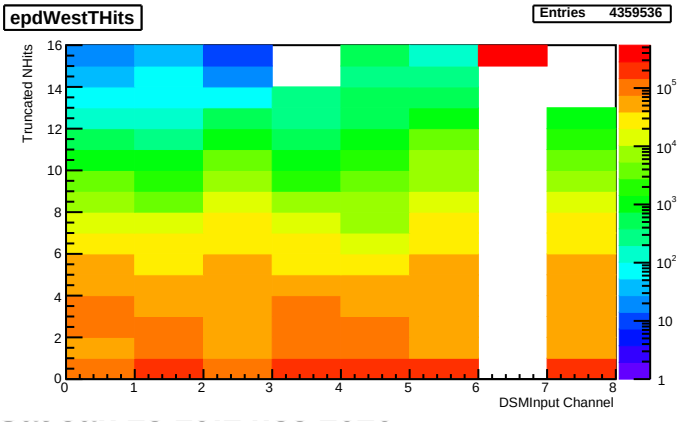
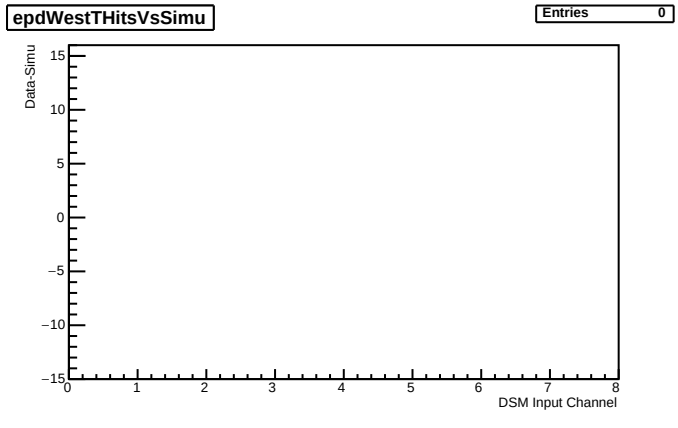
DSM Input Channel


epdWestTHits
Entries 4359536
Truncated NHits
DSMInput Channel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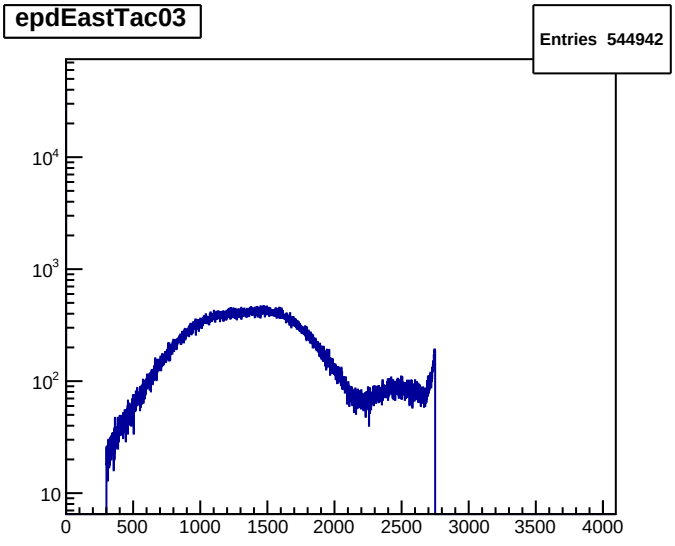
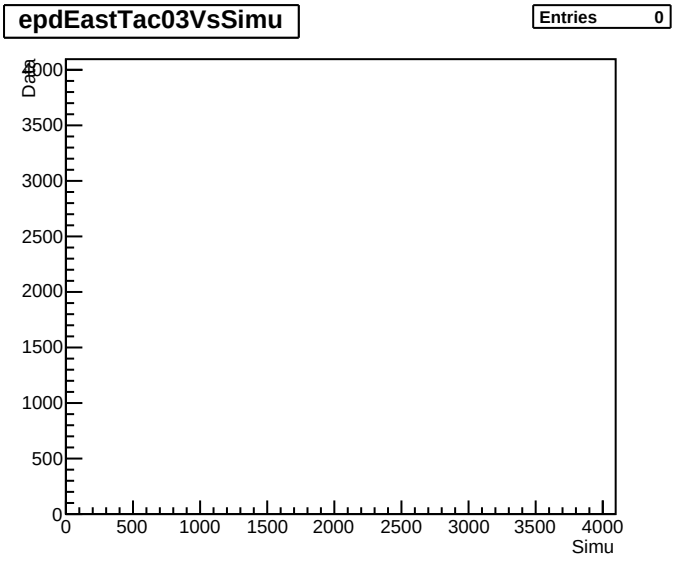
Data-Simu
DSM Input Channel


epdEastTac03
Entries 544942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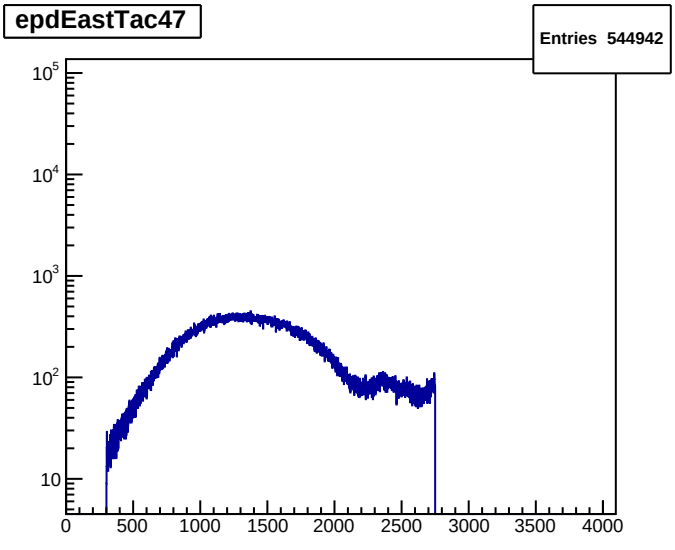
Entries 0
Data
Simu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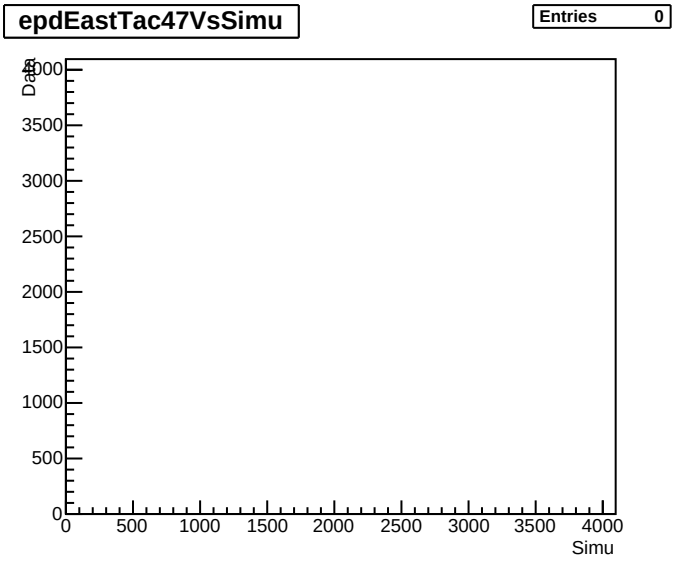
Entries 544942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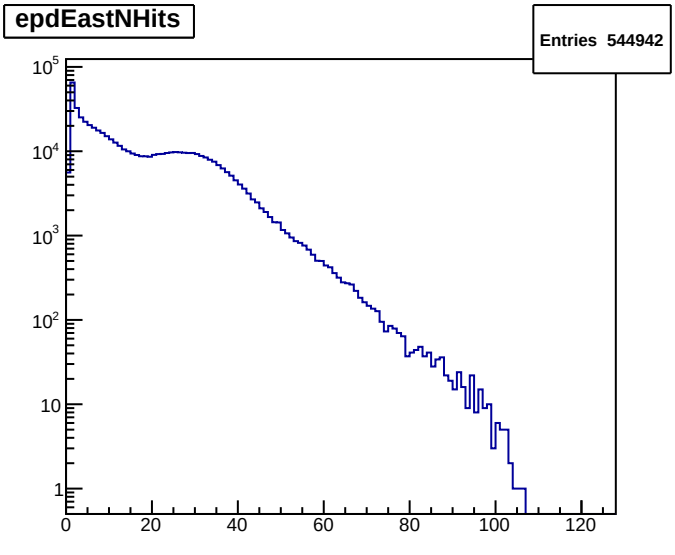
Entries 0
Data
Simu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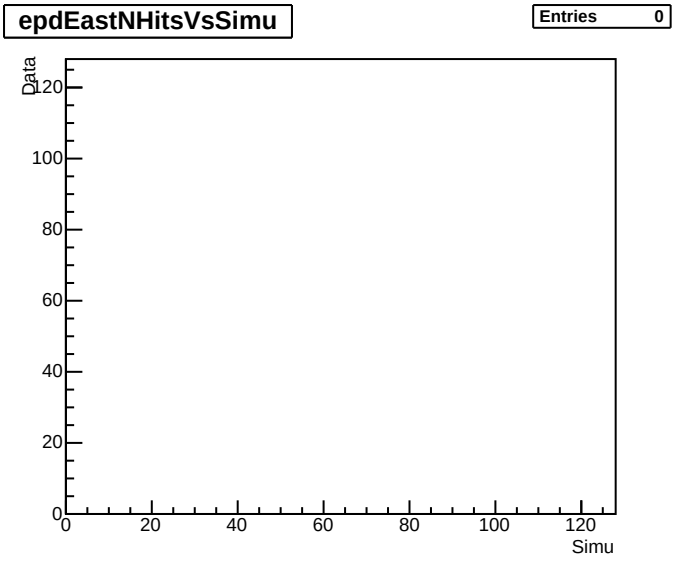
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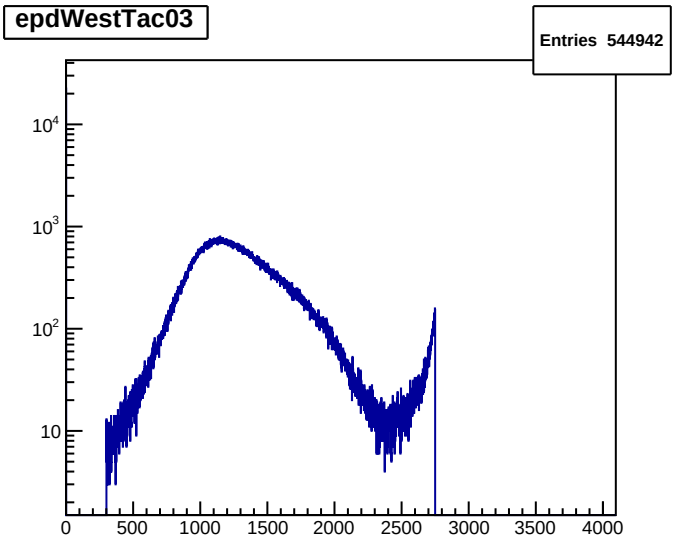
Data
Simu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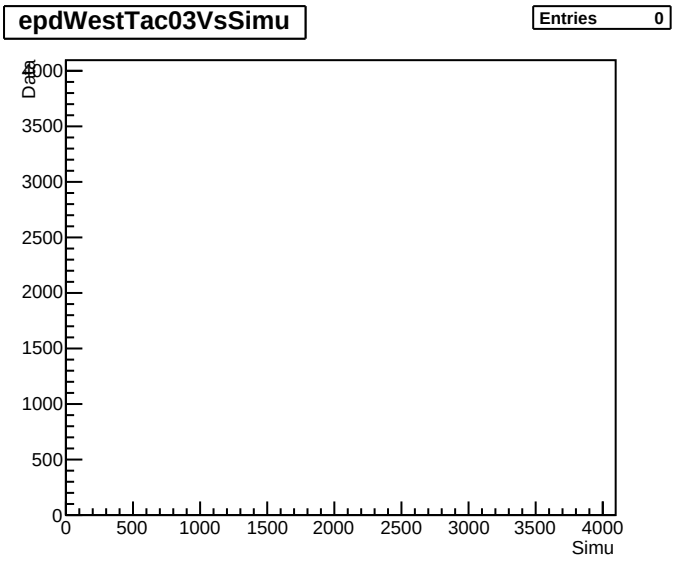
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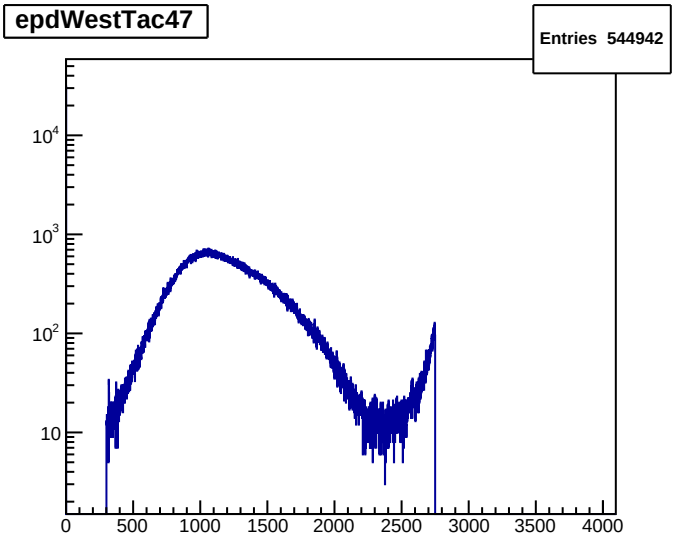
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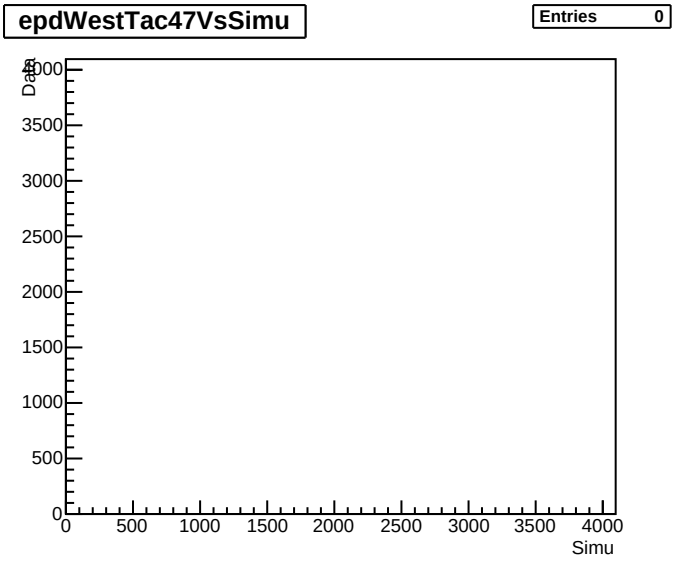
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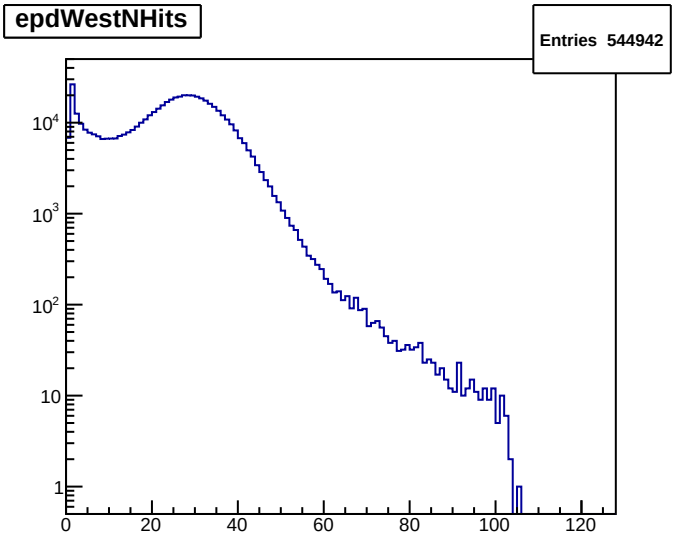
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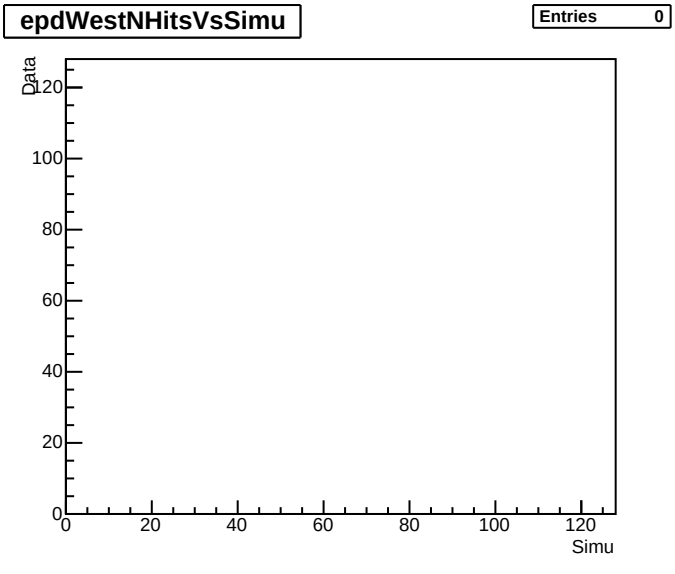
Entries 544942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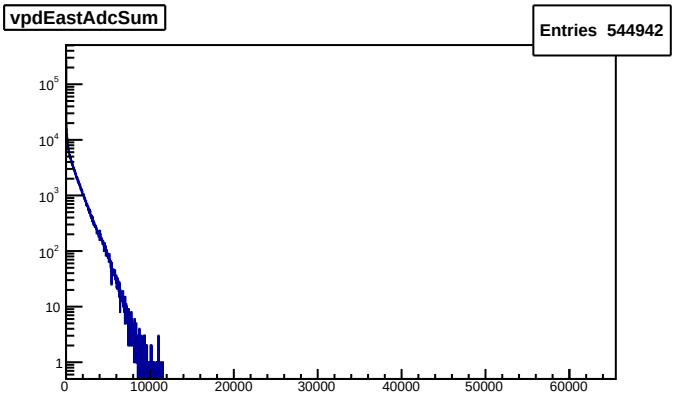
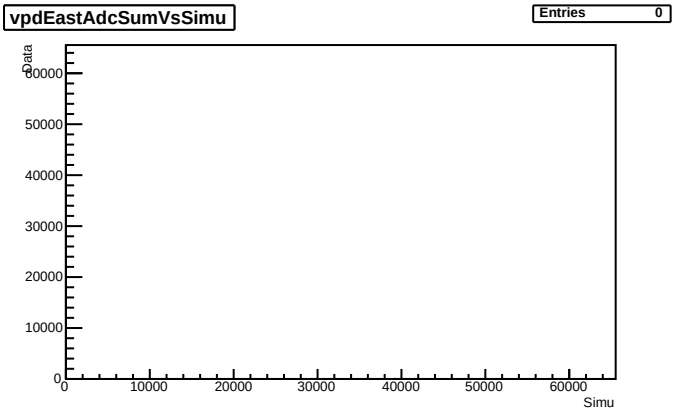
Entries 0
Data
Simu


vpdEastAdcSum
Entries 544942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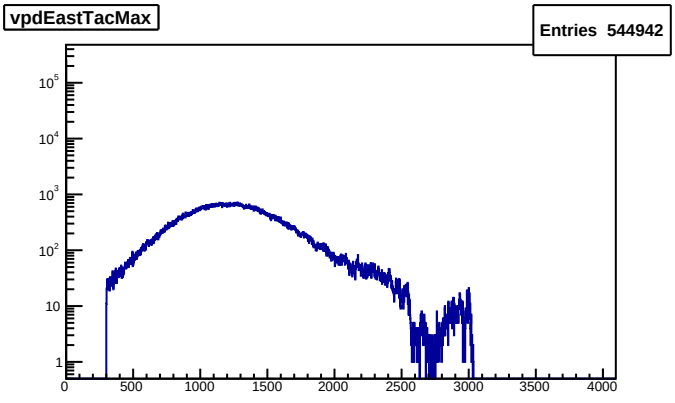
Entries 0
Data
Simu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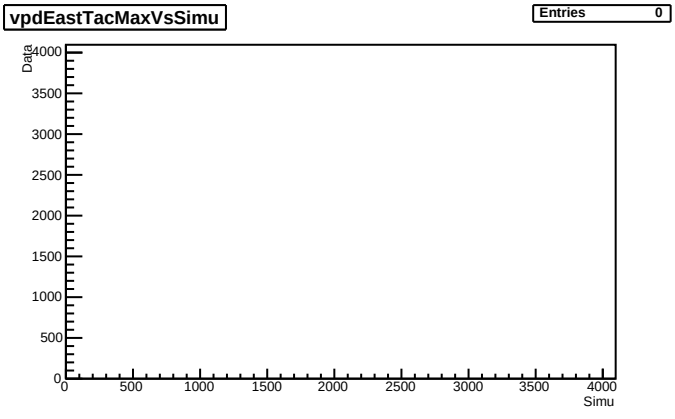
Entries 544942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Entries 0
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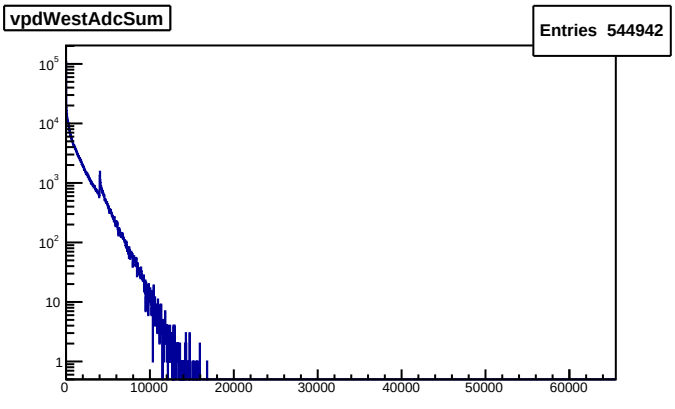
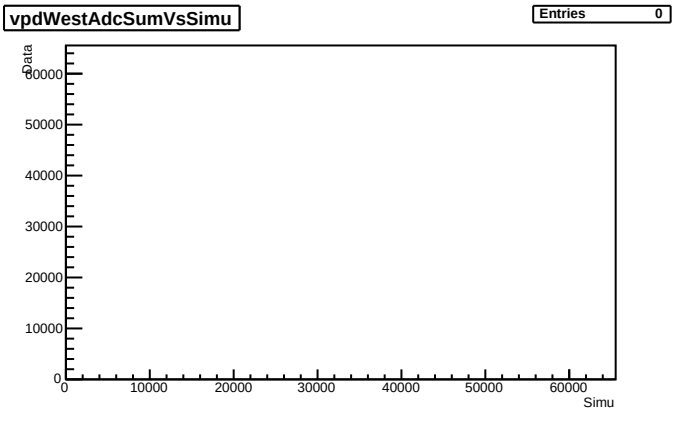

vpdWestAdcSum
Entries 544942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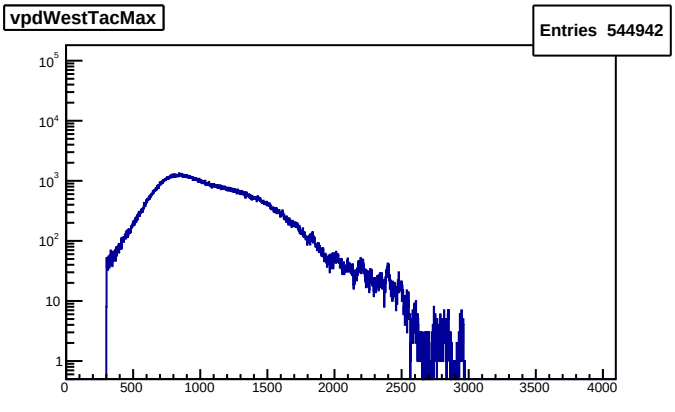
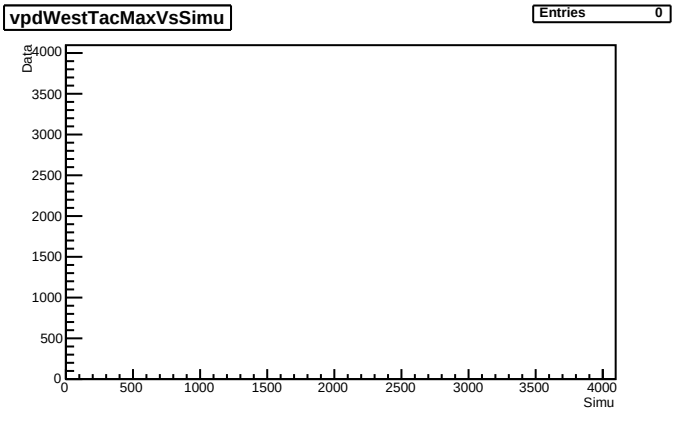
Entries 0
Data
Simu


vpdWestTacMax
Entries 544942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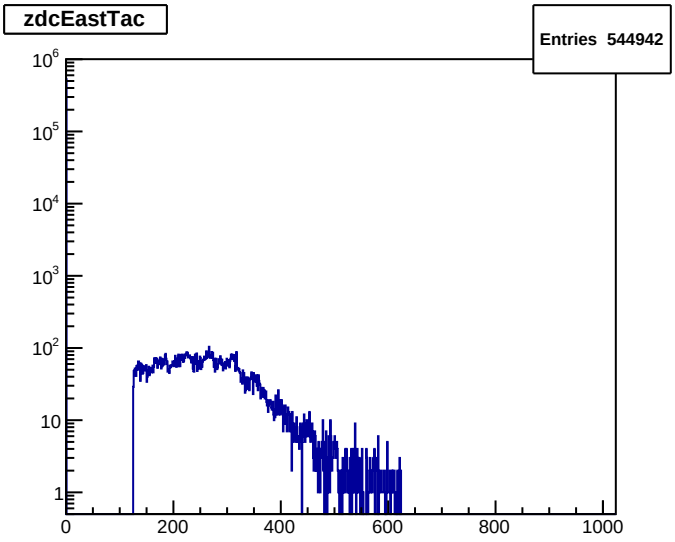
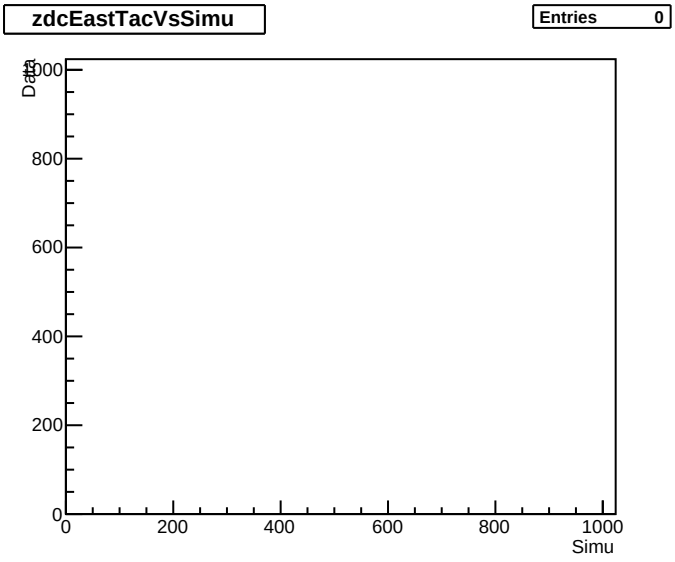
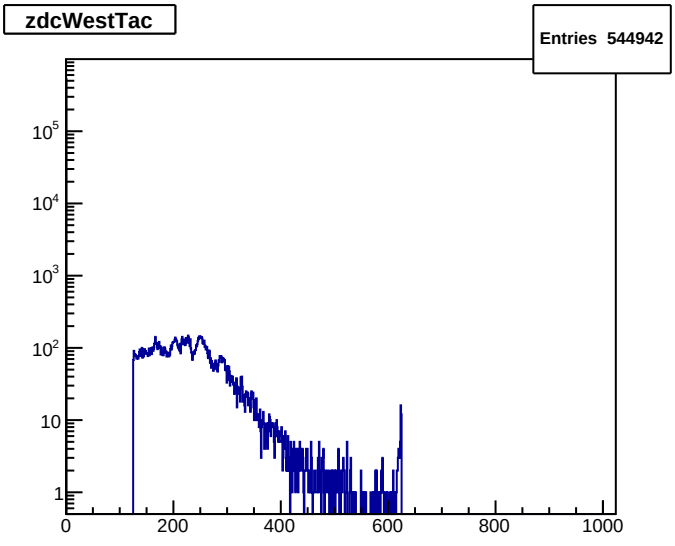
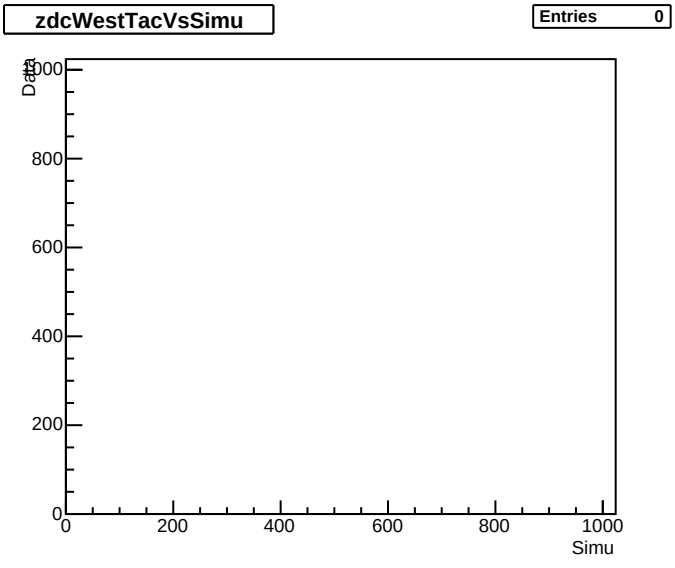
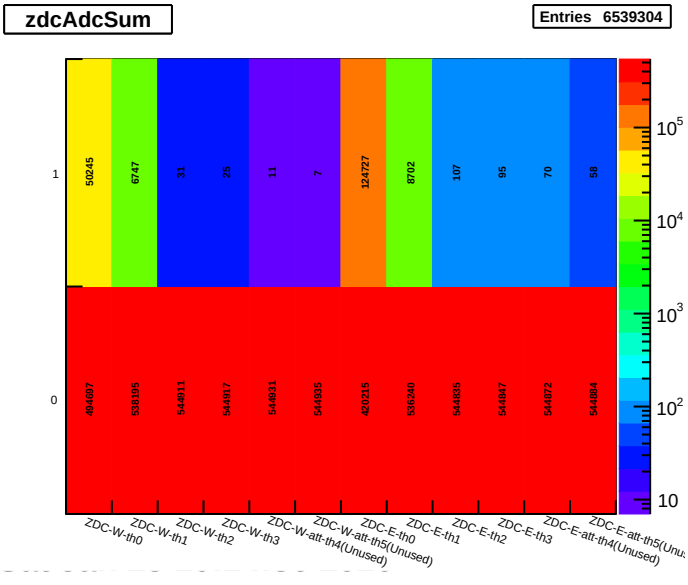
Entries 0
Data
Simu


zdcEastTac
Entries 544942


zdcEastTacVsSimu
Entries 0
Data
Simu


zdcWestTac
Entries 544942


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 6539304
50245
6747
31
25
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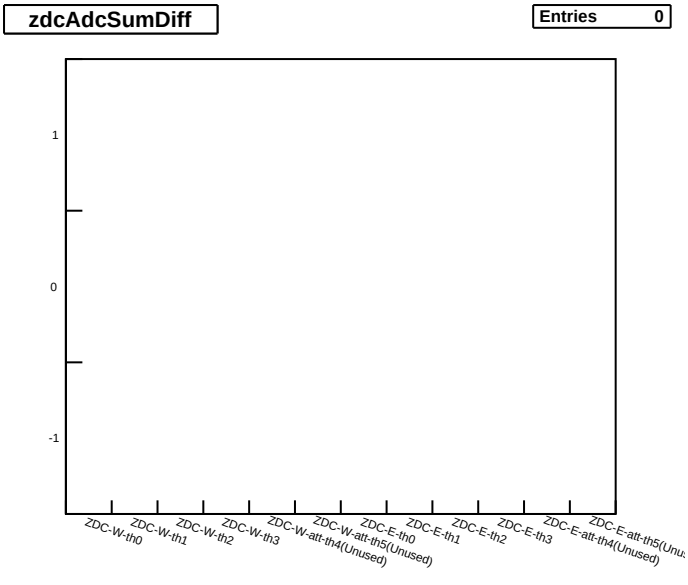
7
124727
8702
107
95
70
58
494697
538195
544811
544917
544931
544935
420215
536240
544835
544847
544872
544884
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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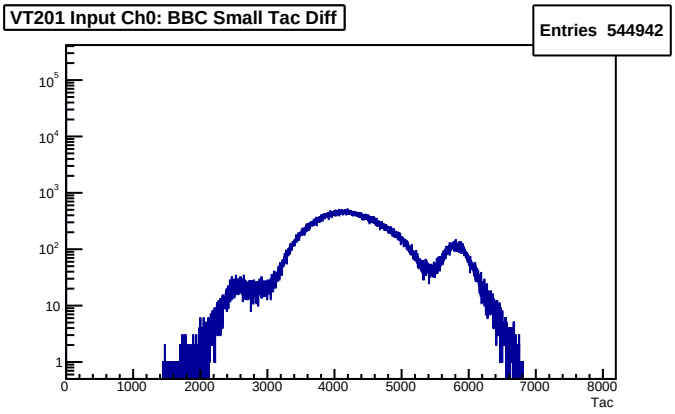
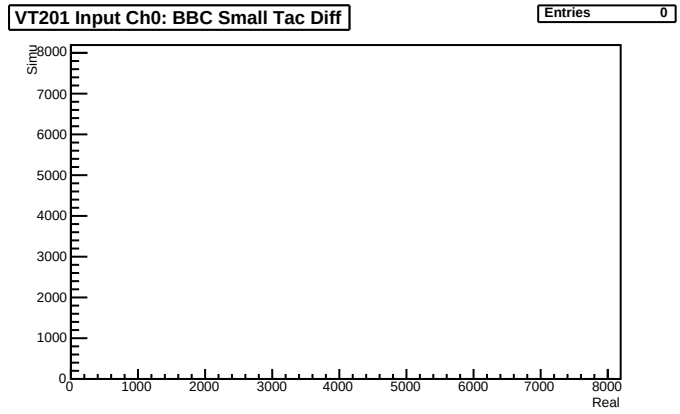
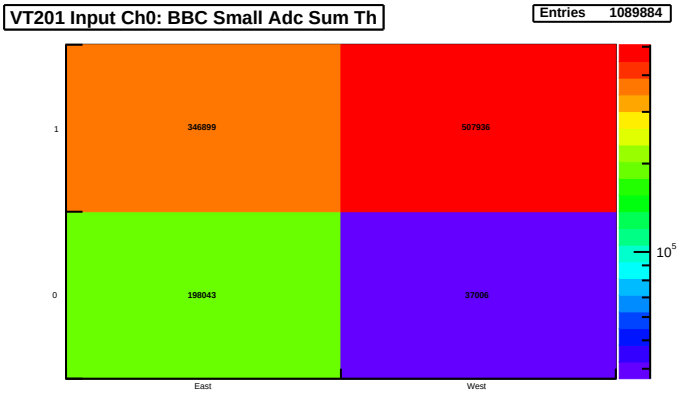
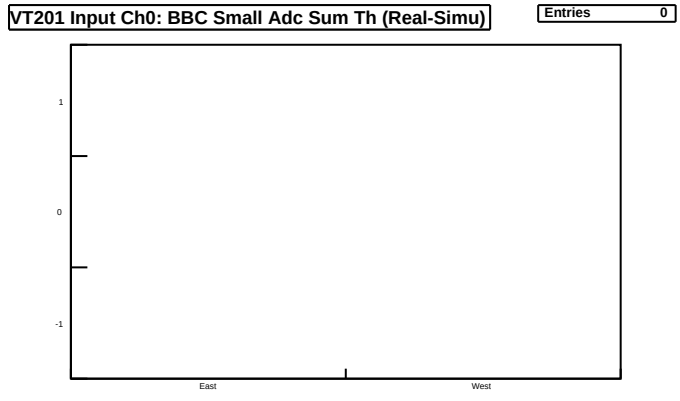
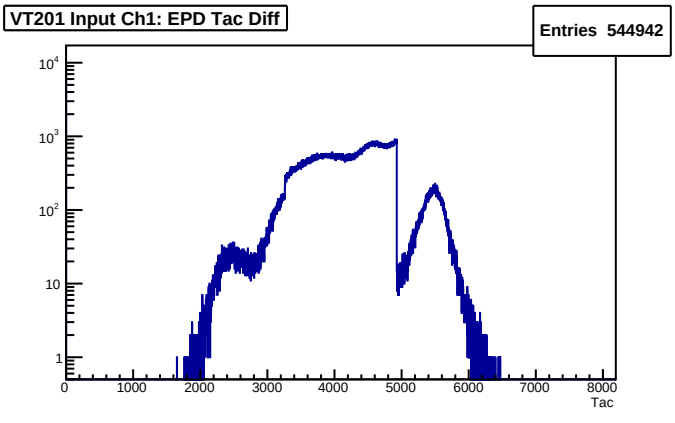
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

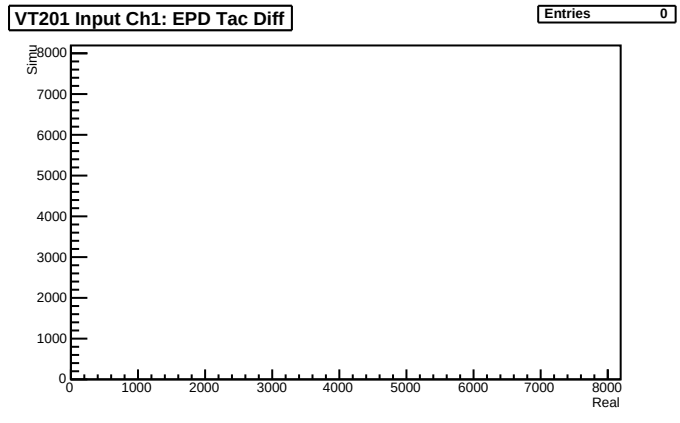

VT201 Input Ch0: BBC Small Tac Diff
Entries 544942
Tac

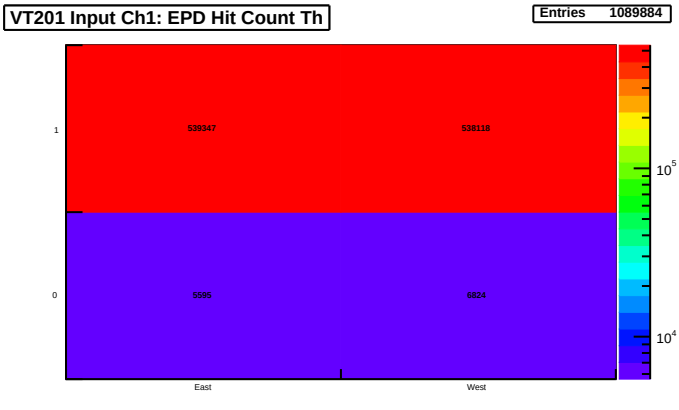

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

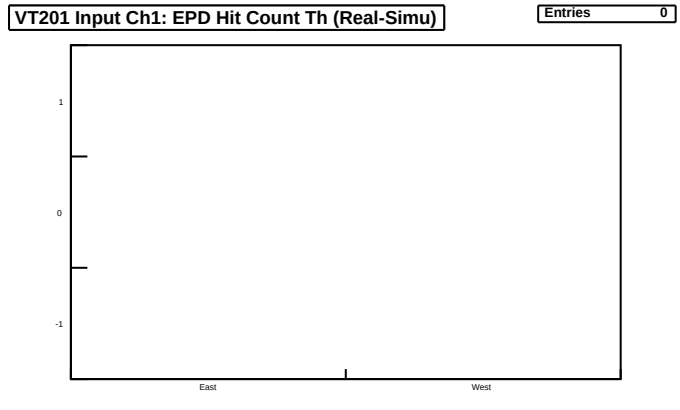

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1089884
346899
507936
198043
37006
East
West

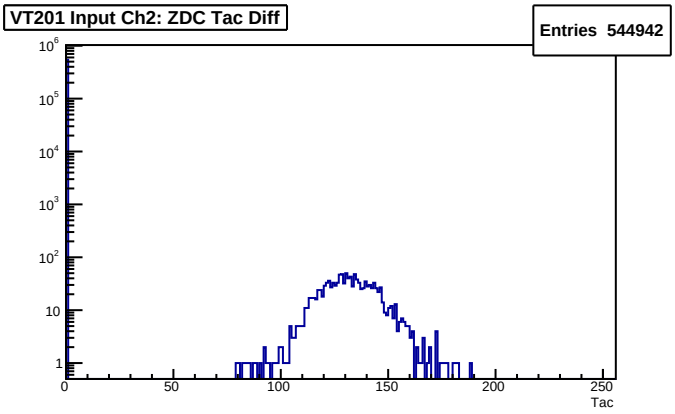

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

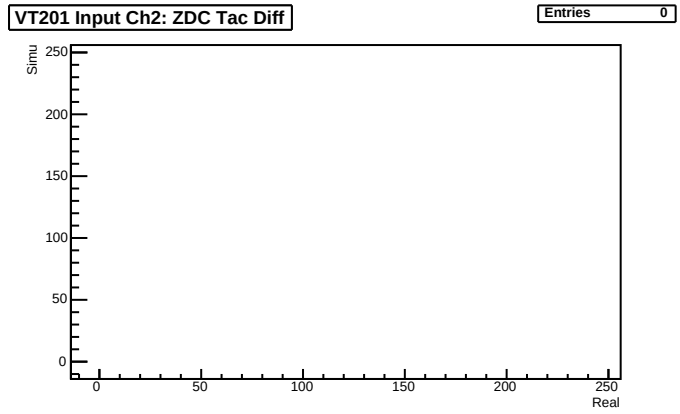

VT201 Input Ch1: EPD Tac Diff
Entries 544942
Tac

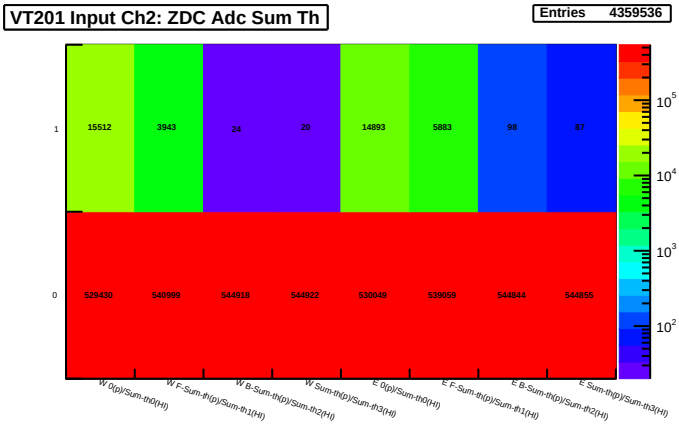

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

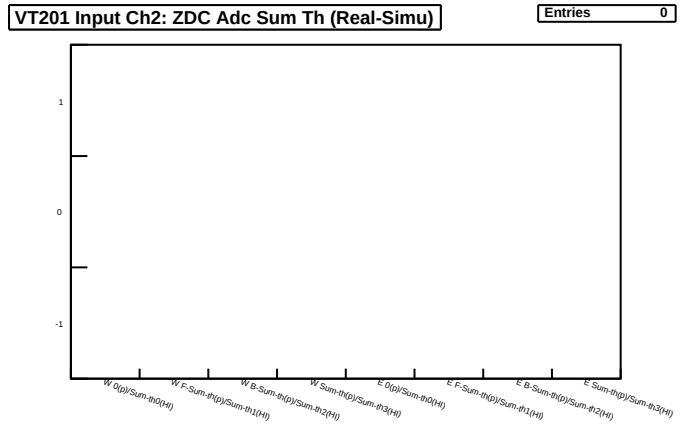

VT201 Input Ch1: EPD Hit Count Th
Entries 1089884
539347
538118
5595
6824
East
West

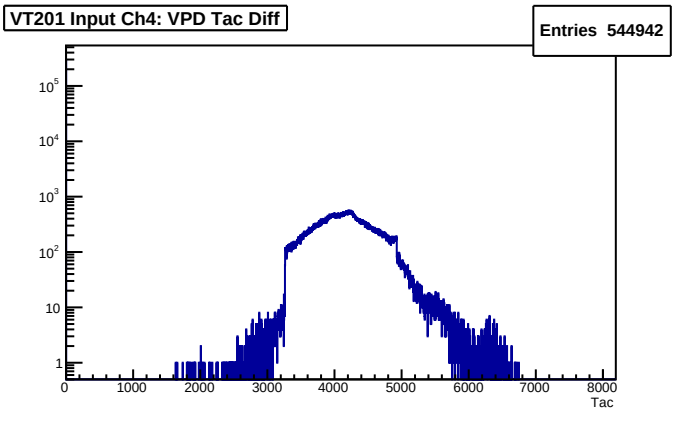

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

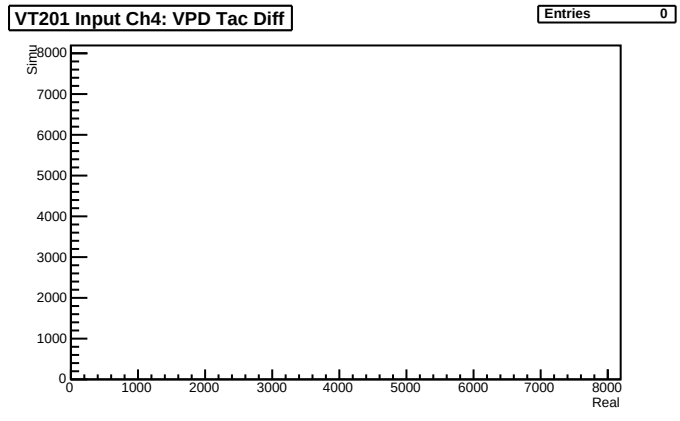

VT201 Input Ch2: ZDC Tac Diff
Entries 544942
Tac

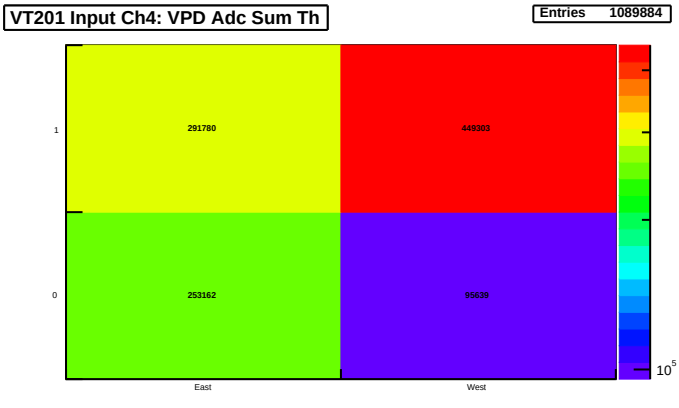

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

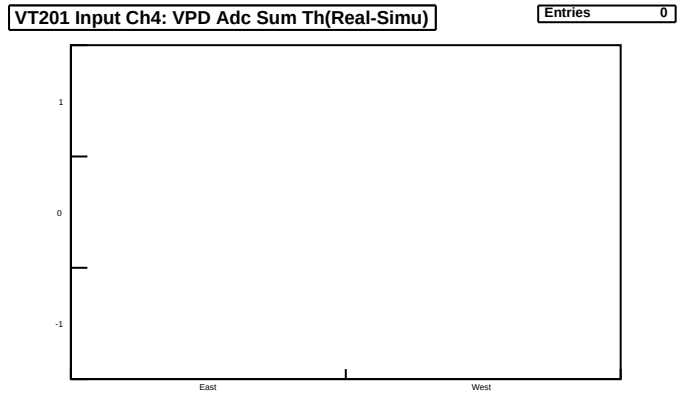

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4359536
15512
3943
24
20
14893
5883
98
87
529430
540999
544918
544922
530049
539059
544844
544855
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

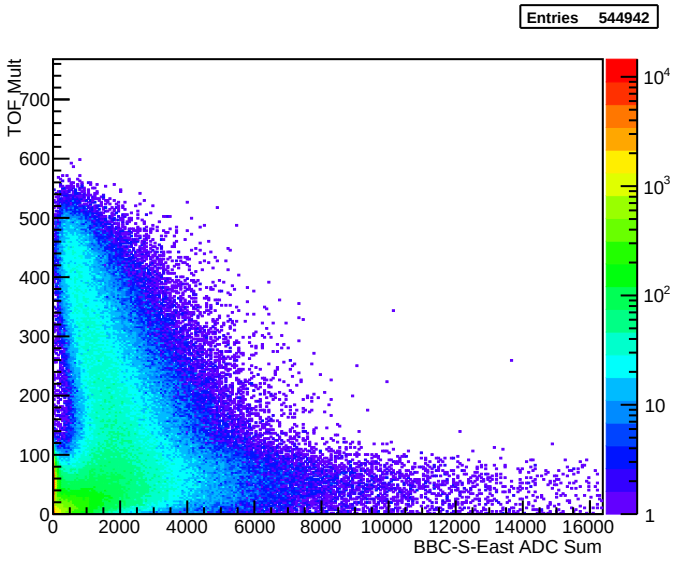

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

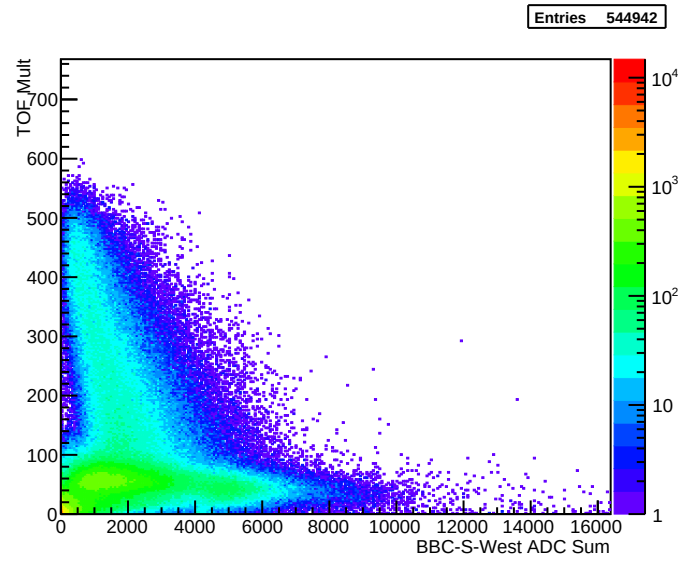

VT201 Input Ch4: VPD Tac Diff
Entries 544942
Tac

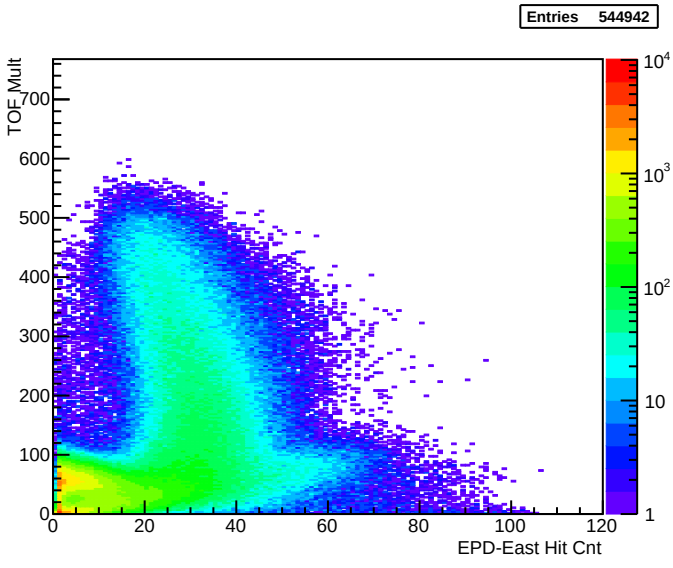

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

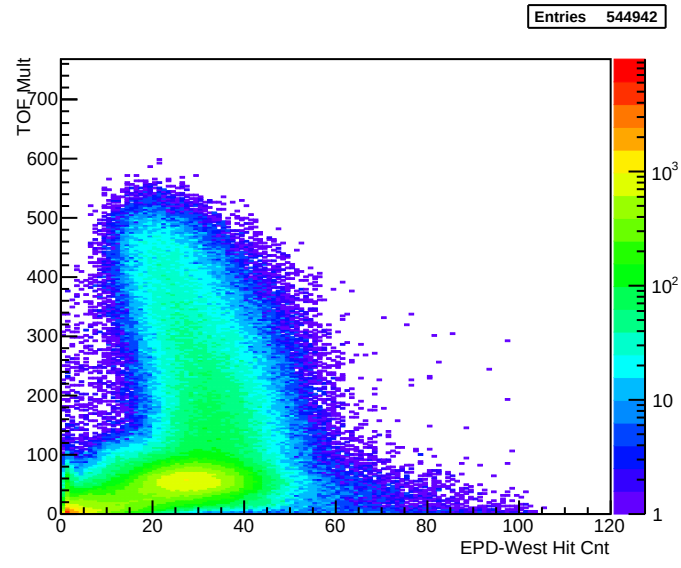

VT201 Input Ch4: VPD Adc Sum Th
Entries 1089884
291780
449303
253162
95639
East
West

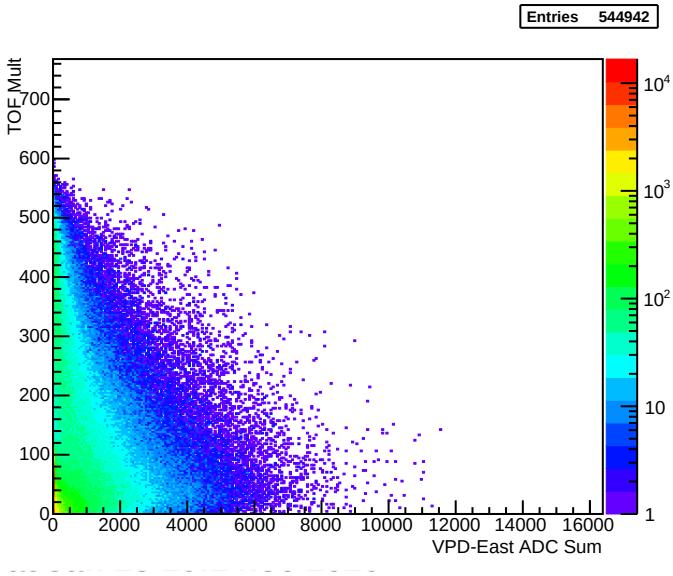

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

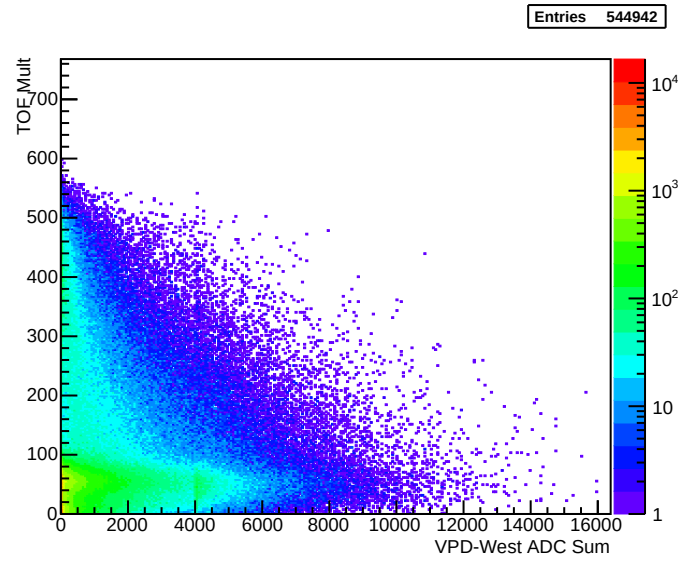

Entries 544942
TOF_Mult
BBC-S-East ADC Sum

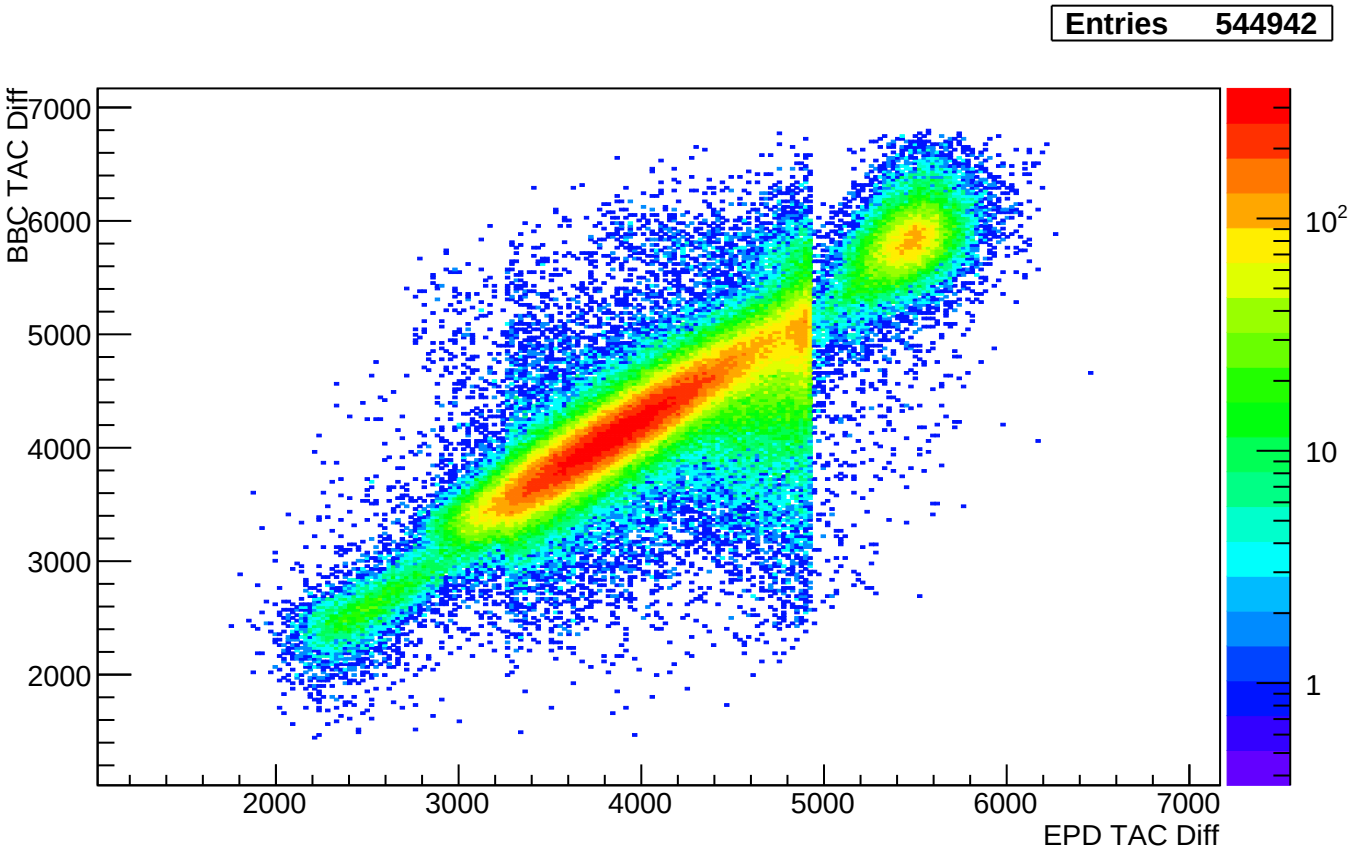

Entries 544942
TOF_Mult
BBC-S-West ADC Sum

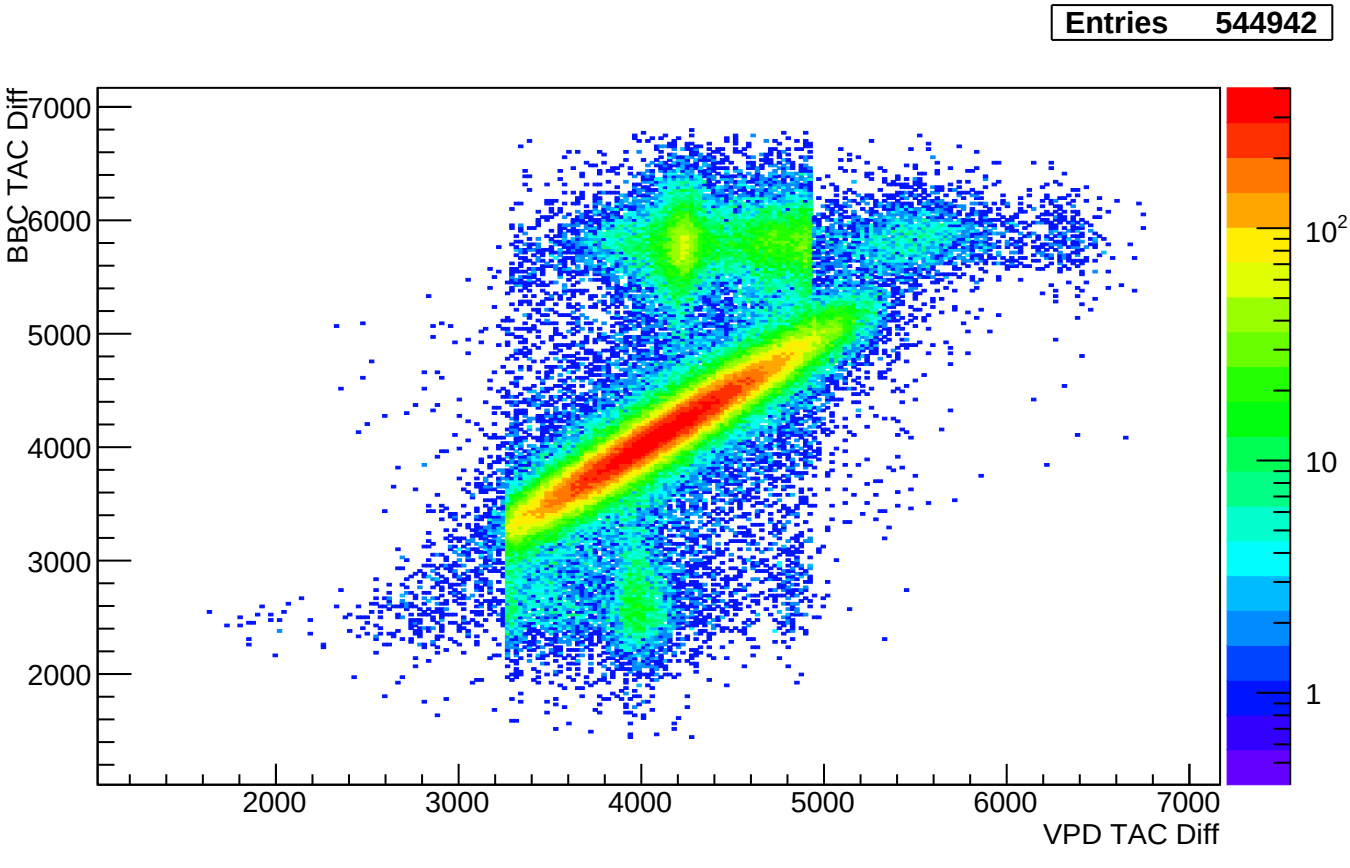

Entries 544942
TOF_Mult
EPD-East Hit Cnt

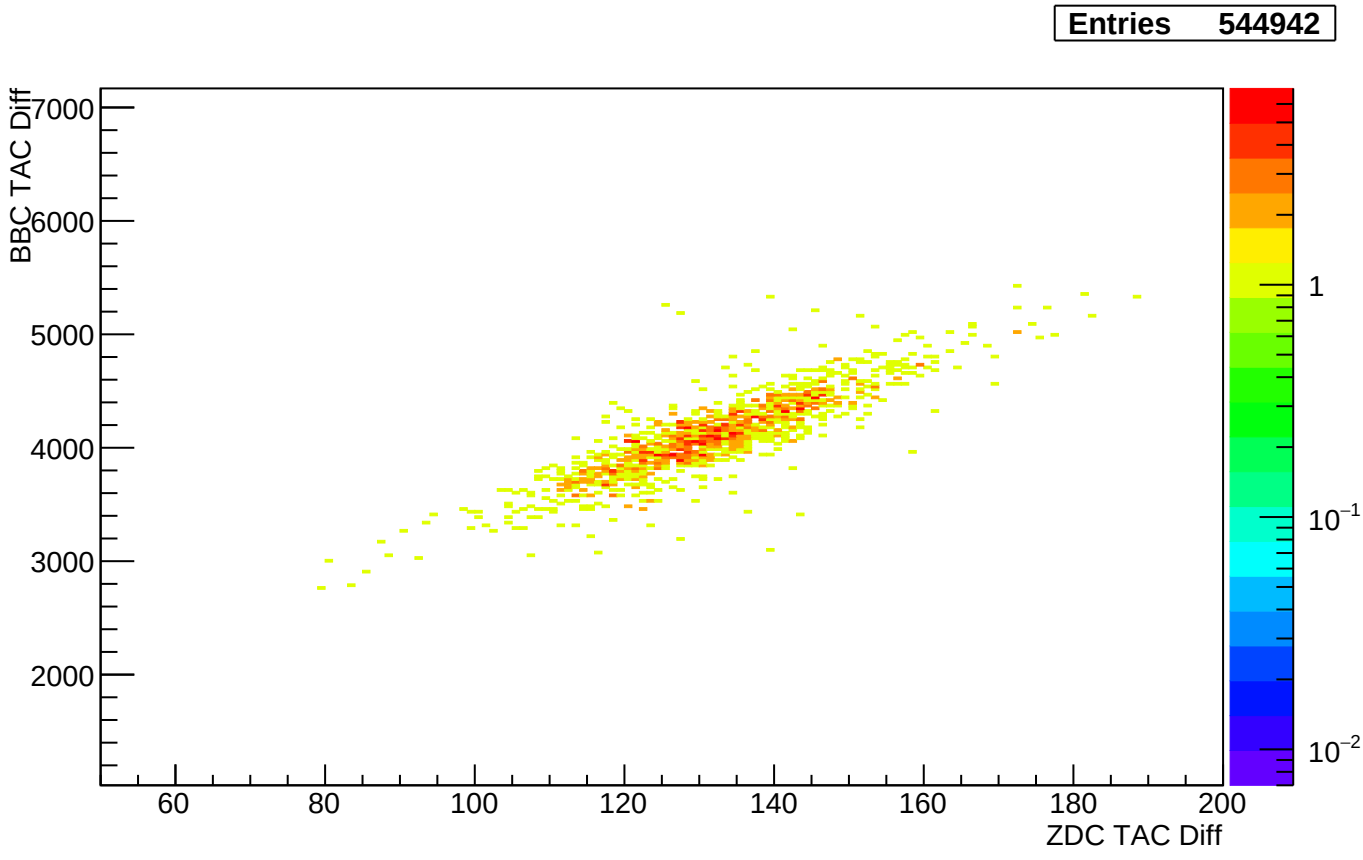

Entries 544942
TOF_Mult
EPD-West Hit Cnt

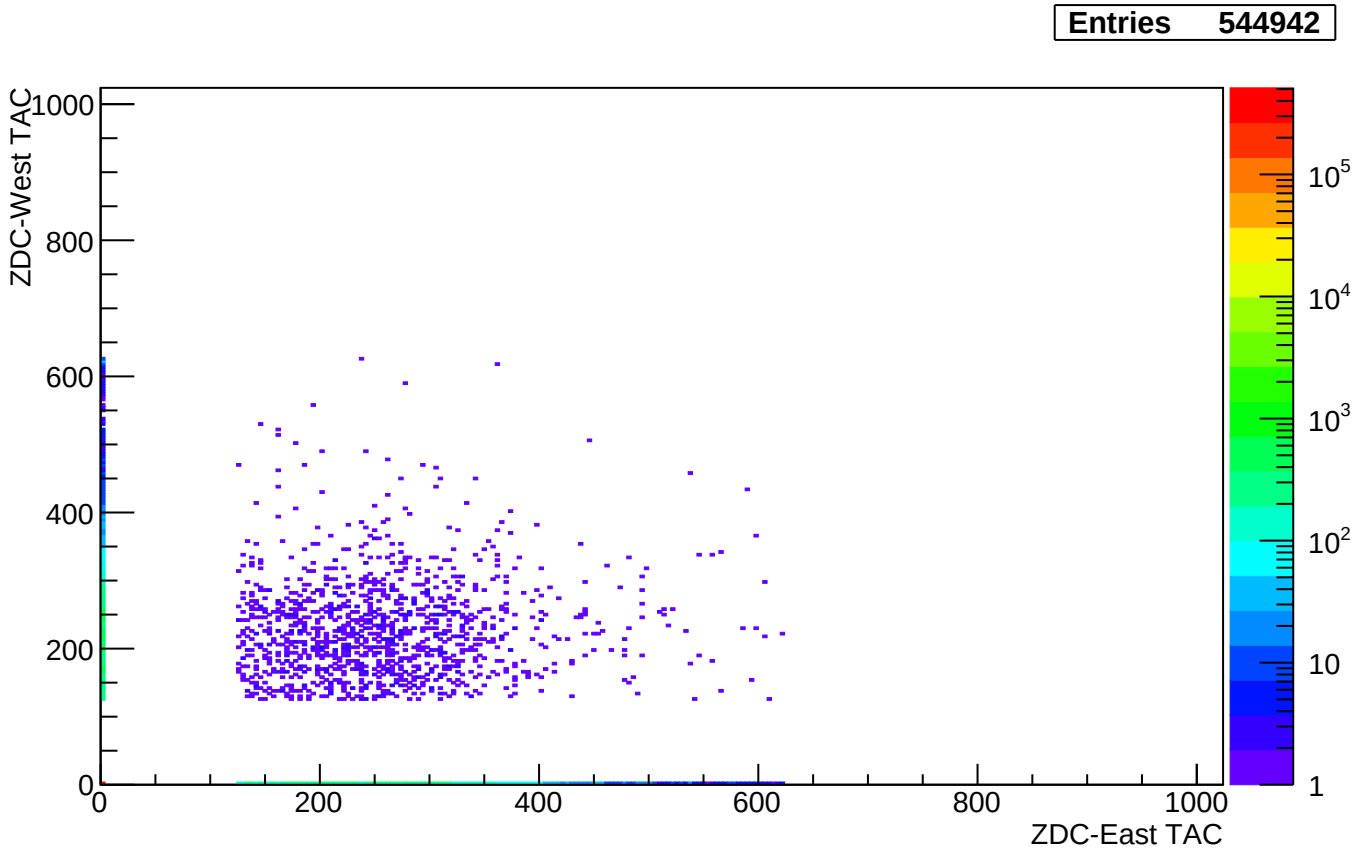

Entries 544942
TOF_Mult
VPD-East ADC Sum

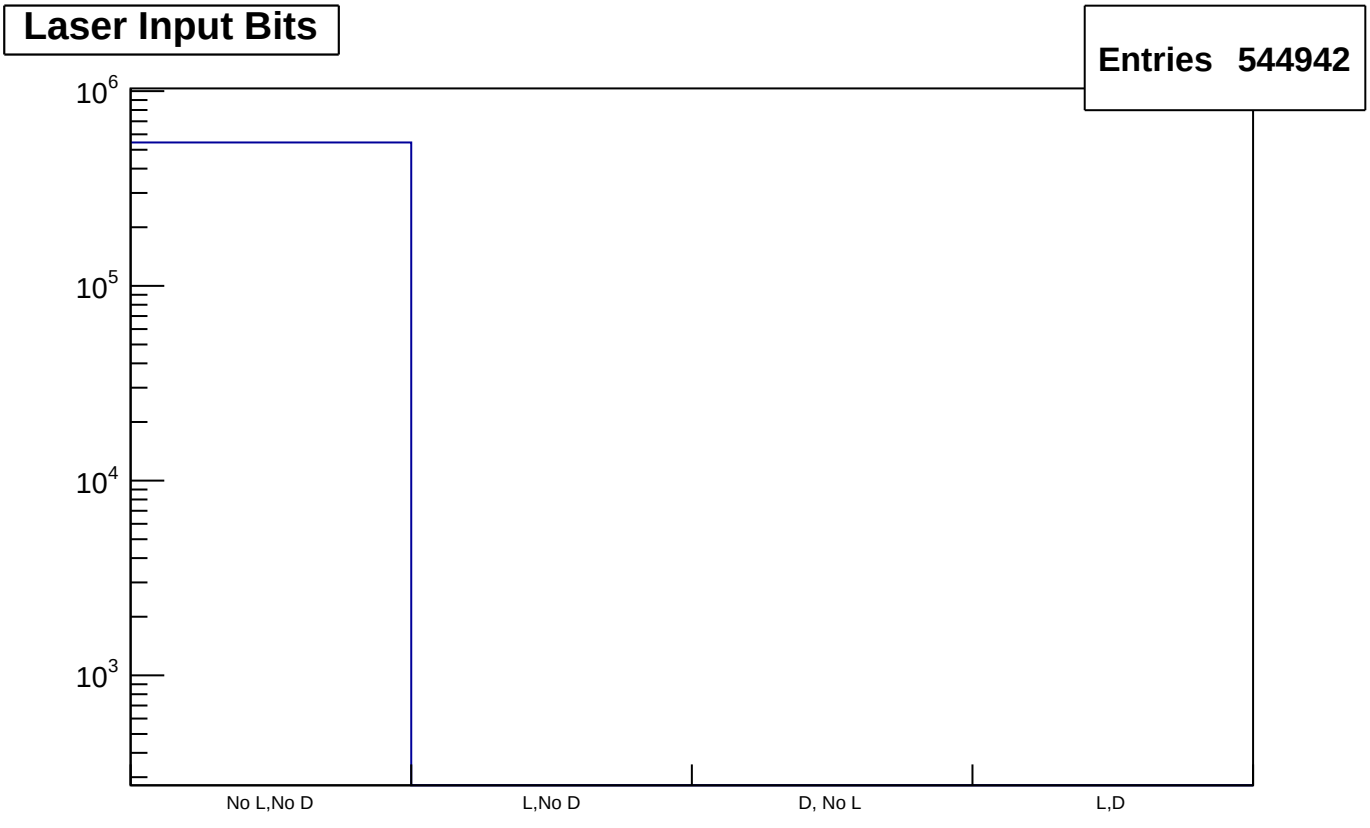

Entries 544942
TOF_Mult
VPD-West ADC Sum

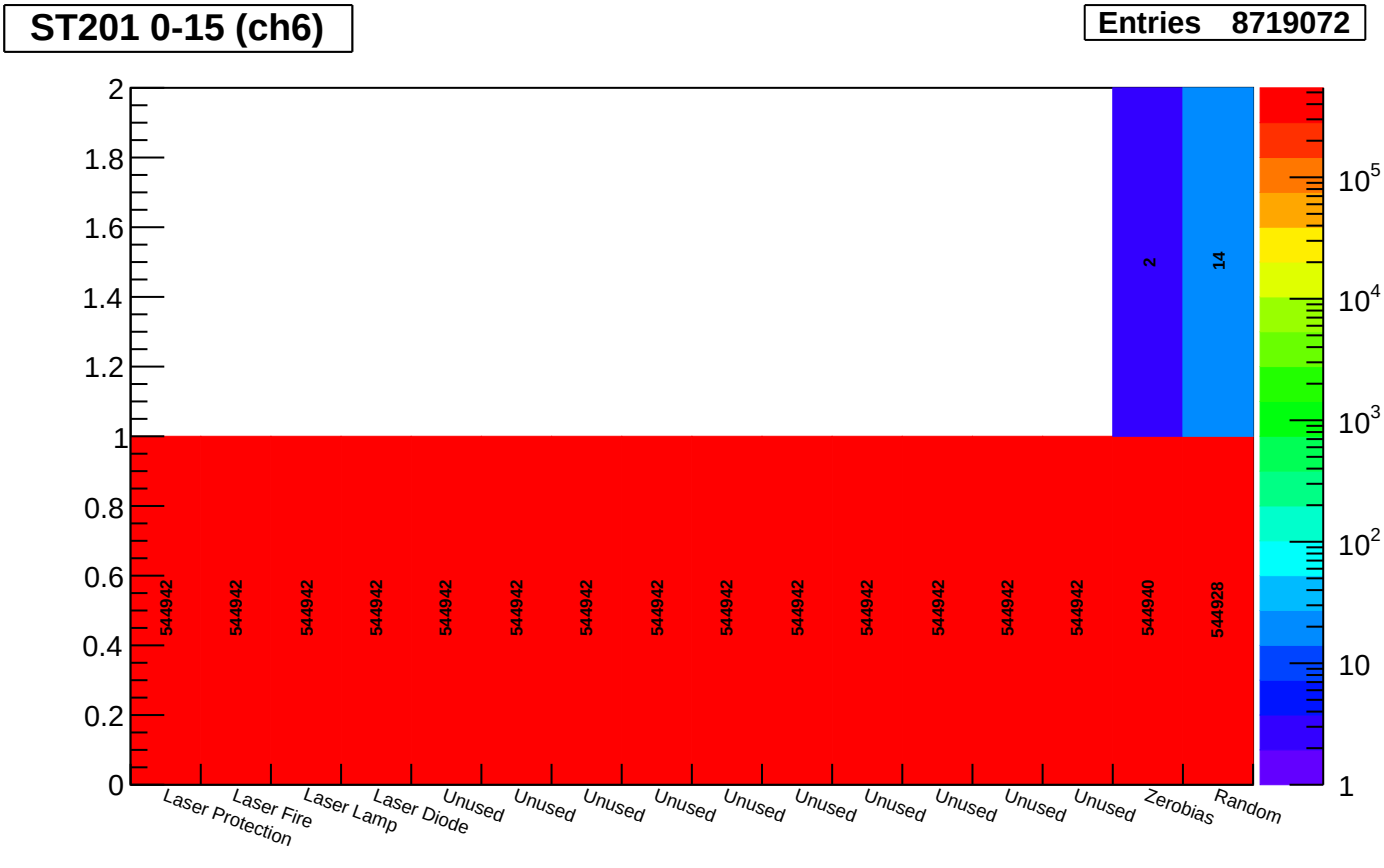

Entries 544942
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

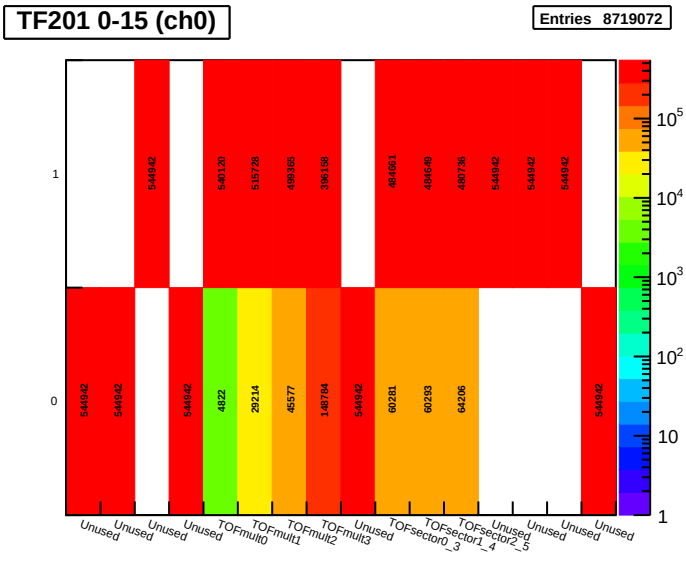

Entries 544942
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

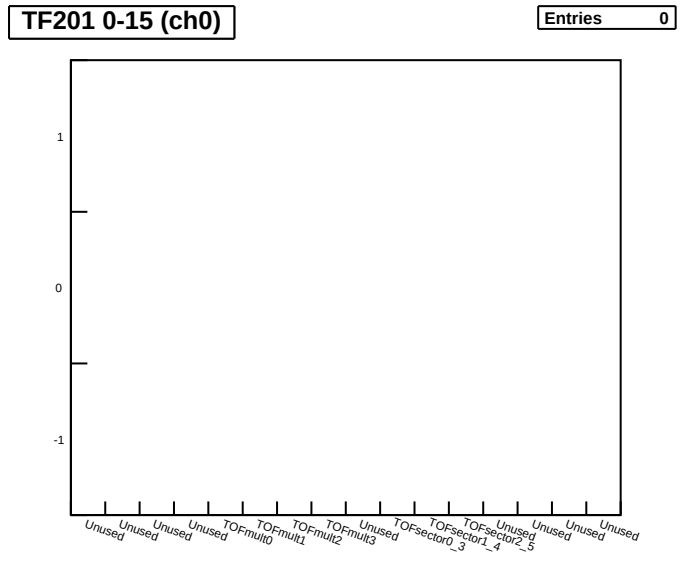

Entries 544942
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

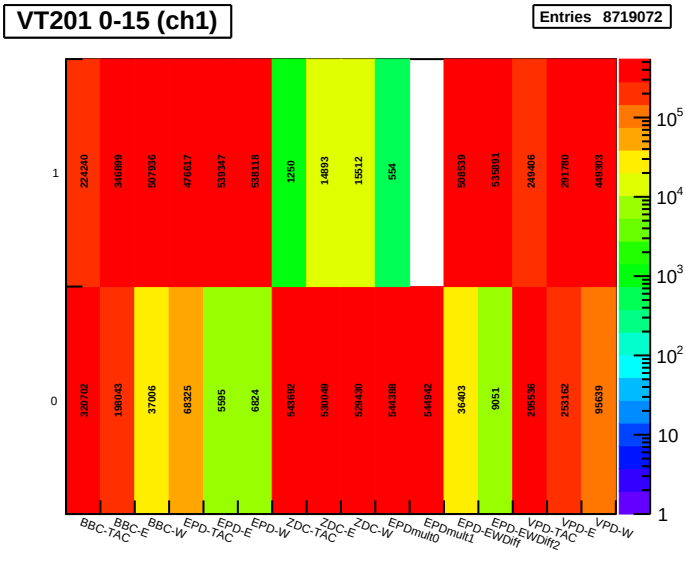

Entries 544942
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

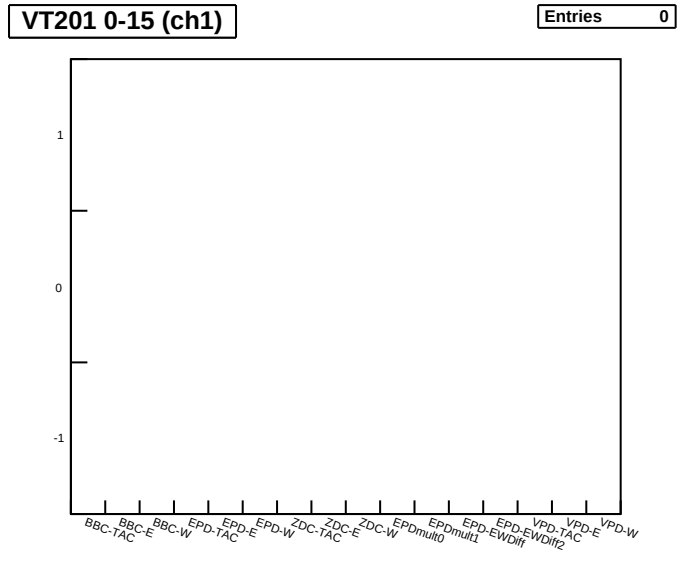

Laser Input Bits
Entries 544942
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

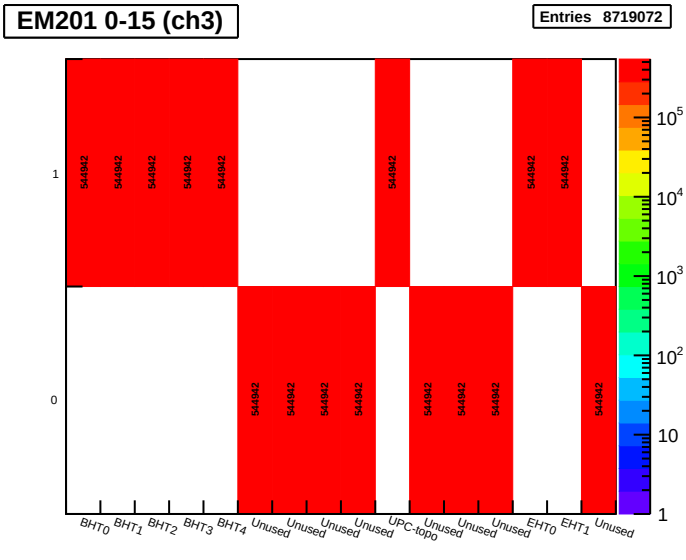

ST201 0-15 (ch6)
Entries 8719072
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544940
544928
2
14
10^5
10^4
10^3
10^2
10
1
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random

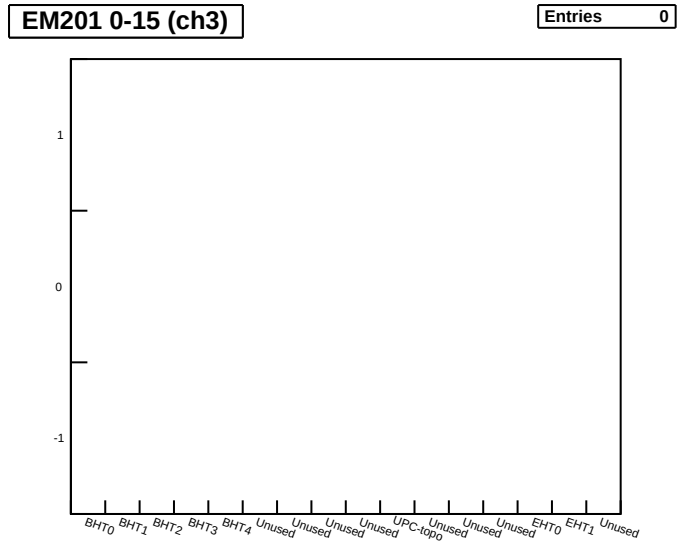

TF201 0-15 (ch0)
Entries 8719072
1
0
544942
540120
515728
499365
396158
484661
494649
480736
544942
544942
544942
544942
544942
544942
4822
29214
45577
148784
60281
60293
64206
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
TOFsector0_3
TOFsector1_4
TOFsector2_5
10^5
10^4
10^3
10^2
10
1


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 8719072
1
0
224240
346899
507936
476617
539347
538118
1250
14893
15512
554
508539
538891
249406
291760
449333
320702
198043
37006
68325
5595
6824
543692
530049
529430
544388
544942
36403
9051
285536
253162
95639
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 8719072
1
0
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
544942
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