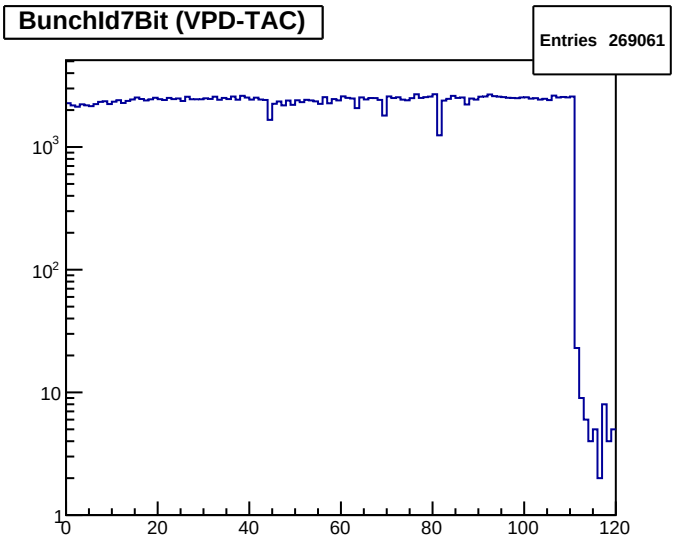
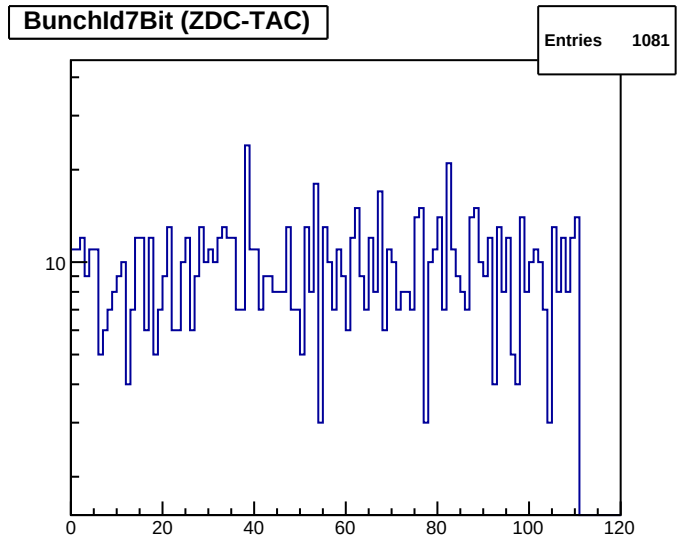
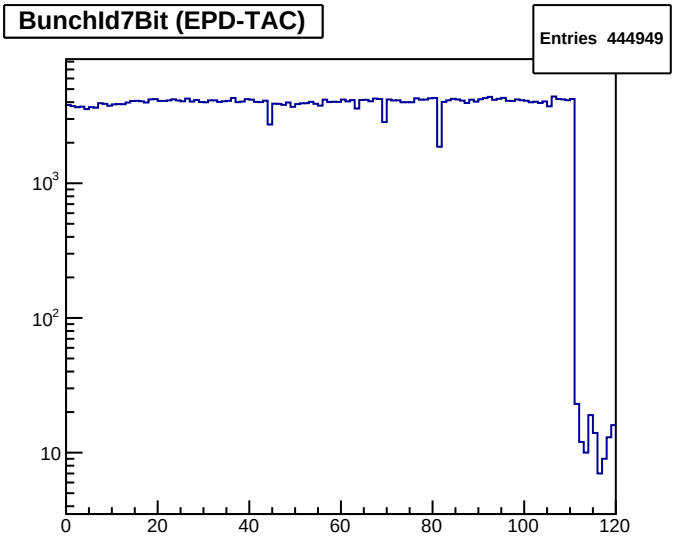
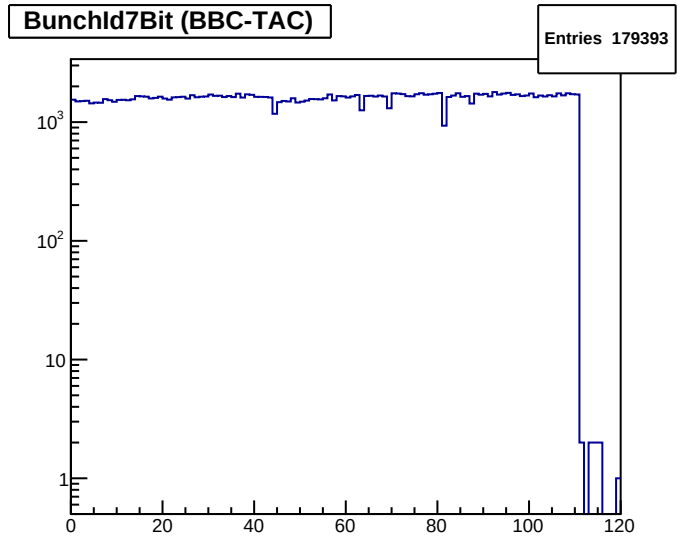
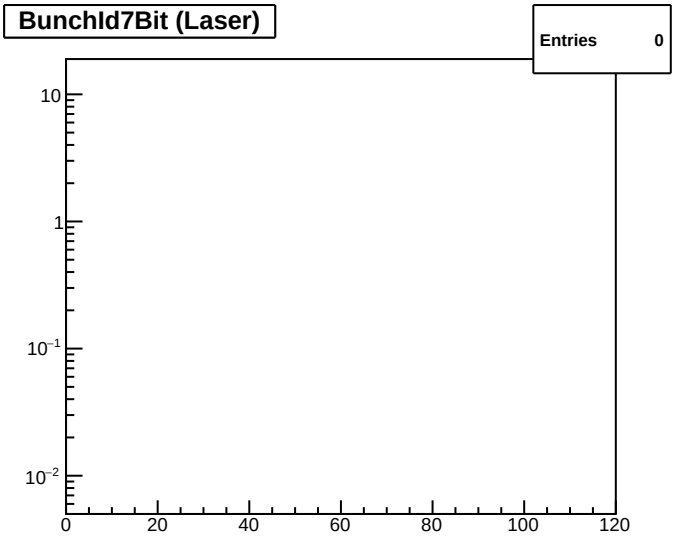
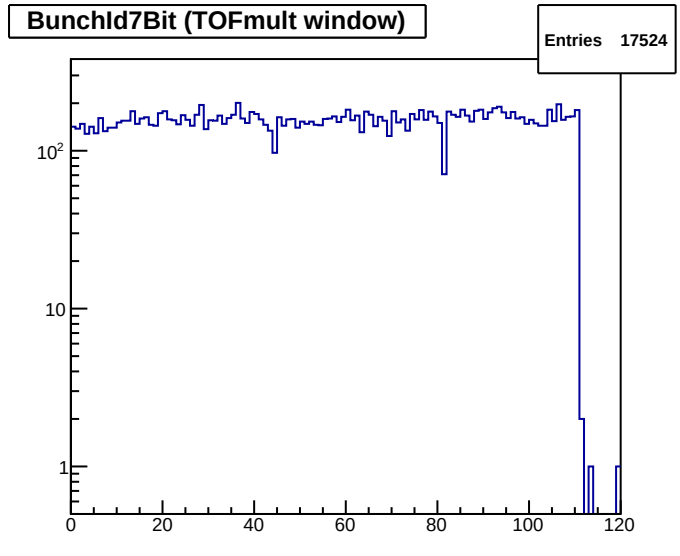

BunchId7Bit (VPD-TAC)
Entries 269061

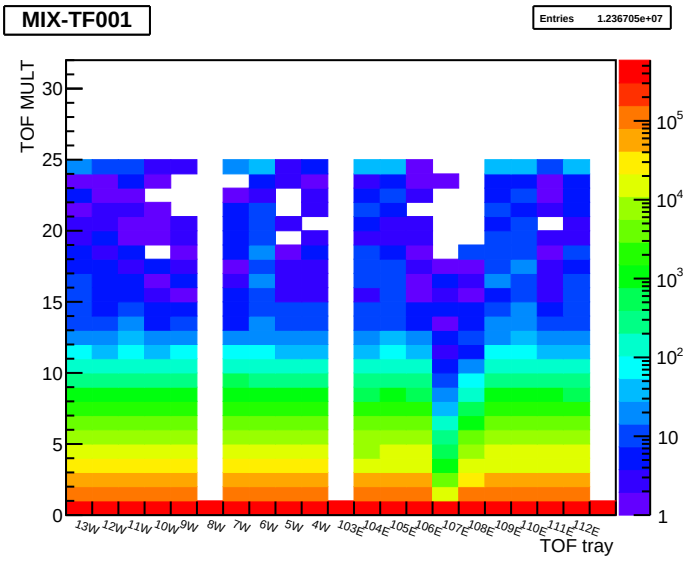

BunchId7Bit (ZDC-TAC)
Entries 1081

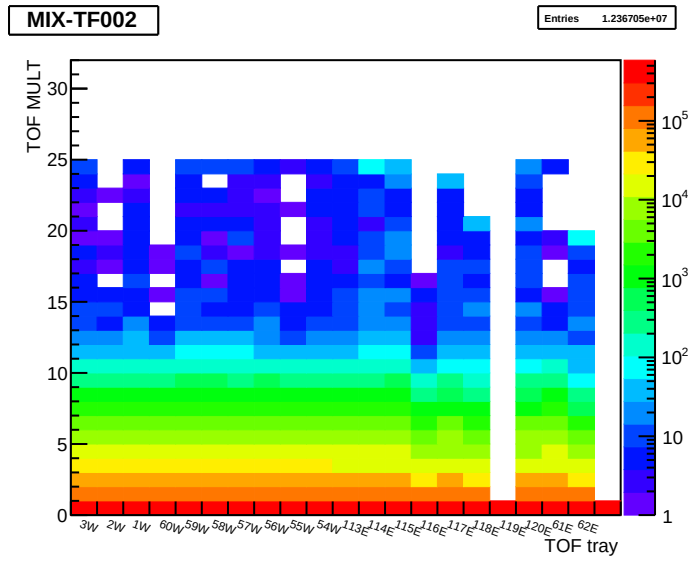

BunchId7Bit (EPD-TAC)
Entries 444949

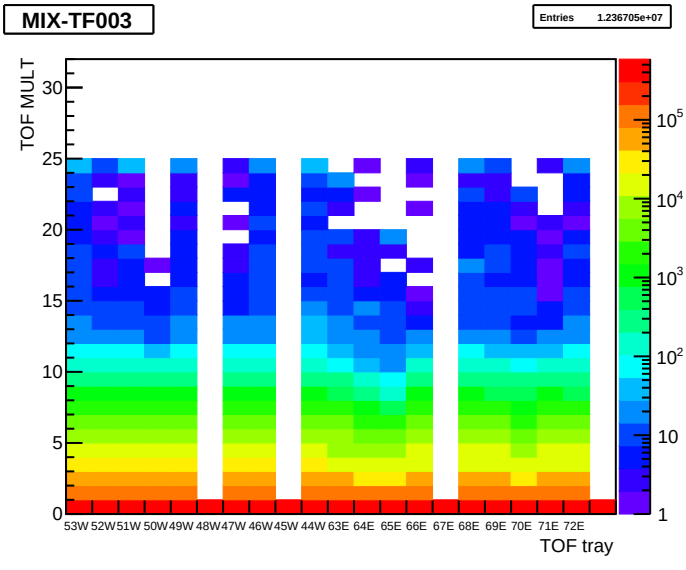

BunchId7Bit (BBC-TAC)
Entries 179393

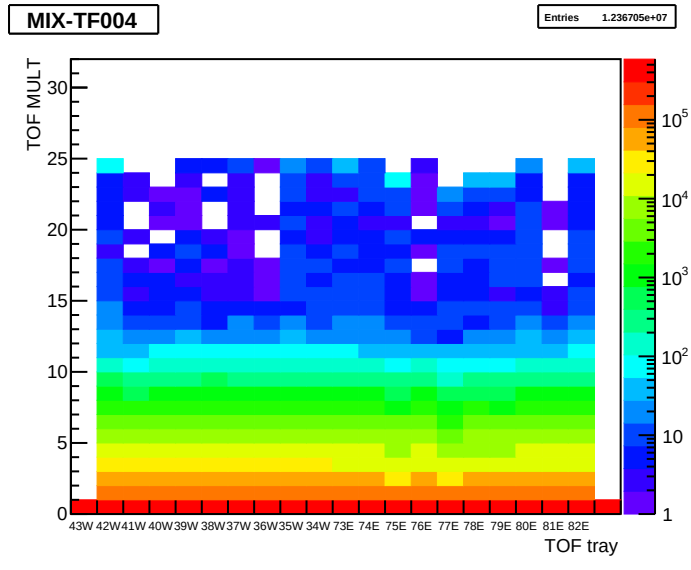

BunchId7Bit (Laser)
Entries 0

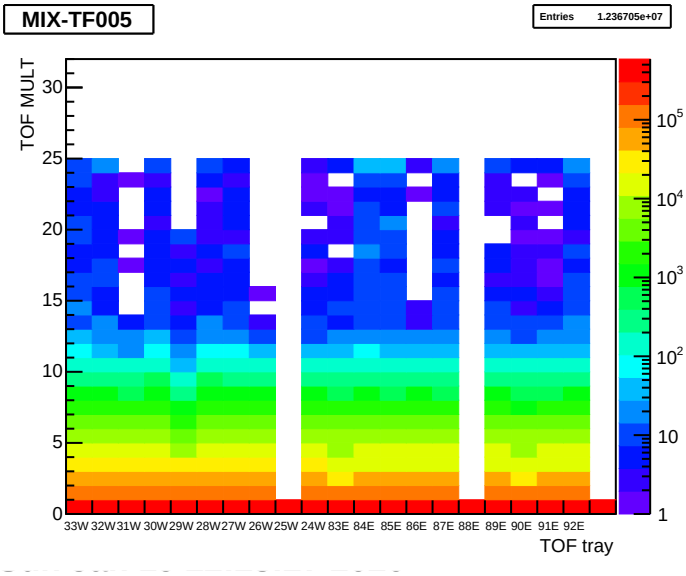

BunchId7Bit (TOFmult window)
Entries 17524

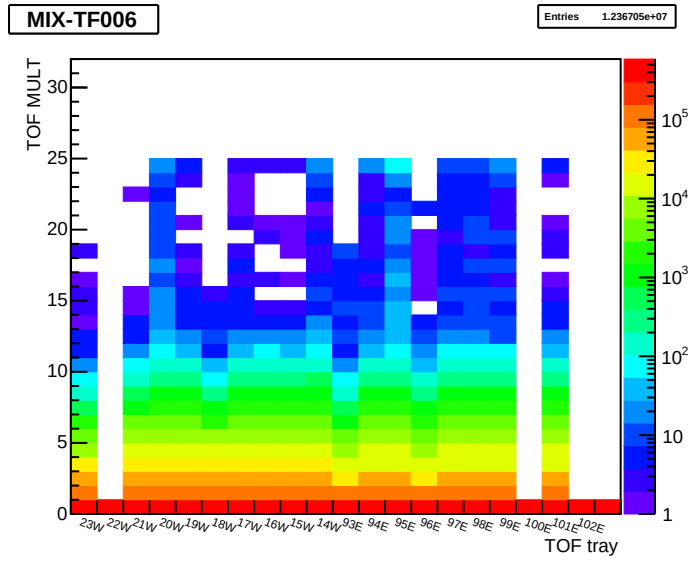

MIX-TF001
Entries 1.236705e+07
TOF MULT
TOF tray

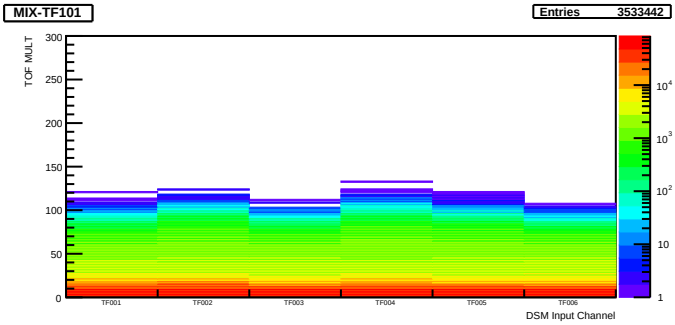

MIX-TF002
Entries 1.236705e+07
TOF MULT
TOF tray

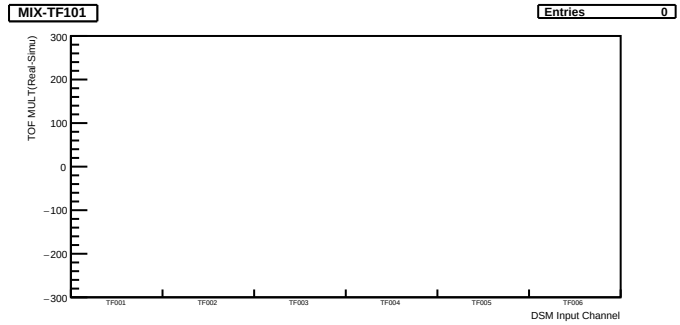

MIX-TF003
Entries 1.236705e+07
TOF MULT
TOF tray

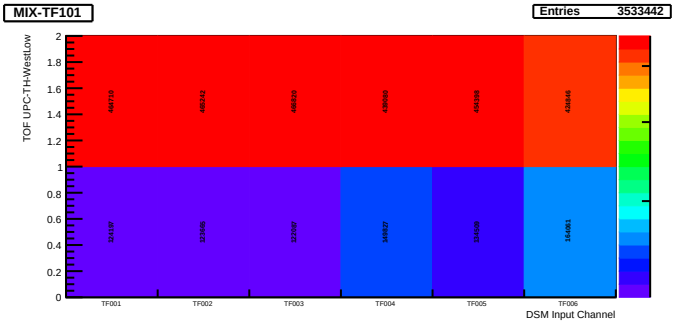

MIX-TF004
Entries 1.236705e+07
TOF MULT
TOF tray

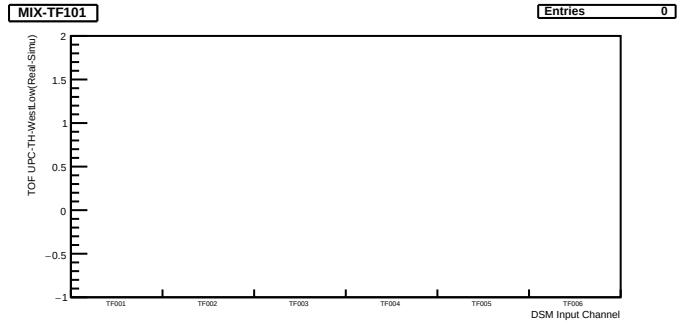

MIX-TF005
Entries 1.236705e+07
TOF MULT
TOF tray

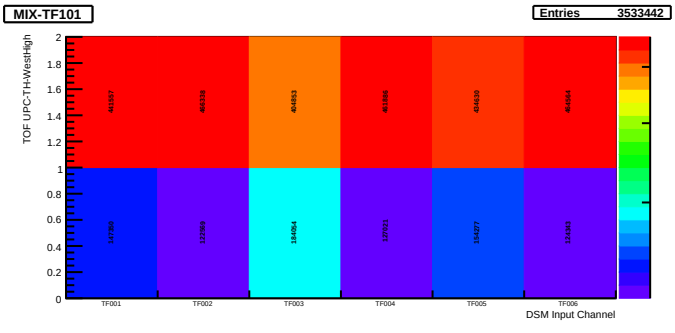

MIX-TF006
Entries 1.236705e+07
TOF MULT
TOF tray

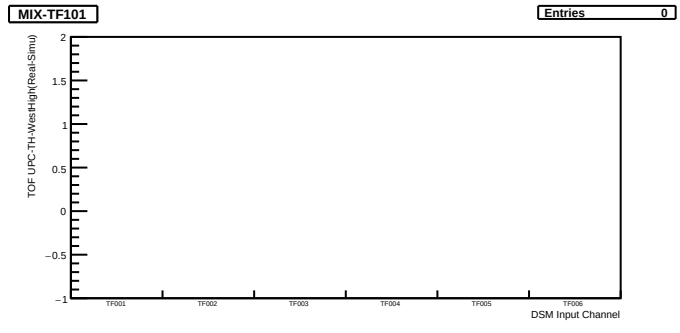

MIX-TF101
Entries 3533442
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

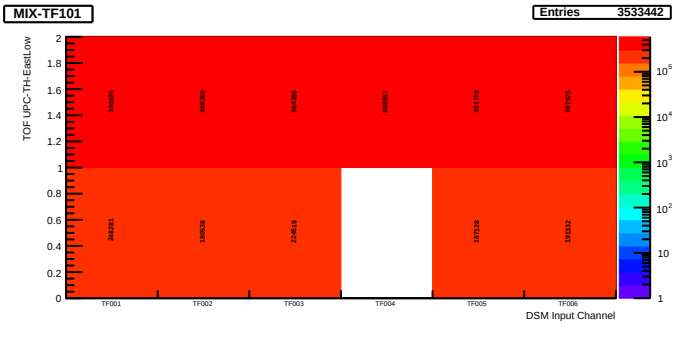

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

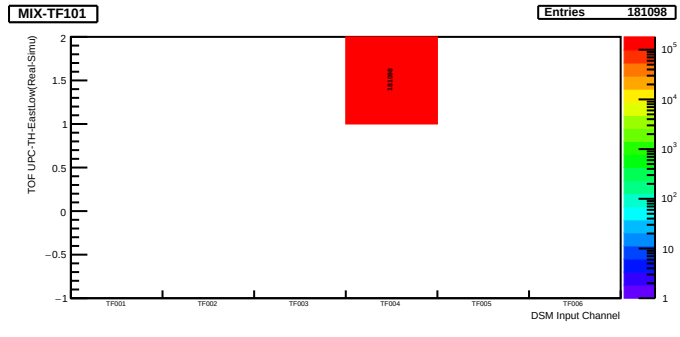

MIX-TF101
Entries 3533442
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

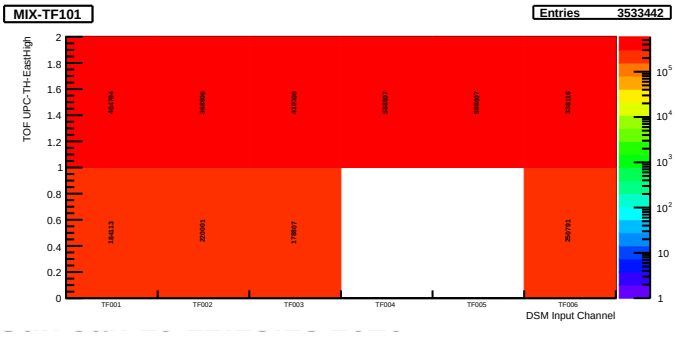

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

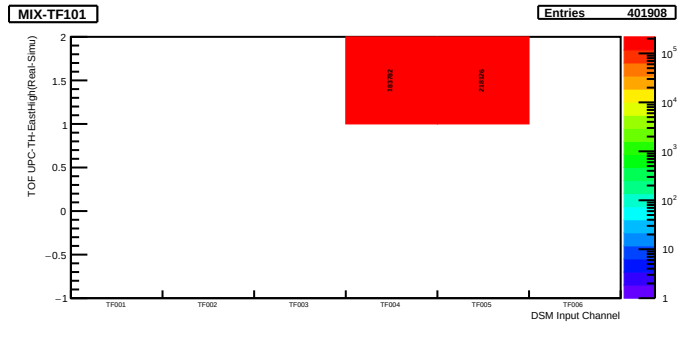

MIX-TF101
Entries 3533442
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

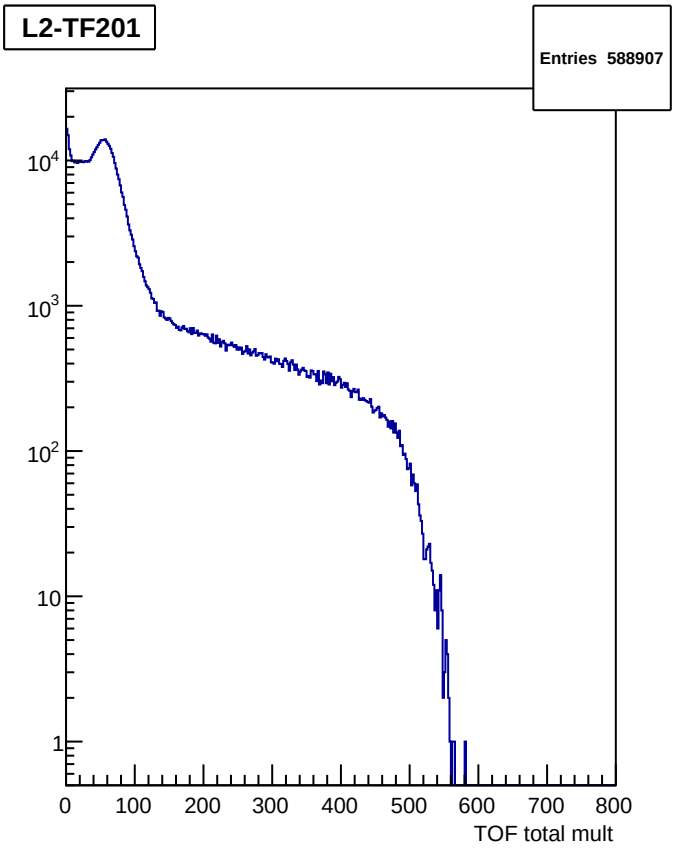

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

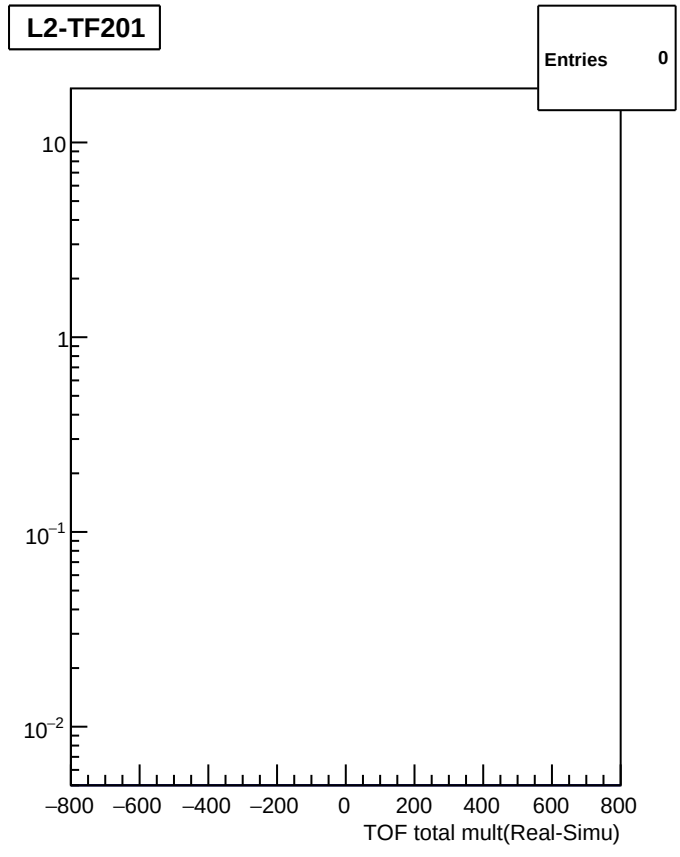

MIX-TF101
Entries 3533442
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

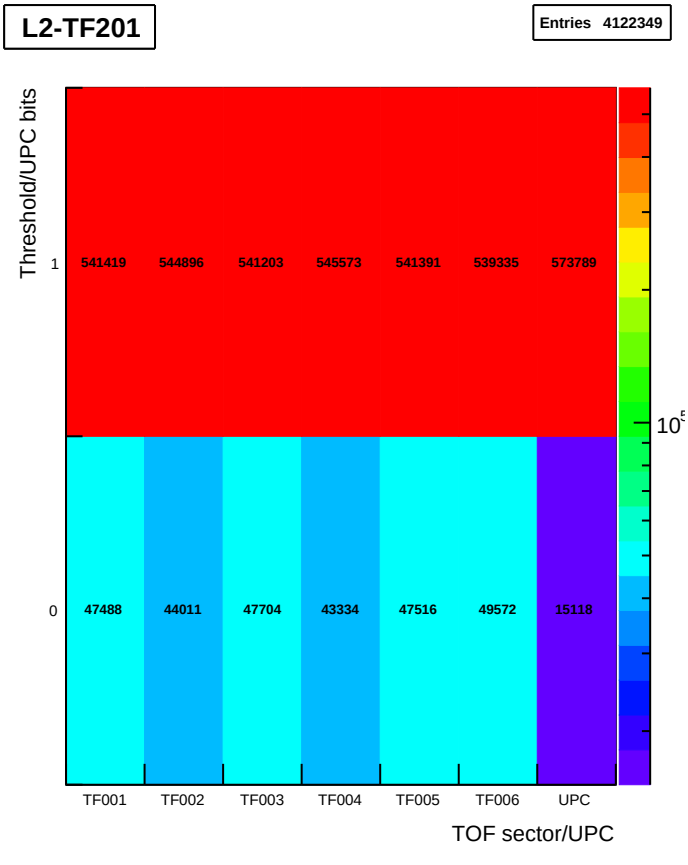

MIX-TF101
Entries 181098
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

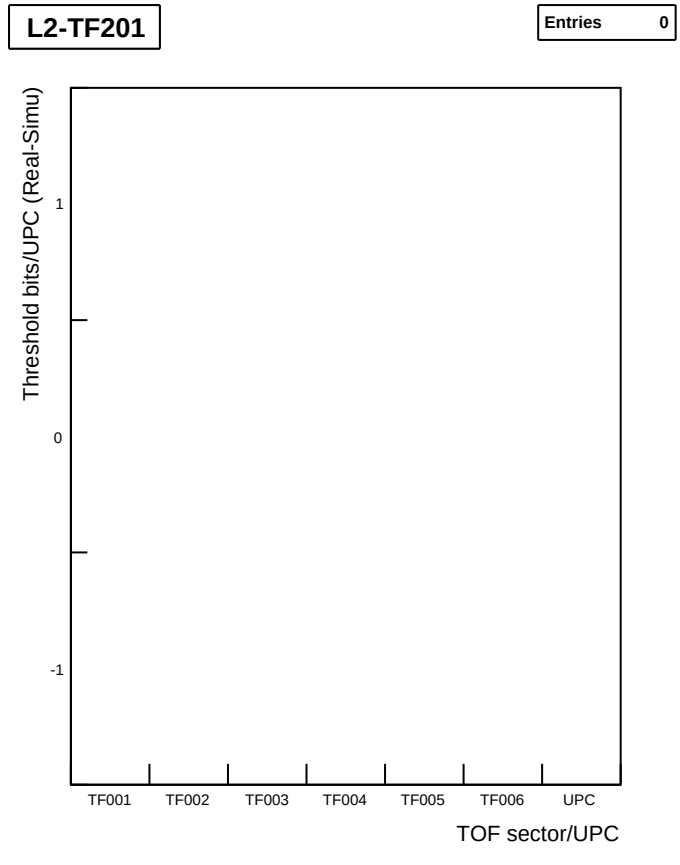

MIX-TF101
Entries 3533442
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

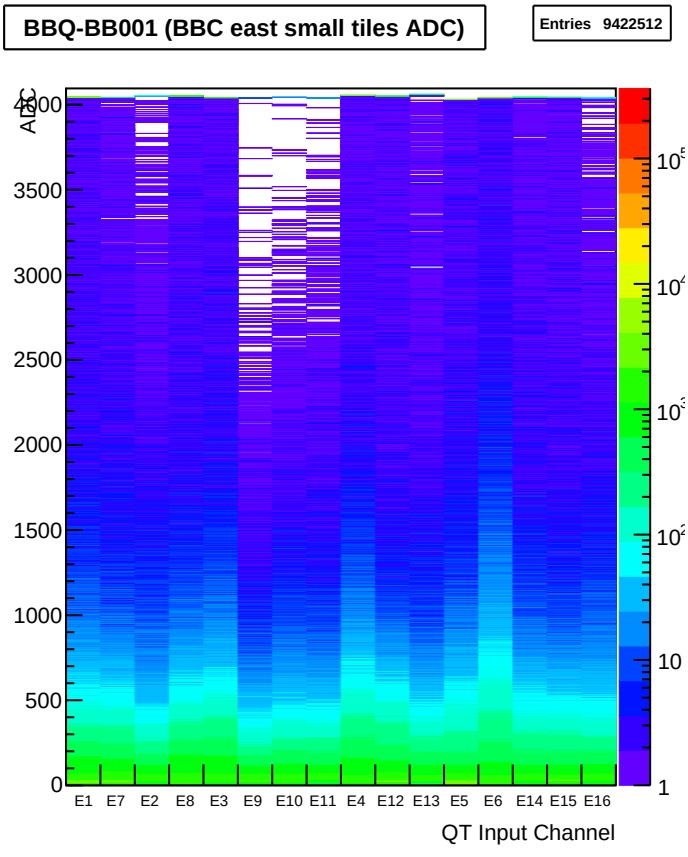

MIX-TF101
Entries 401908
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

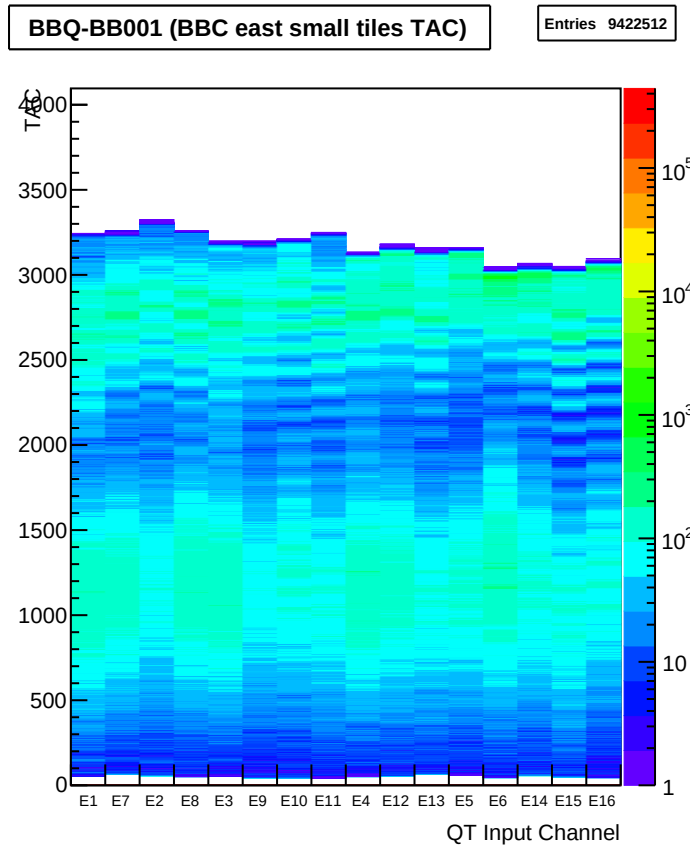

L2-TF201
Entries 588907
TOF total mult

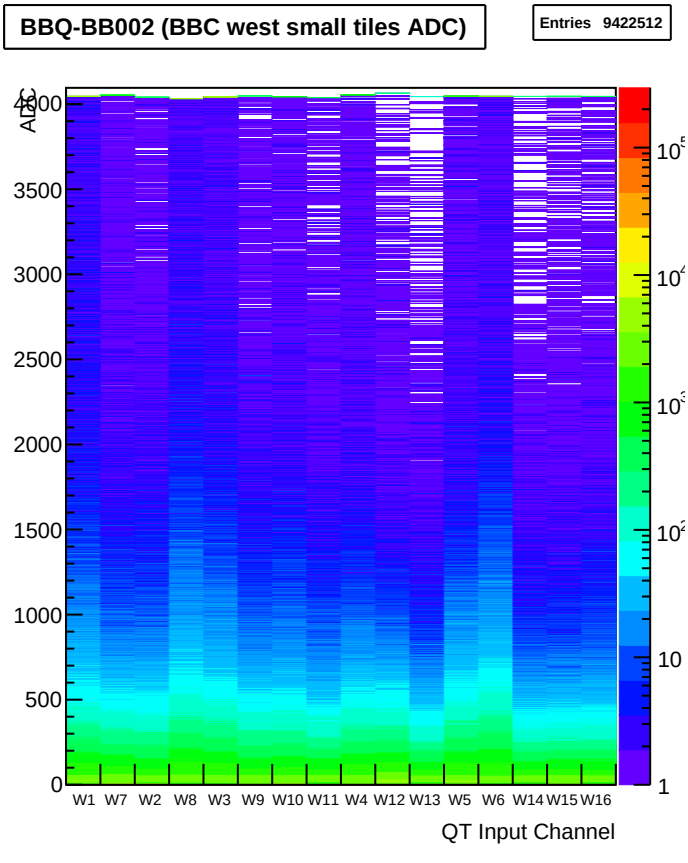

L2-TF201
Entries 0
TOF total mult(Real-Simu)

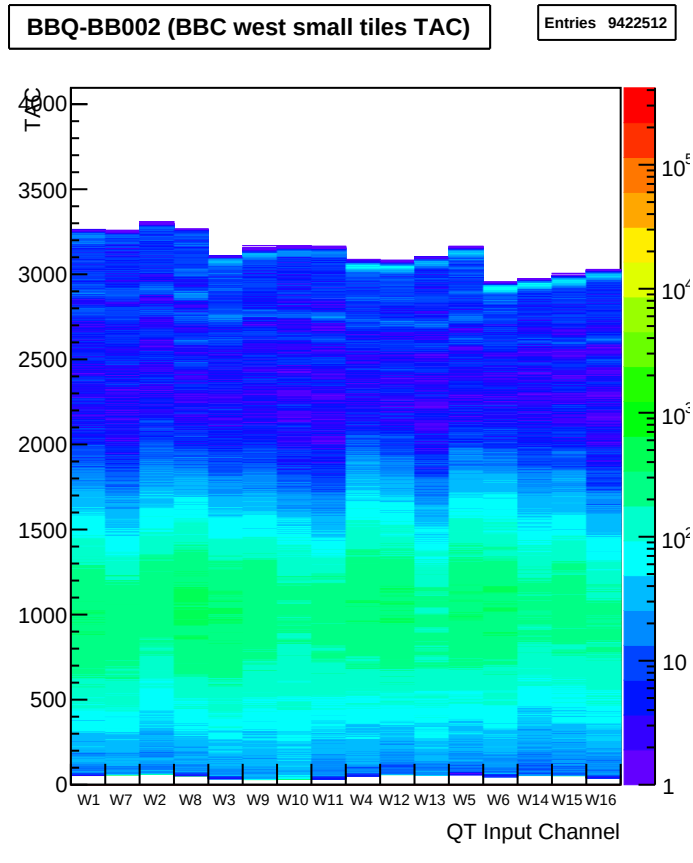

L2-TF201
Entries 4122349
Threshold/UPC bits
541419
544896
541203
545573
541391
539335
573789
47488
44011
47704
43334
47516
49572
15118
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

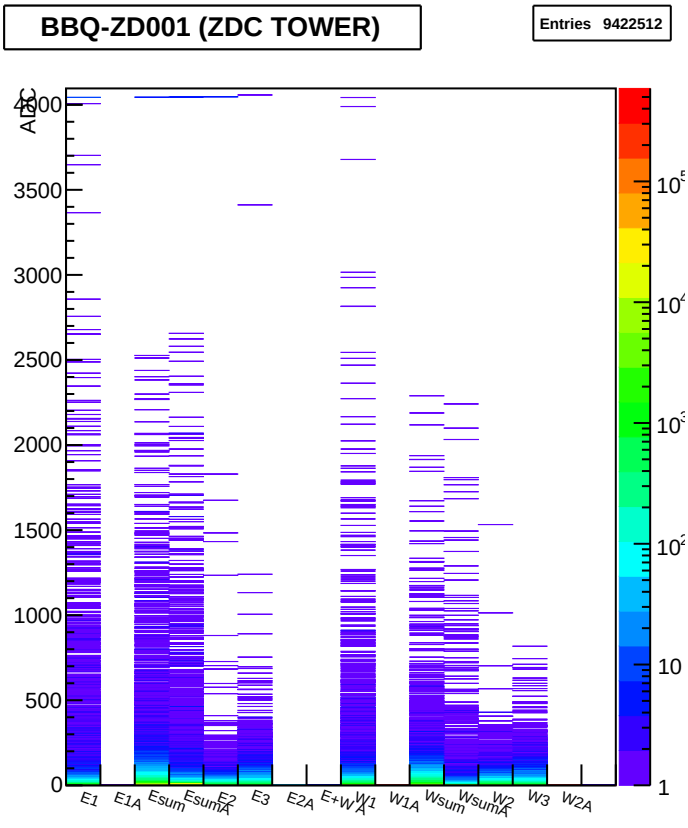

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

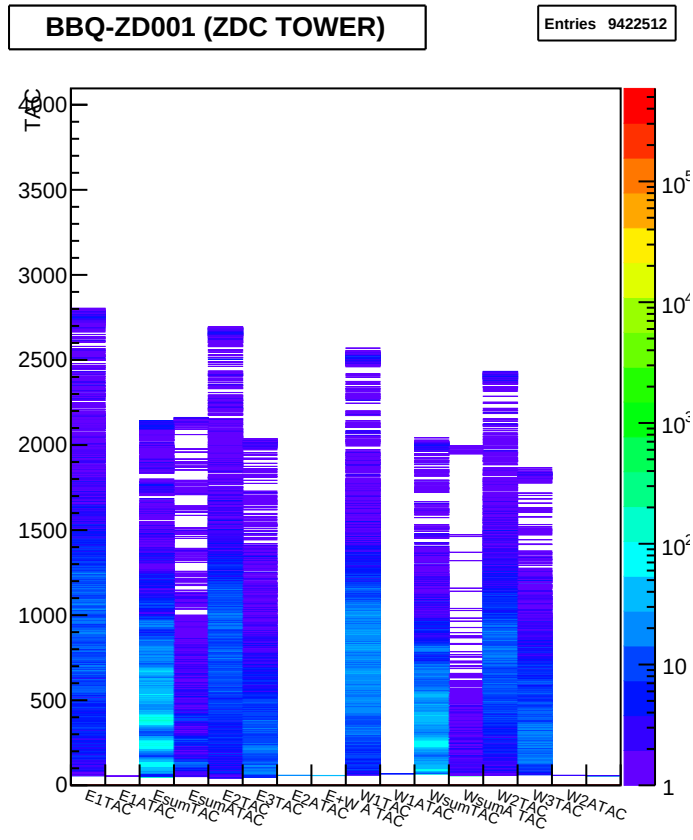

BBQ-BB001 (BBC east small tiles ADC)
Entries 9422512
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

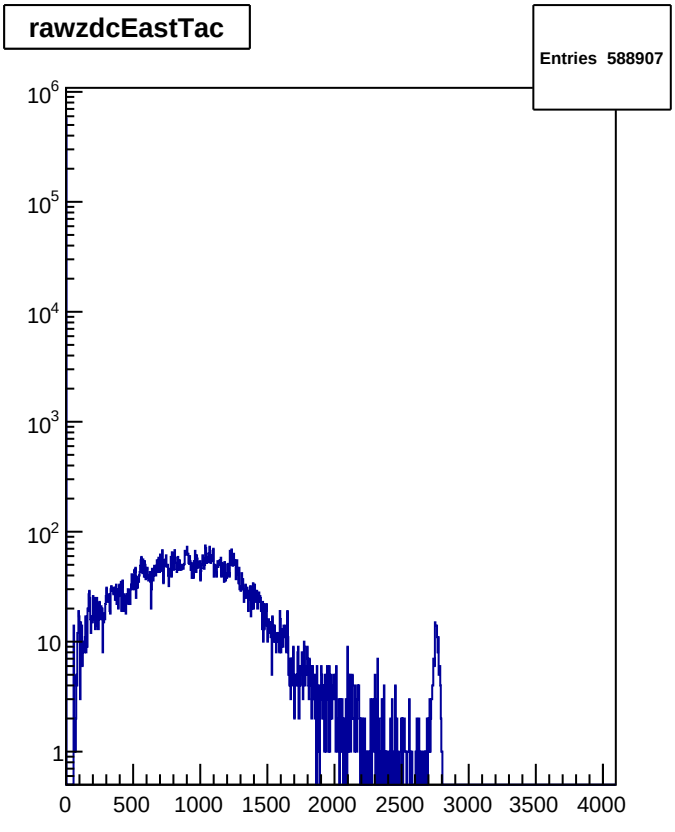

BBQ-BB001 (BBC east small tiles TAC)
Entries 9422512
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

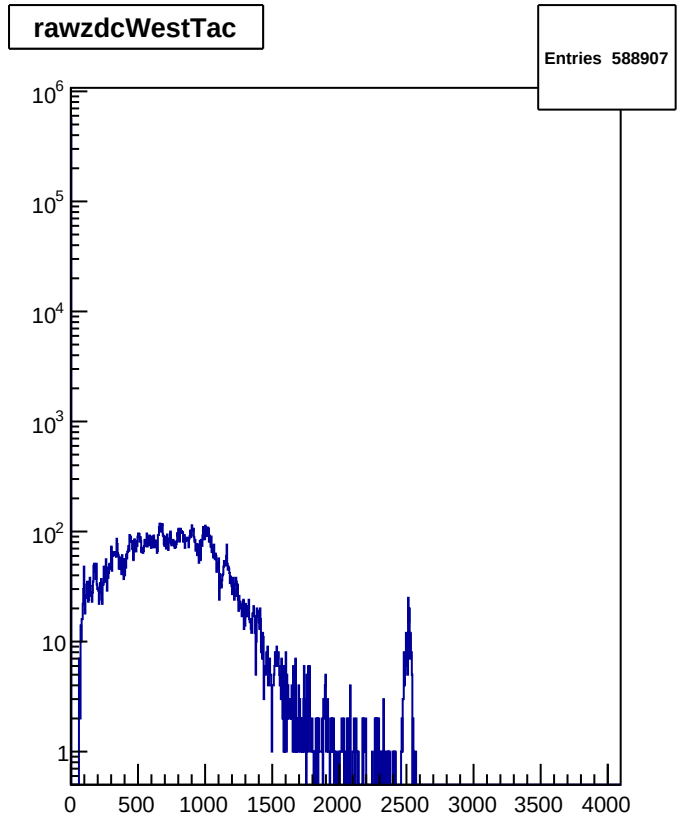

BBQ-BB002 (BBC west small tiles ADC)
Entries 9422512
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

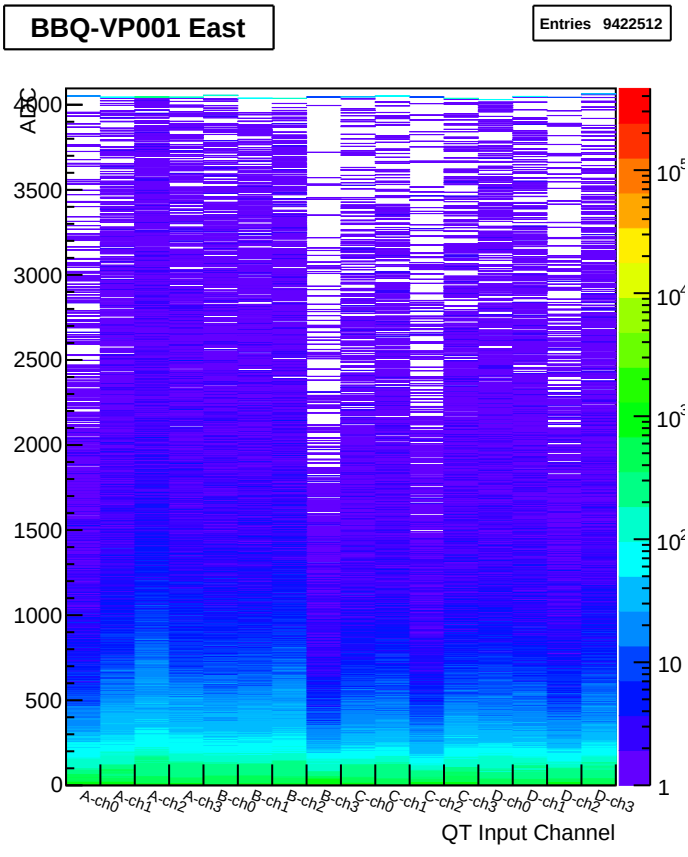

BBQ-BB002 (BBC west small tiles TAC)
Entries 9422512
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

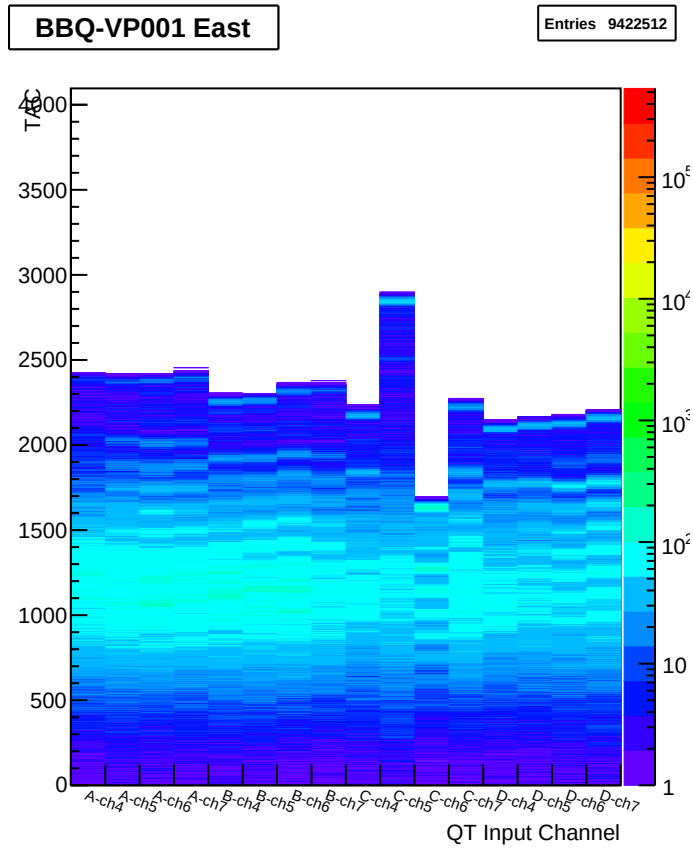

BBQ-ZD001 (ZDC TOWER)
Entries 9422512
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

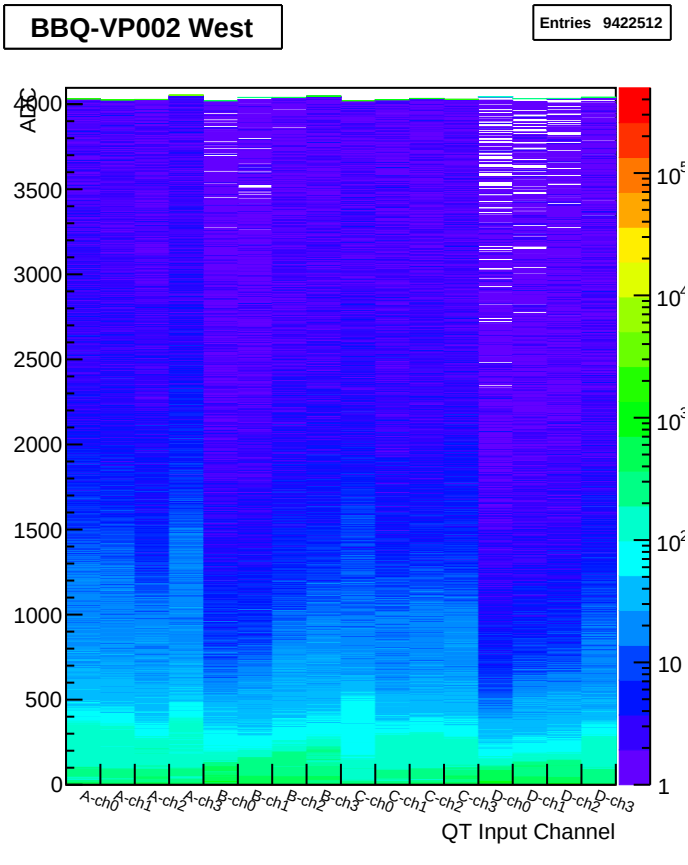

BBQ-ZD001 (ZDC TOWER)
Entries 9422512
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

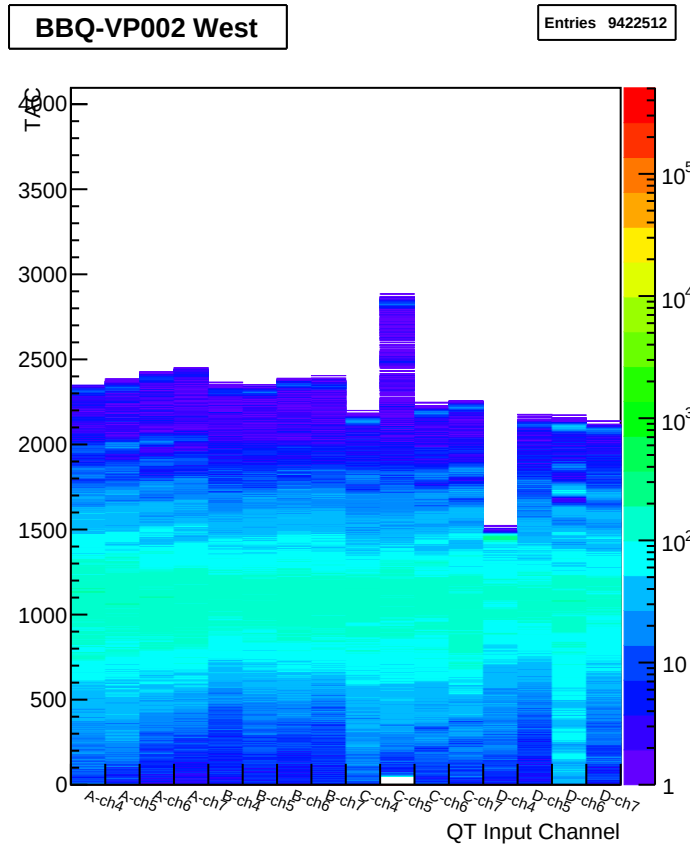

rawzdcEastTac
Entries 588907

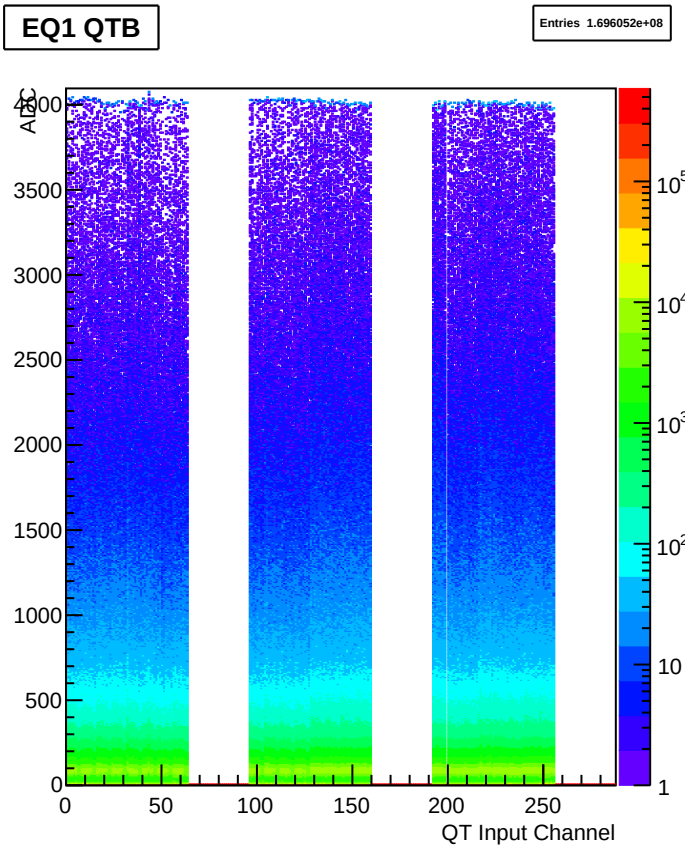

rawzdcWestTac
Entries 588907

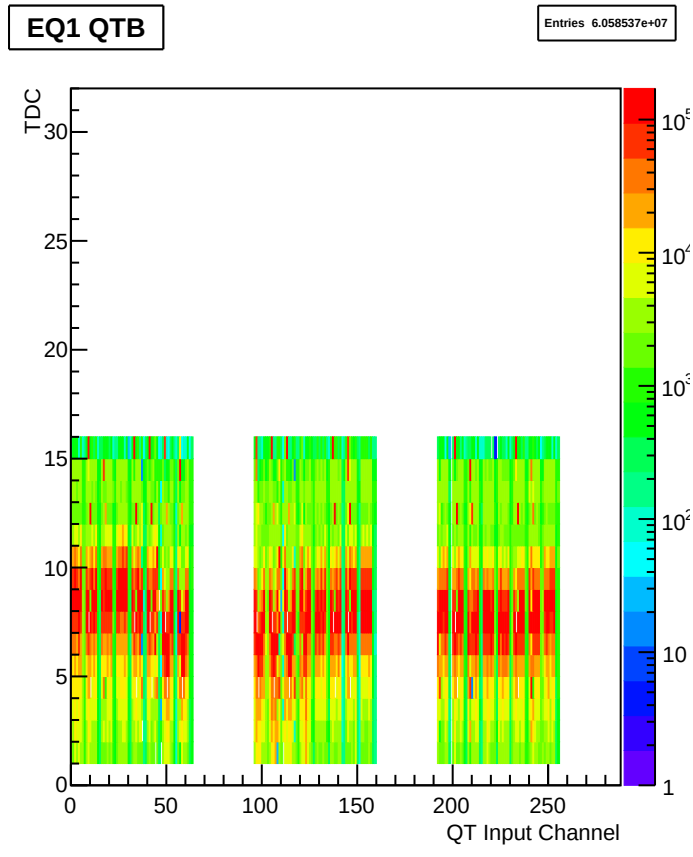

BBQ-VP001 East
Entries 9422512
ADC
QT Input Channel

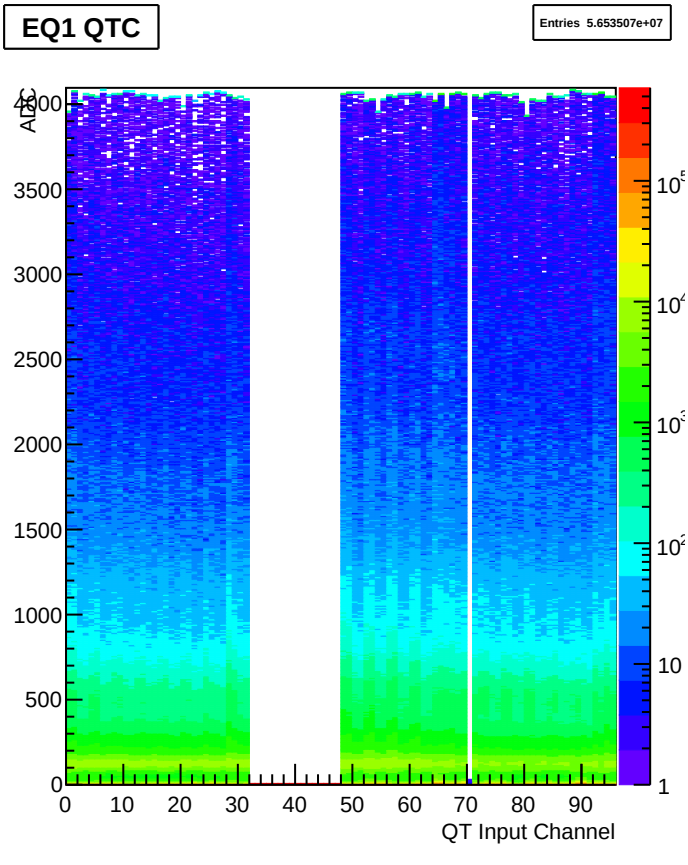

BBQ-VP001 East
Entries 9422512
TADC
QT Input Channel

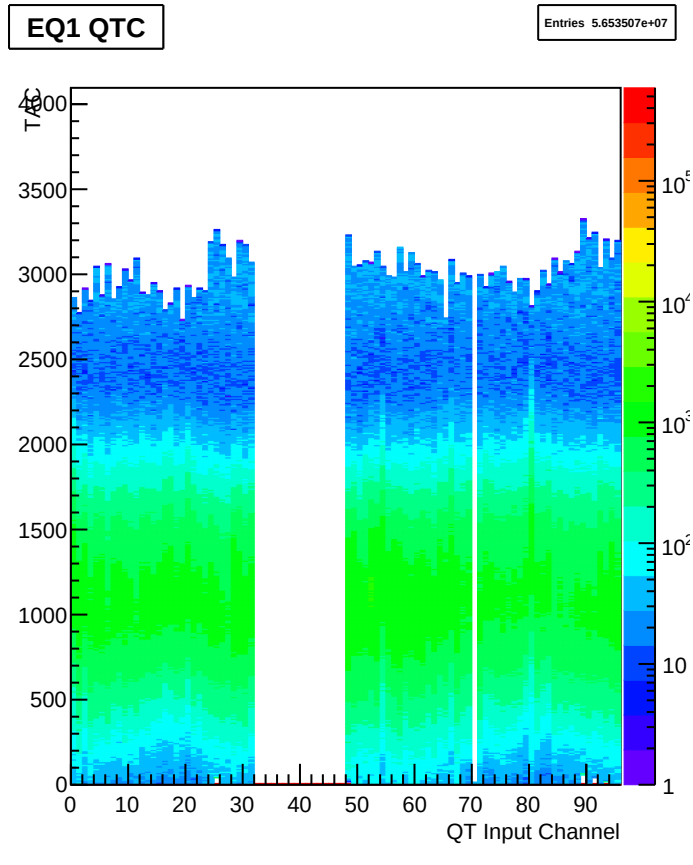

BBQ-VP002 West
Entries 9422512
ADC
QT Input Channel

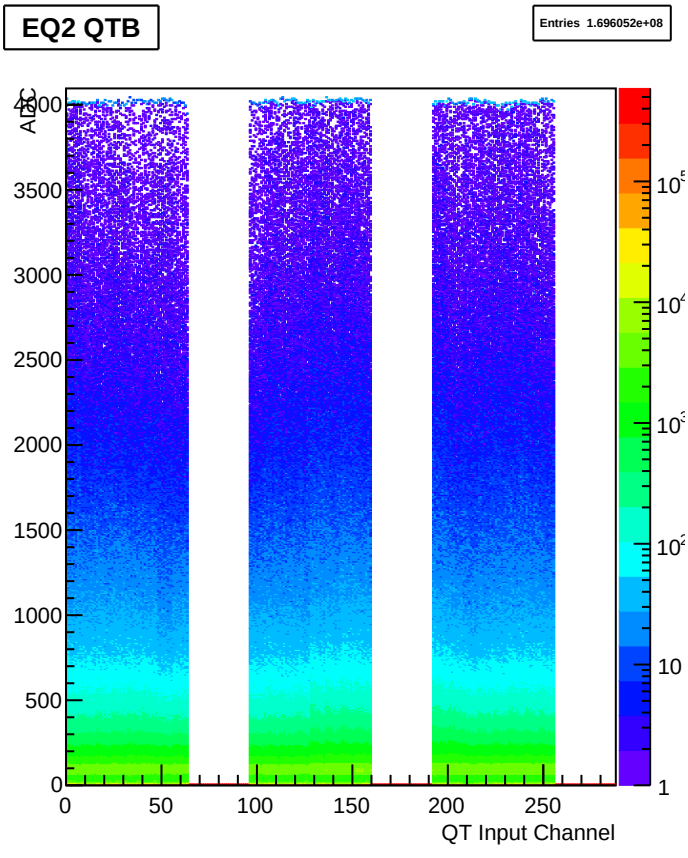

BBQ-VP002 West
Entries 9422512
TADC
QT Input Channel

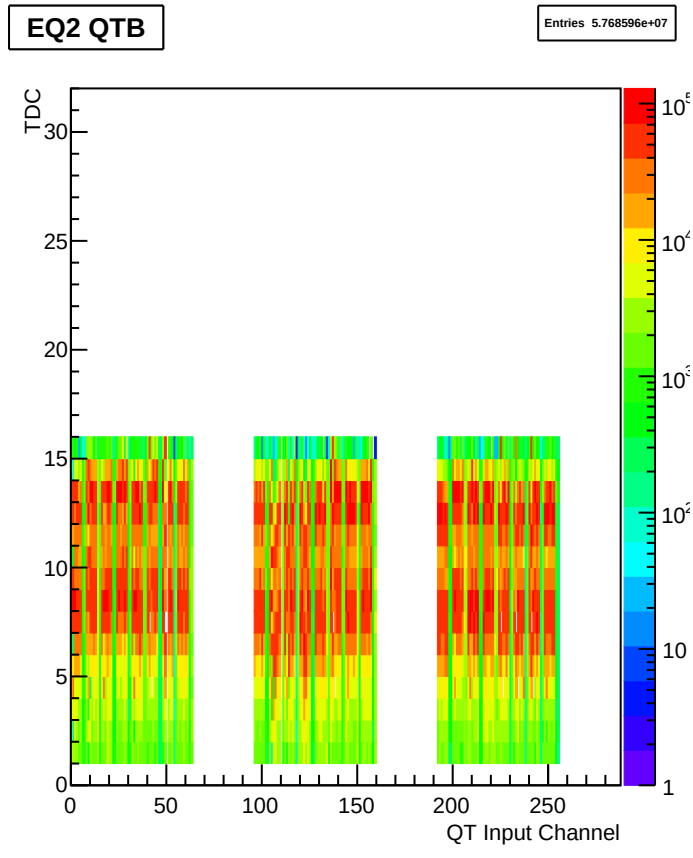

EQ1 QTB
Entries 1.696052e+08
ADC
QT Input Channel

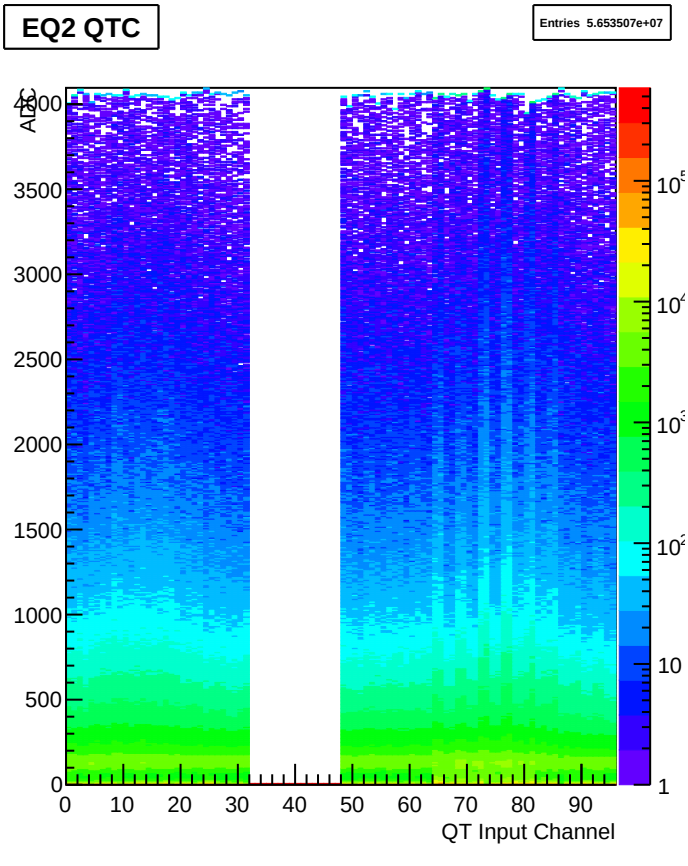

EQ1 QTB
Entries 6.058537e+07
TDC
QT Input Channel

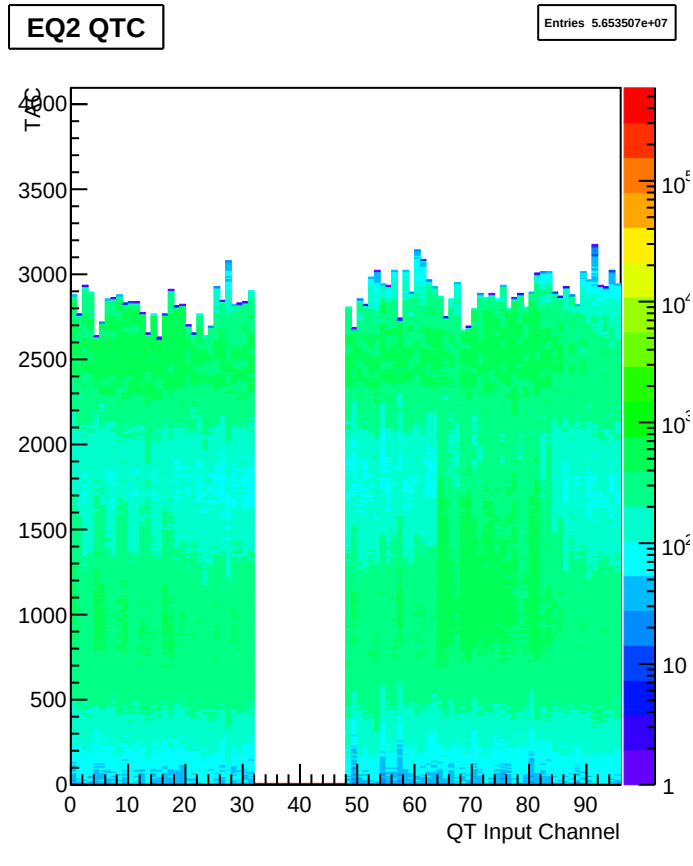

EQ1 QTC
Entries 5.653507e+07
ADC
QT Input Channel

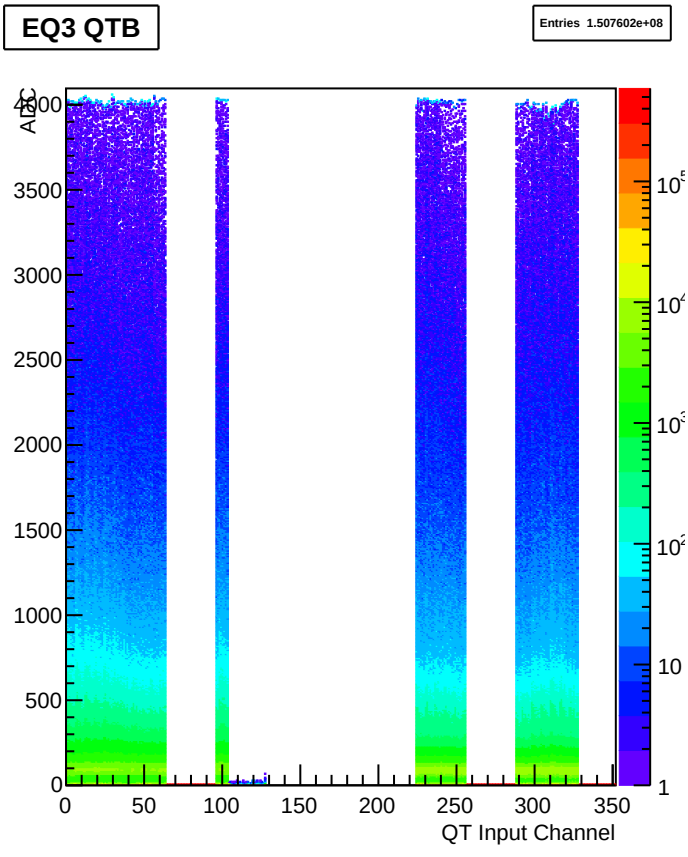

EQ1 QTC
Entries 5.653507e+07
TADC
QT Input Channel

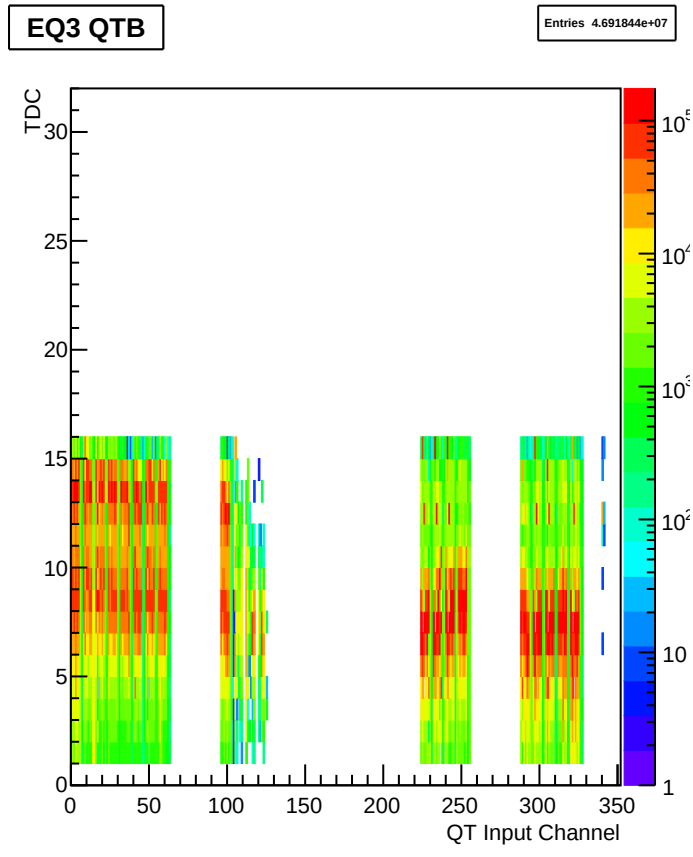

EQ2 QTB
Entries 1.696052e+08
ADC
QT Input Channel

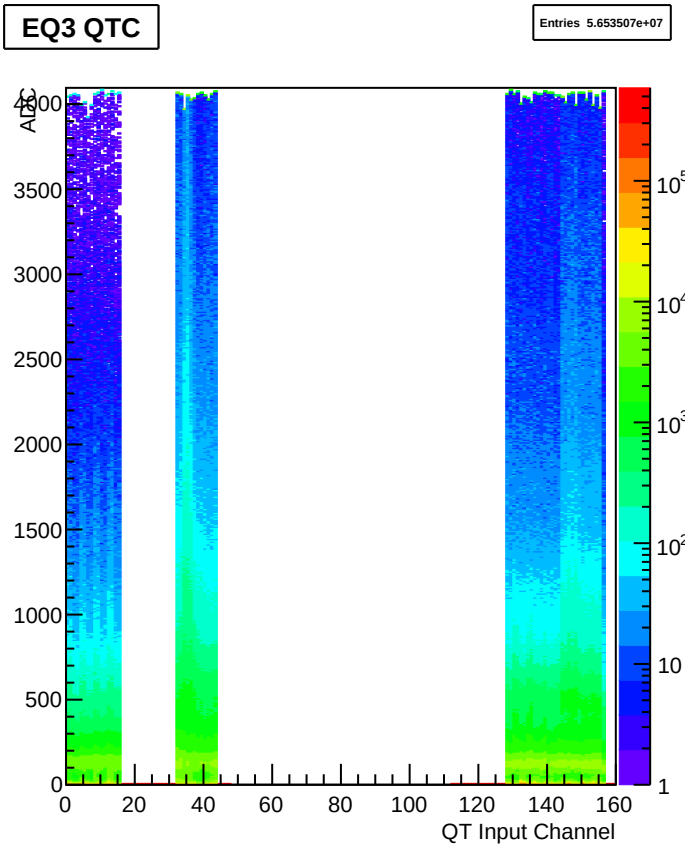

EQ2 QTB
Entries 5.768596e+07
TDC
QT Input Channel


EQ2 QTC
Entries 5.653507e+07
ADC
QT Input Channel


EQ2 QTC
Entries 5.653507e+07
TADC
QT Input Channel


EQ3 QTB
Entries 1.507602e+08
ADC
QT Input Channel


EQ3 QTB
Entries 4.691844e+07
TDC
QT Input Channel


EQ3 QTC
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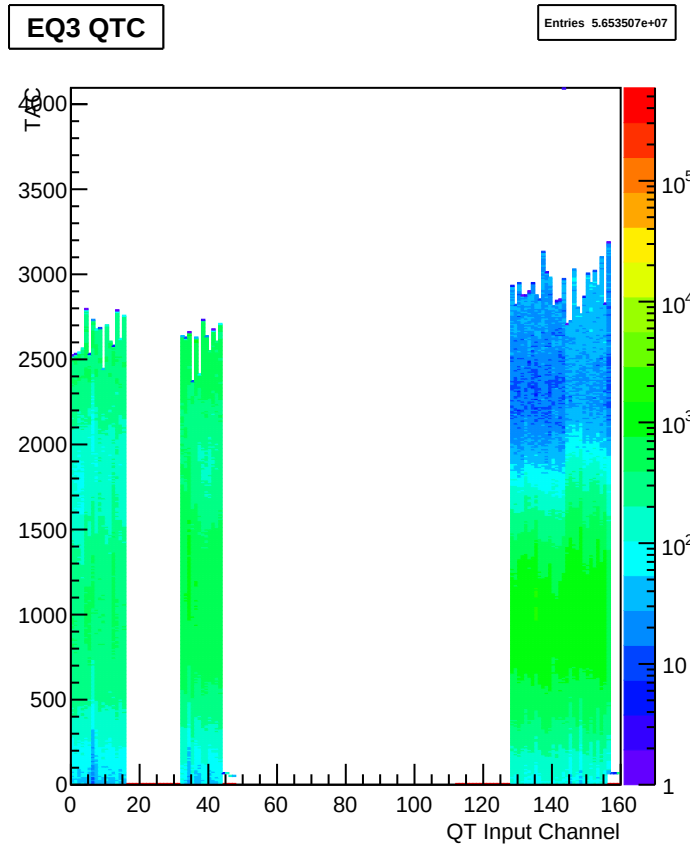
ADC
QT Input Channel


EQ3 QTC
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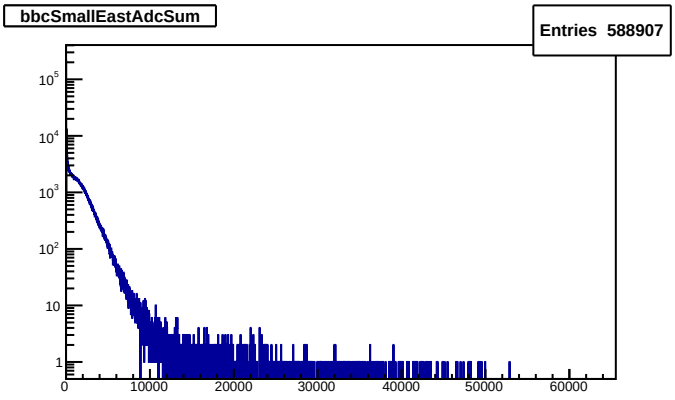
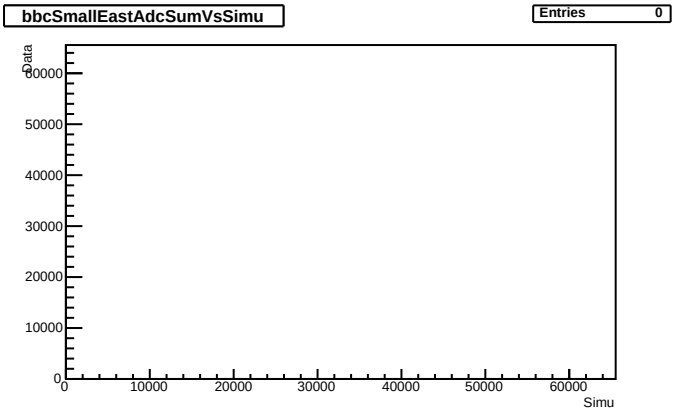
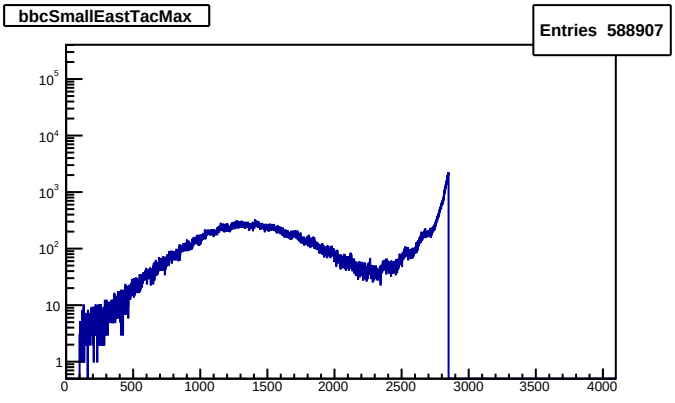
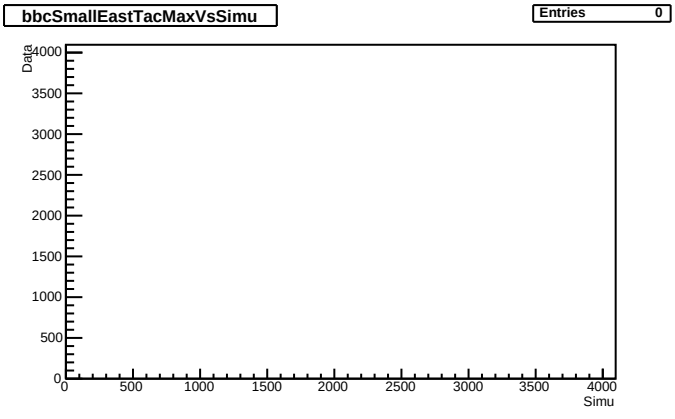
QT Input Channel


bbcSmallEastAdcSum
Entries 588907


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 588907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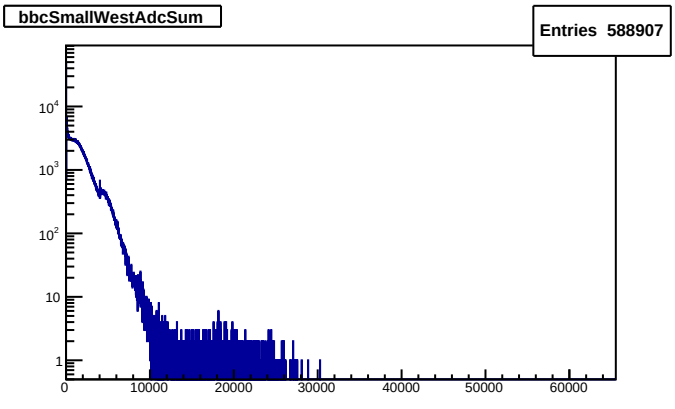
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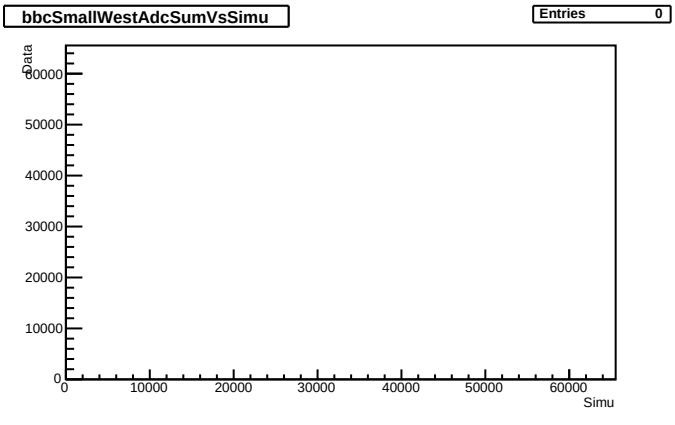
Entries 588907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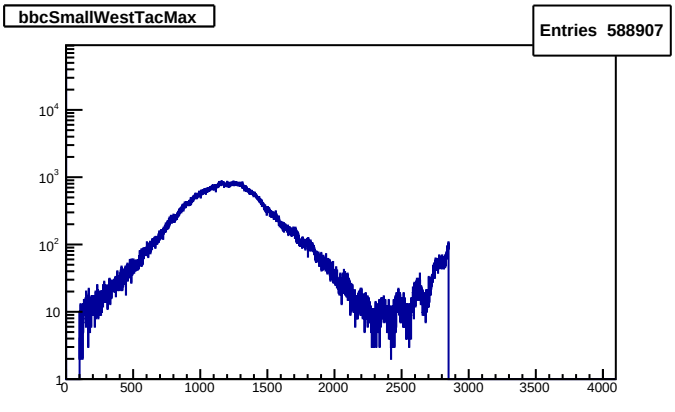
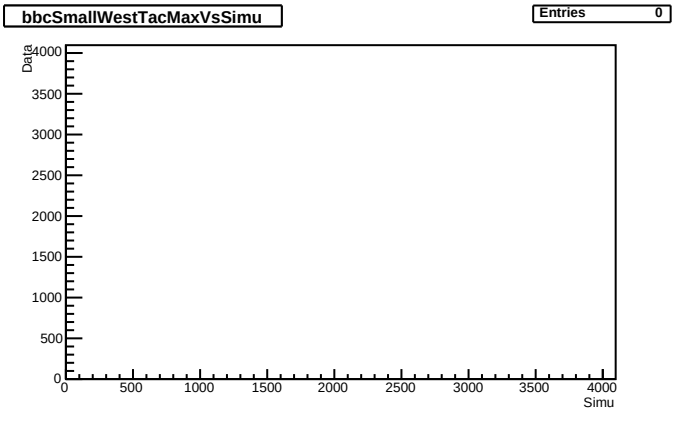
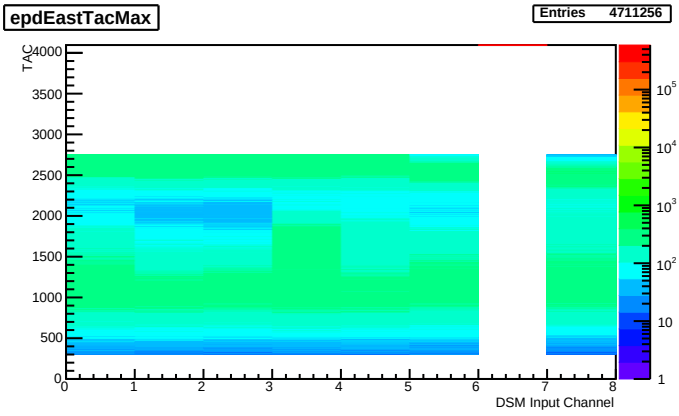
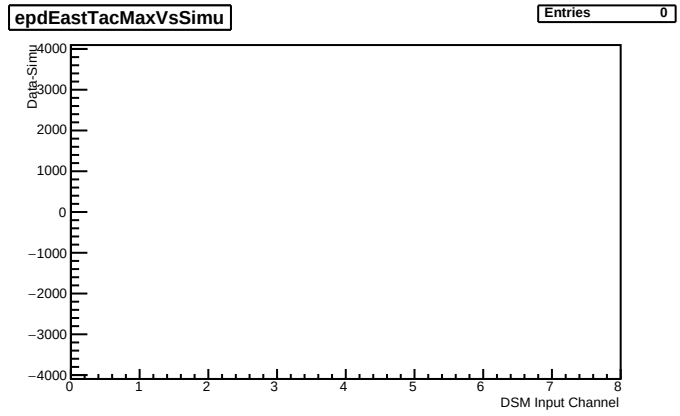
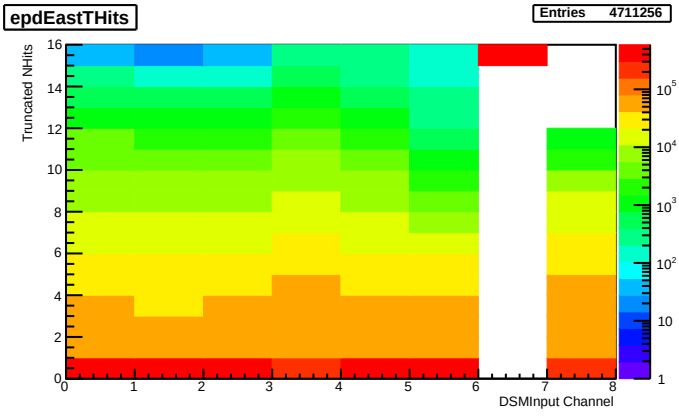
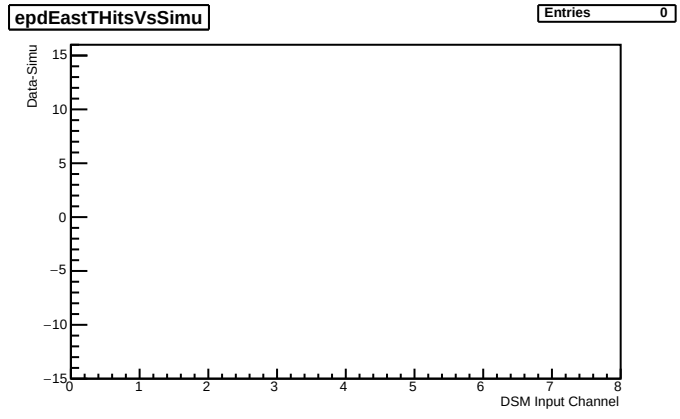

bbcSmallWestTacMax
Entries 588907


bbcSmallWestTacMaxVsSimu
Entries 0
Data
Simu


epdEastTacMax
Entries 4711256
TAC
DSM Input Channel


epdEastTacMaxVsSimu
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 4711256
Truncated NHits
DSMInput Channel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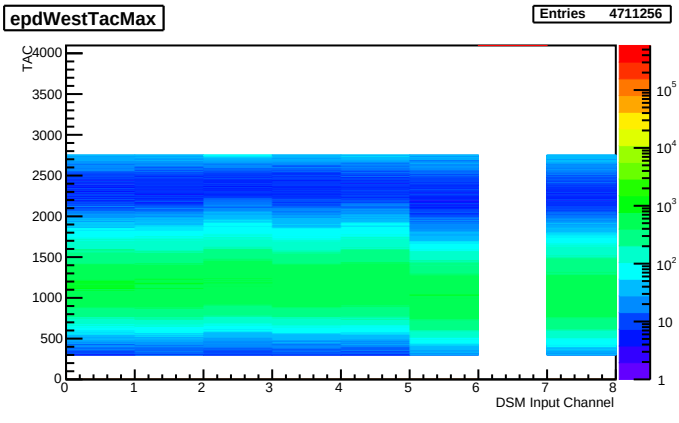
Entries 0
Data-Simu
DSM Input Channel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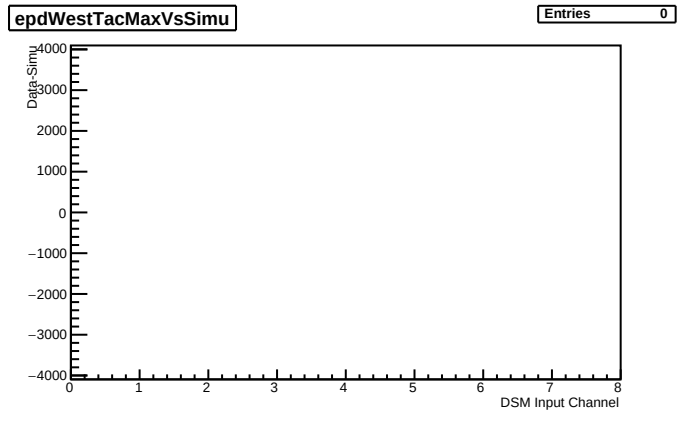
Entries 4711256
TAC
DSM Input Channel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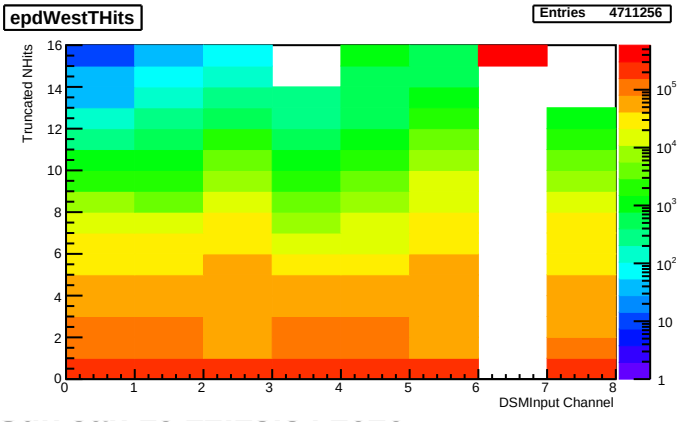
Entries 0
Data-Simu
DSM Input Channel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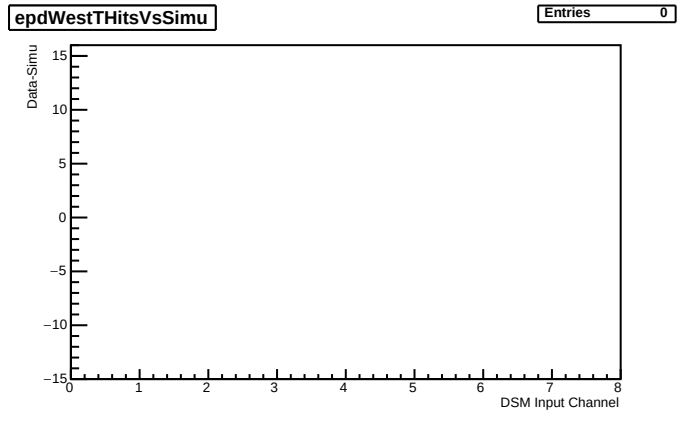
Entries 4711256
Truncated NHits
DSMInput Channel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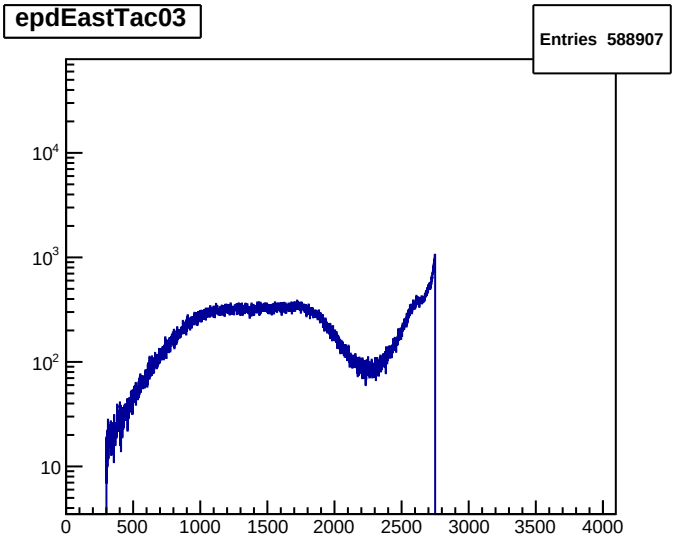
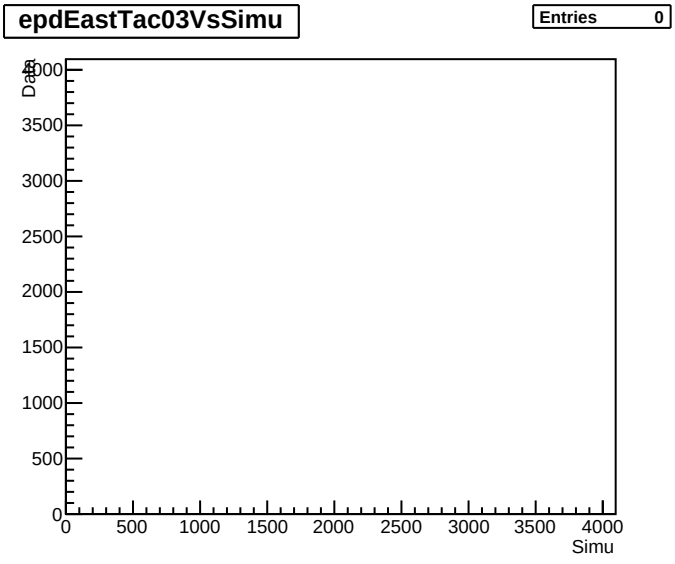
Entries 0
Data-Simu
DSM Input Channel


epdEastTac03
Entries 588907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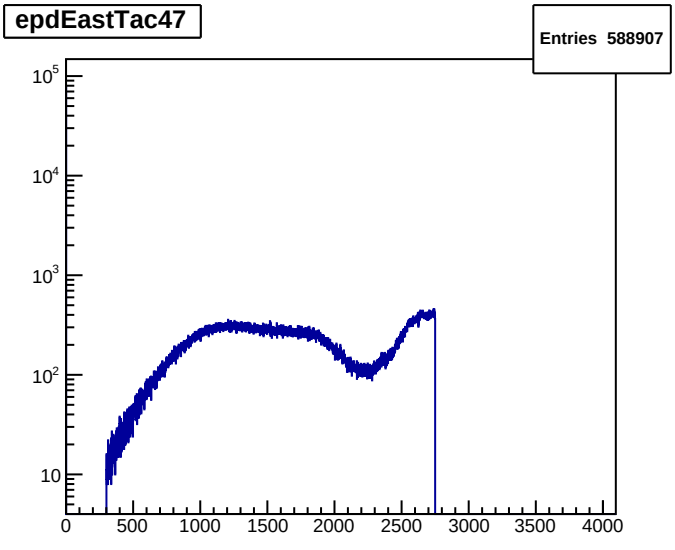
Entries 0
Data
Simu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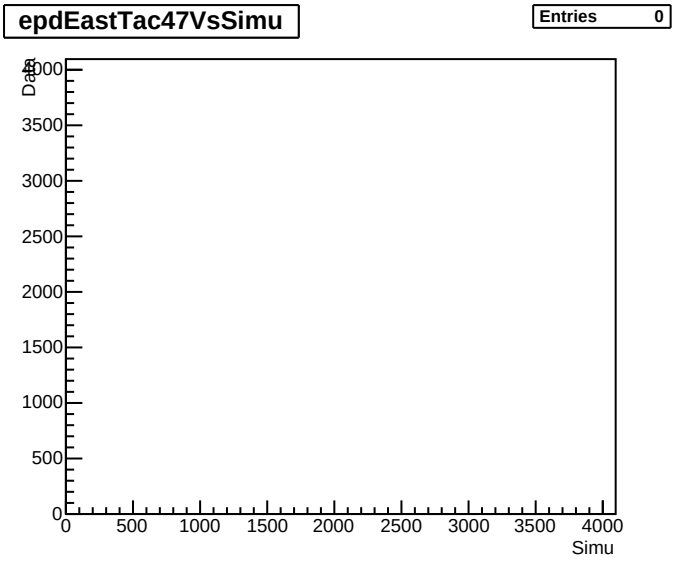
Entries 588907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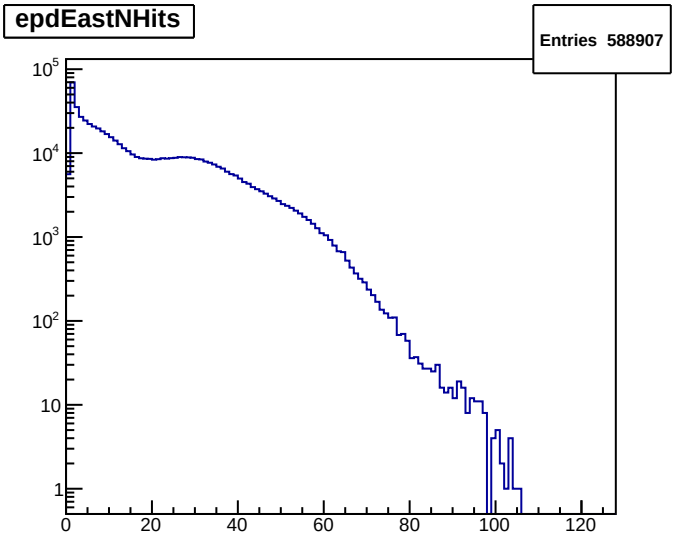
Entries 0
Data
Simu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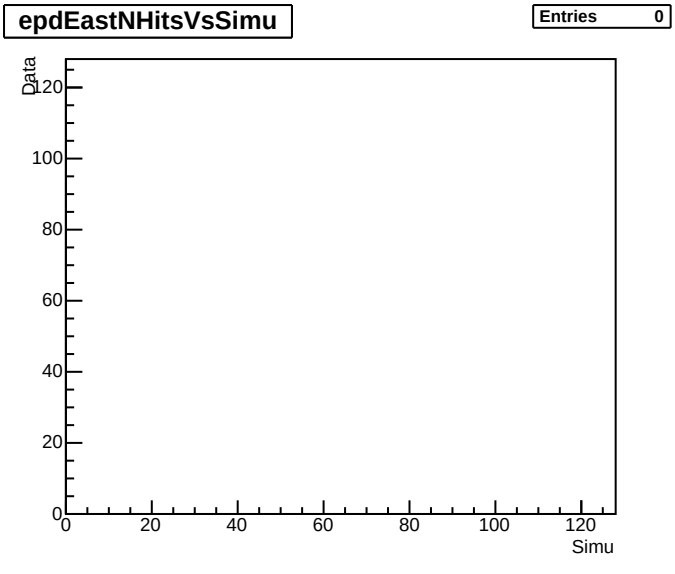
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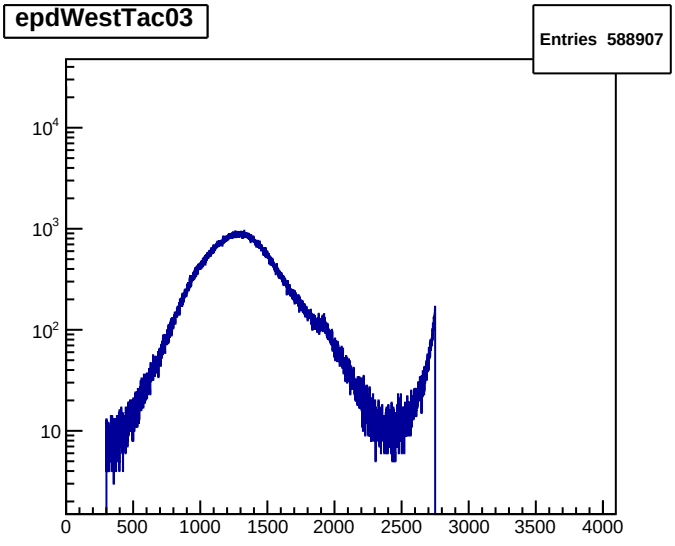
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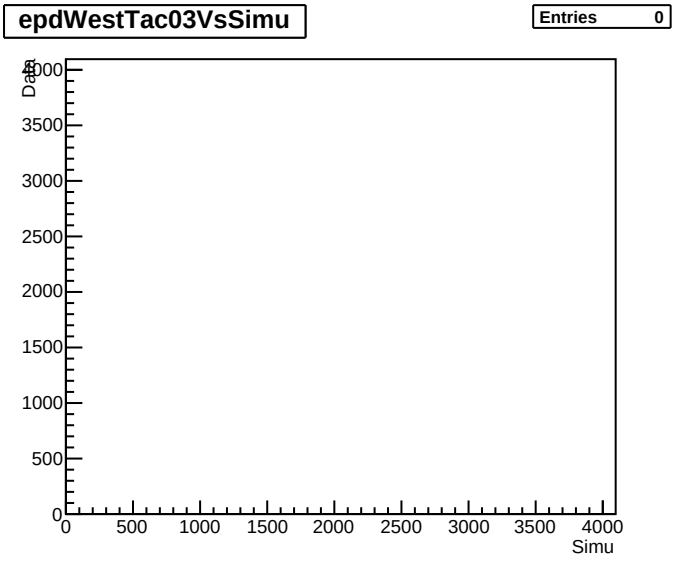
Entries 588907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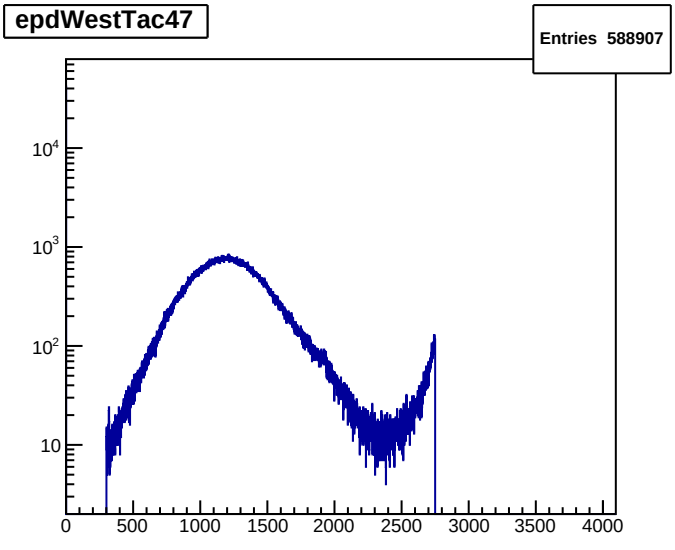
Entries 0
Data
Simu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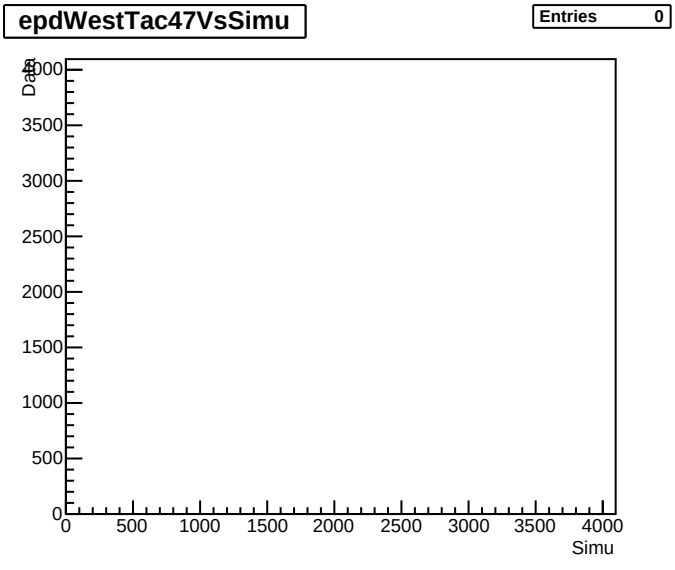
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Entries 0
Data
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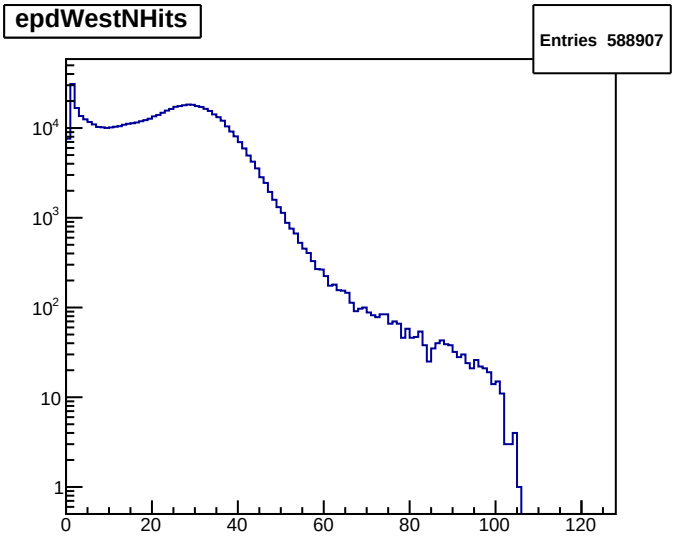
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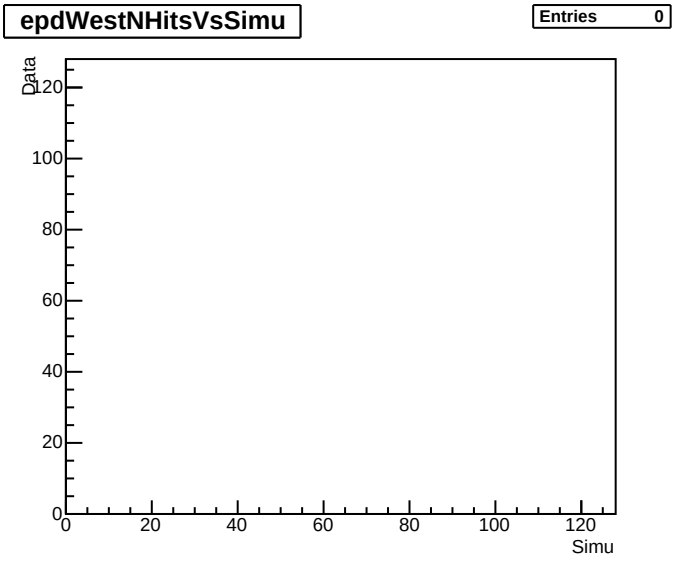
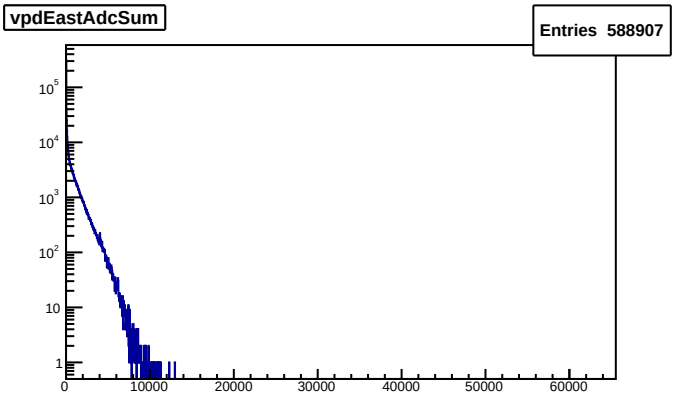
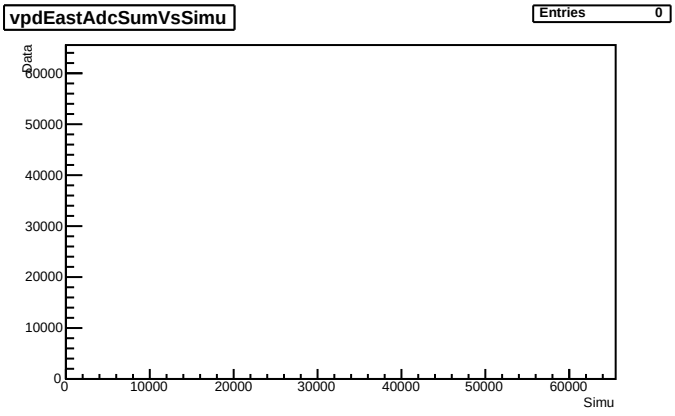
Entries 588907


epdWestNHitsVsSimu
Entries 0
Data
Simu


vpdEastAdcSum
Entries 588907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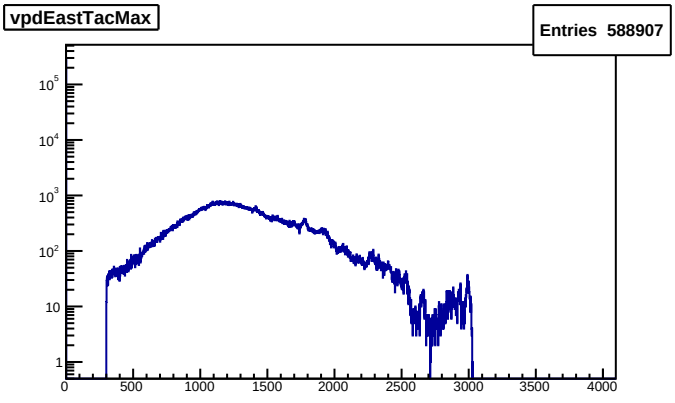
Entries 0
Data
Simu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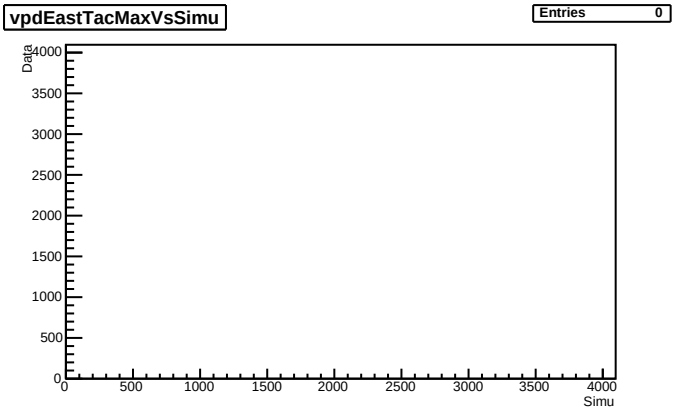
Entries 588907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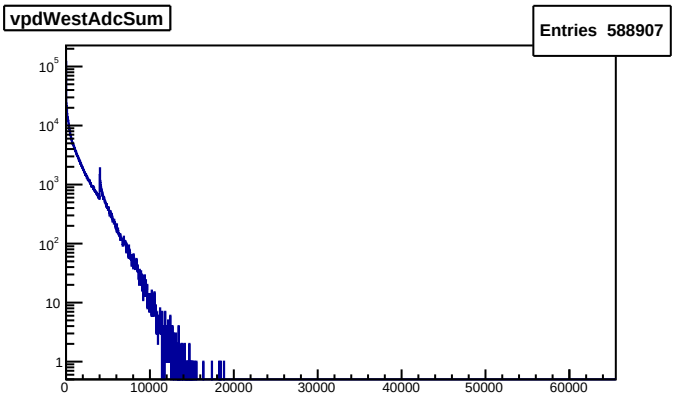
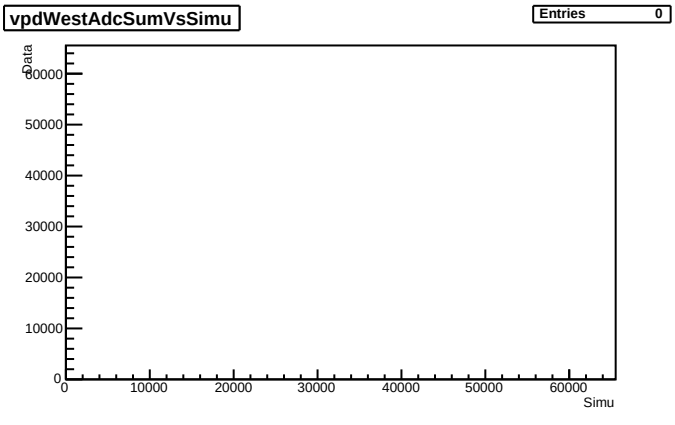
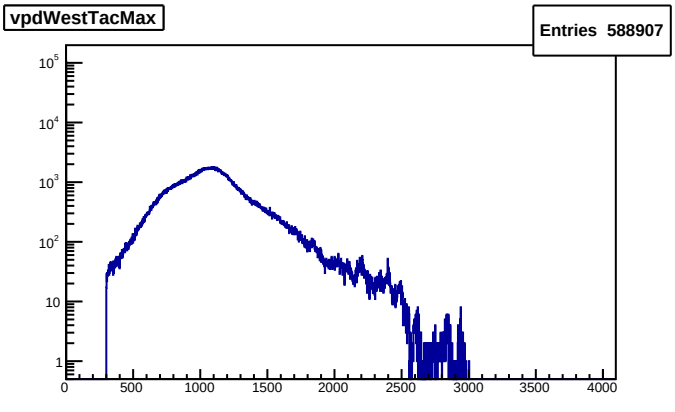
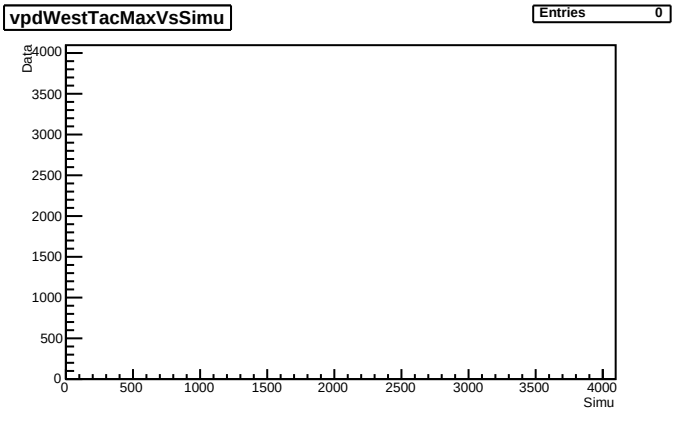
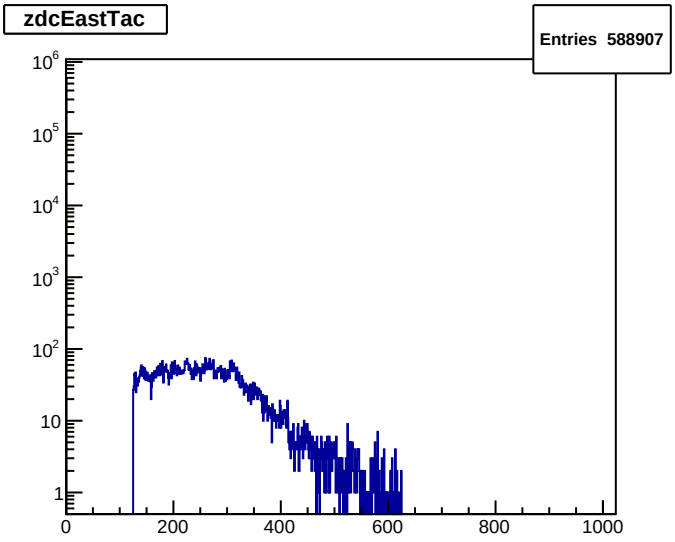
Entries 0
Data
Simu

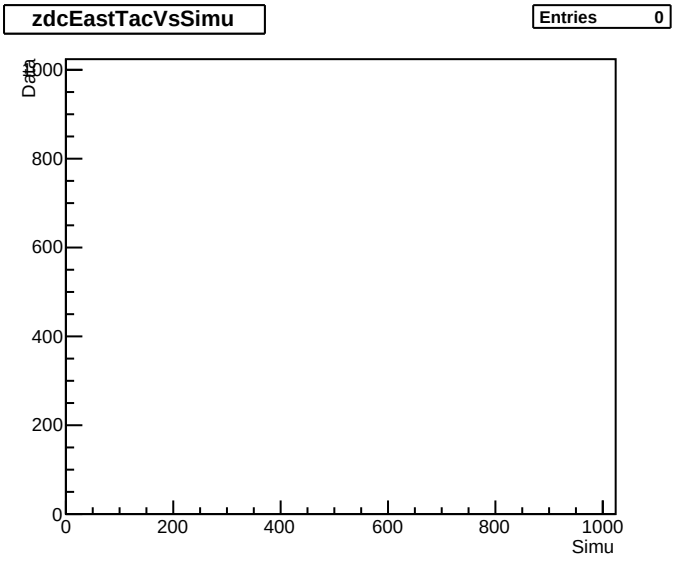

vpdWestAdcSum
Entries 588907


vpdWestAdcSumVsSimu
Entries 0
Data
Simu


vpdWestTacMax
Entries 588907


vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 588907


zdcEastTacVsSimu
Entries 0
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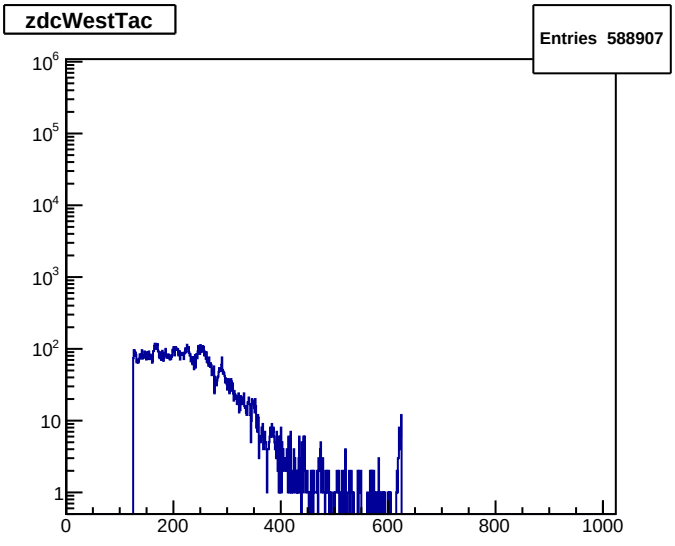
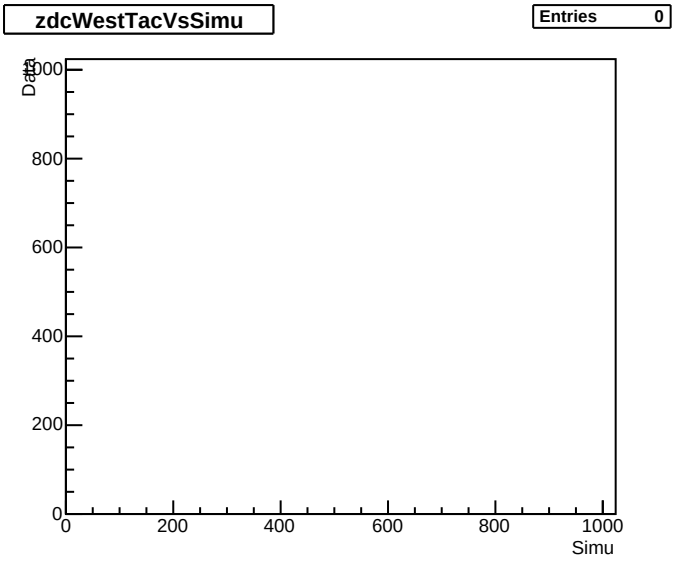
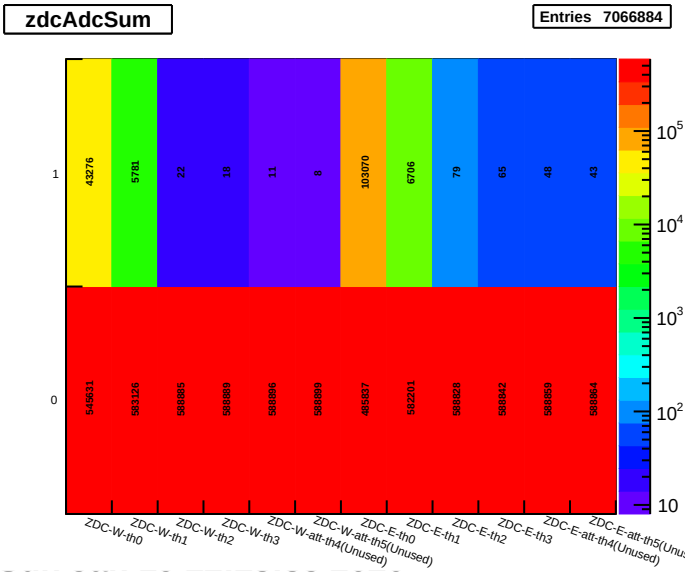
Simu


zdcWestTac
Entries 588907


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 7066884
43276
5781
22
18
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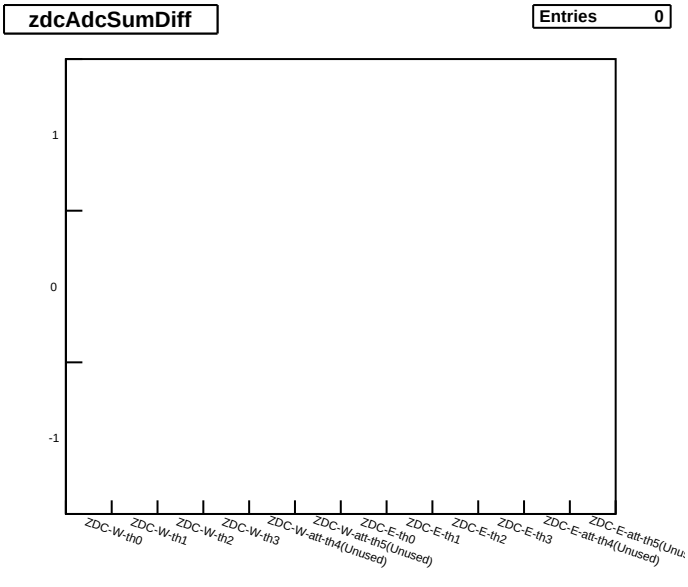
8
103070
6706
79
65
48
43
545631
583126
588885
588889
588896
588899
485837
582201
588828
588842
588859
588864
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)


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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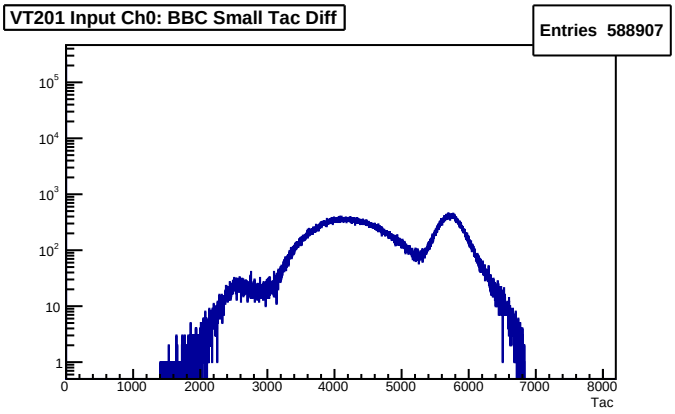
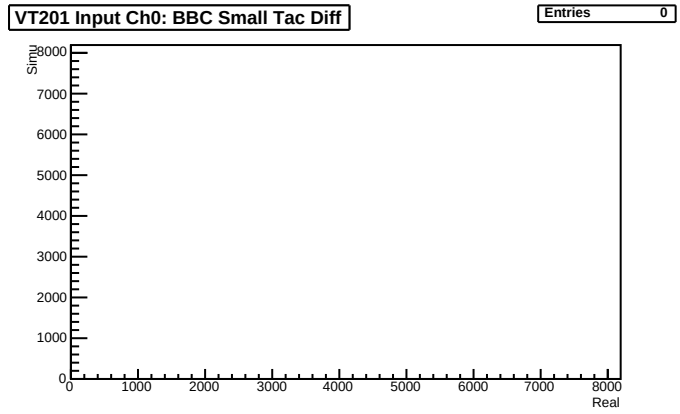
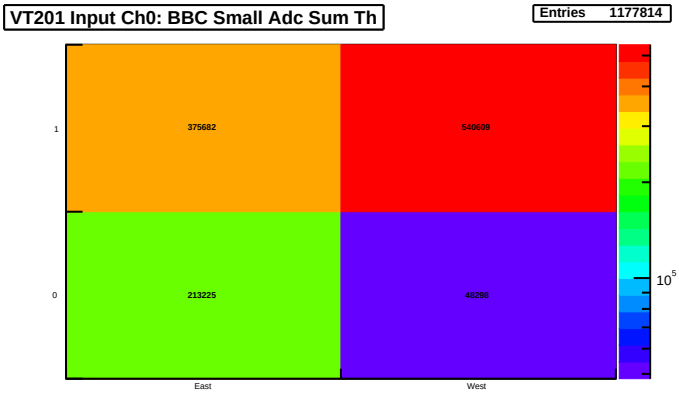
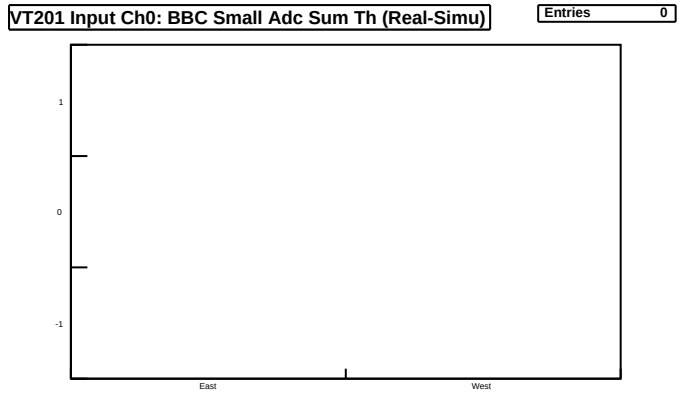
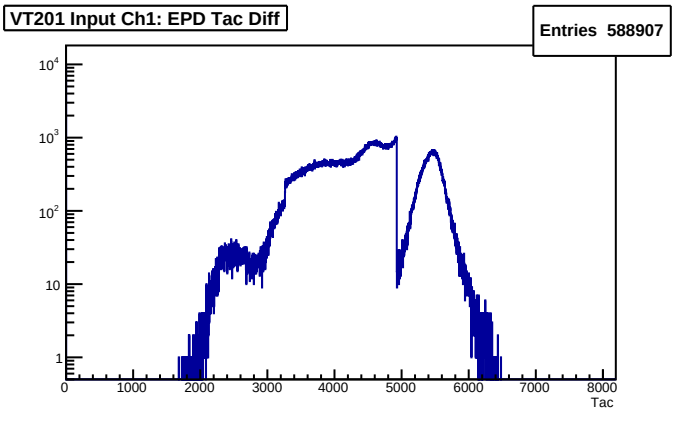
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

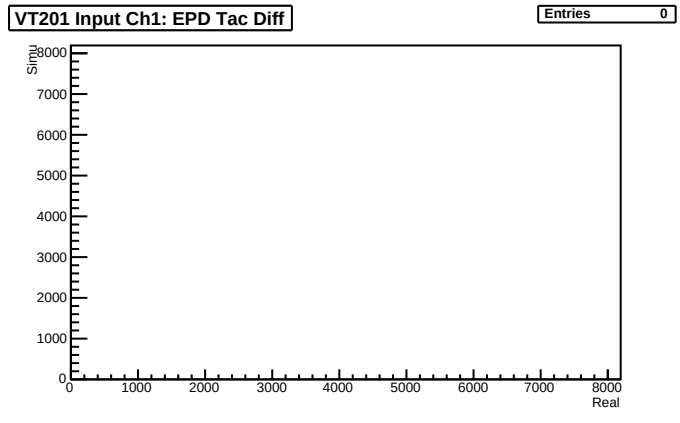

VT201 Input Ch0: BBC Small Tac Diff
Entries 588907
Tac

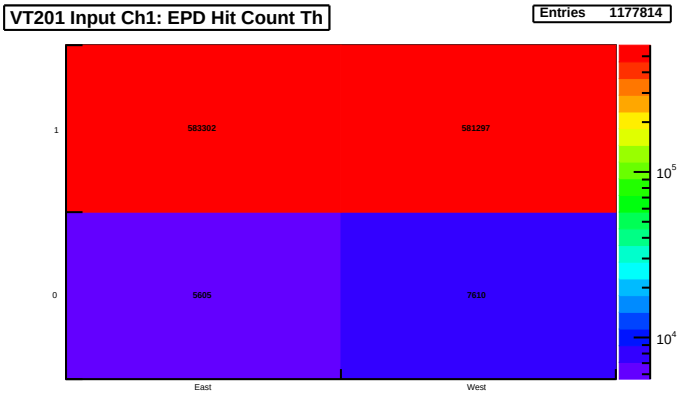

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

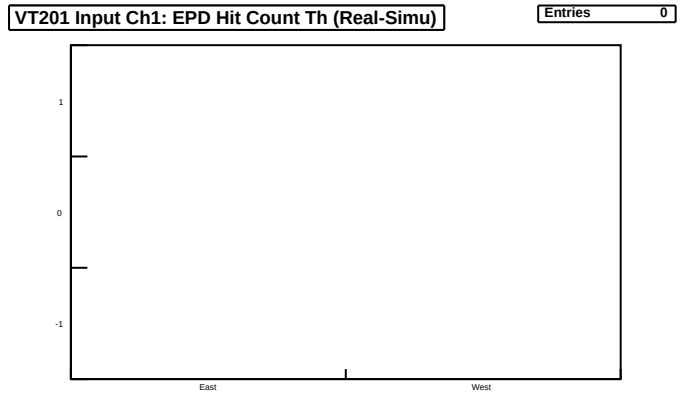

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 1177814
375682
540609
213225
48298
East
West

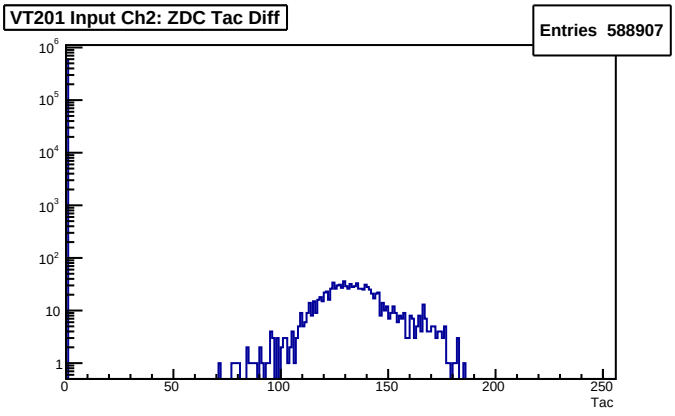

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

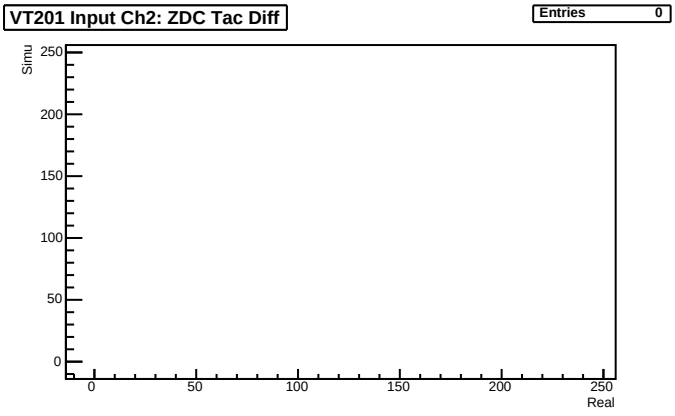

VT201 Input Ch1: EPD Tac Diff
Entries 588907
Tac

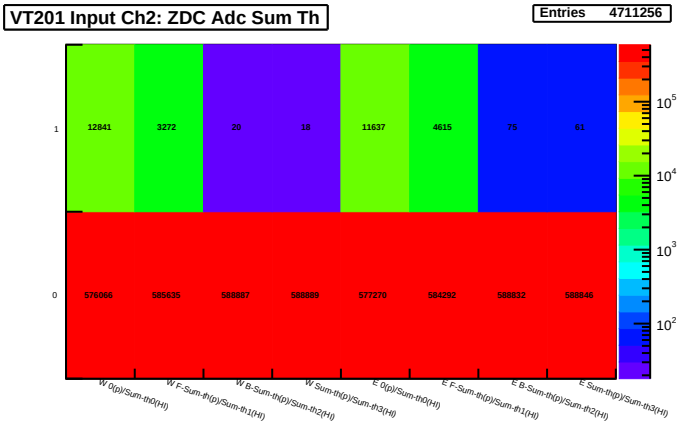

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

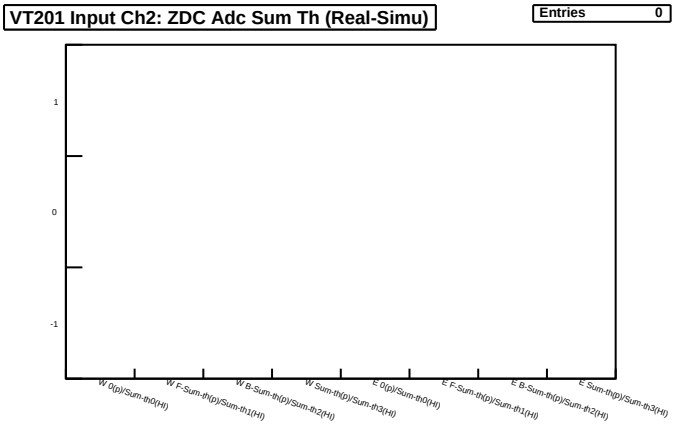

VT201 Input Ch1: EPD Hit Count Th
Entries 1177814
583302
581297
5605
7610
East
West

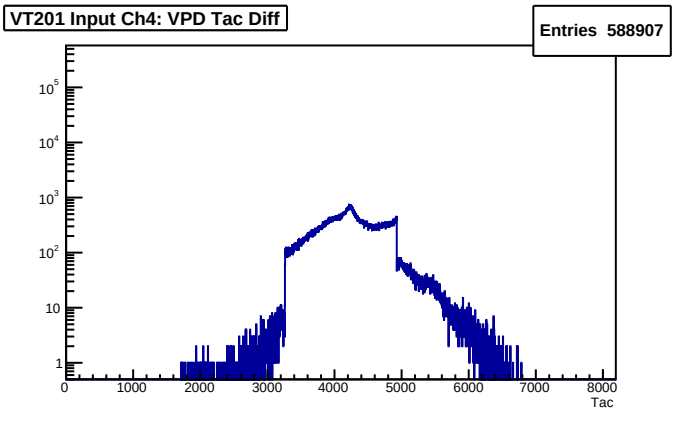

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

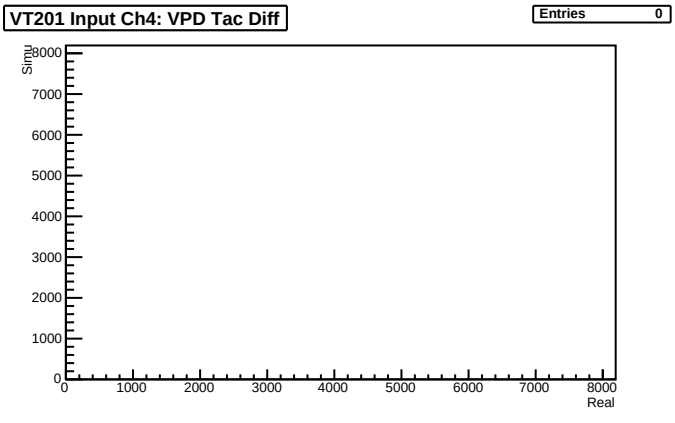

VT201 Input Ch2: ZDC Tac Diff
Entries 588907
Tac

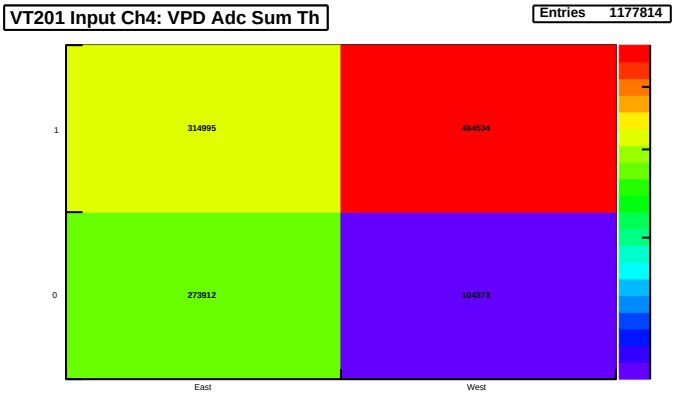

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

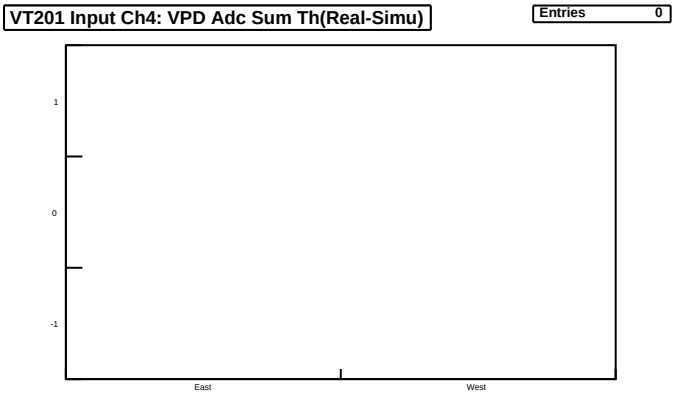

VT201 Input Ch2: ZDC Adc Sum Th
Entries 4711256
12841
3272
20
18
11637
4615
75
61
576066
585635
588887
588889
577270
584292
588832
588846
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

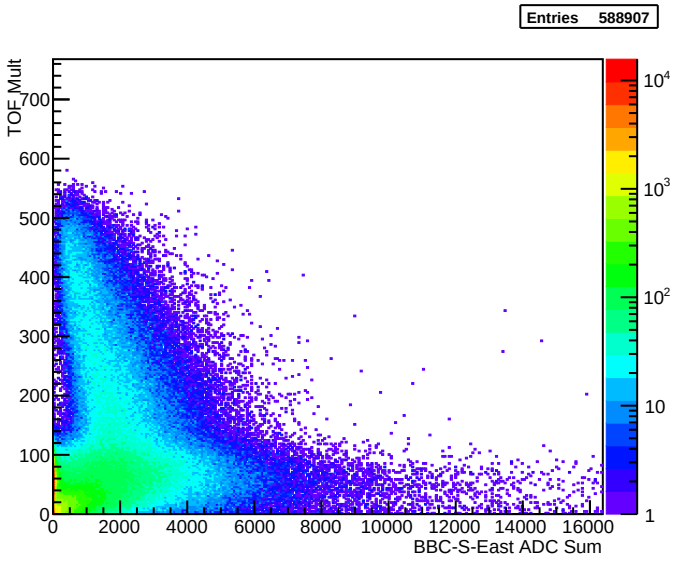

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(Hl)
W F-Sum-th(p)/Sum-th1(Hl)
W B-Sum-th(p)/Sum-th2(Hl)
W Sum-th(p)/Sum-th3(Hl)
E 0(p)/Sum-th0(Hl)
E F-Sum-th(p)/Sum-th1(Hl)
E B-Sum-th(p)/Sum-th2(Hl)
E Sum-th(p)/Sum-th3(Hl)

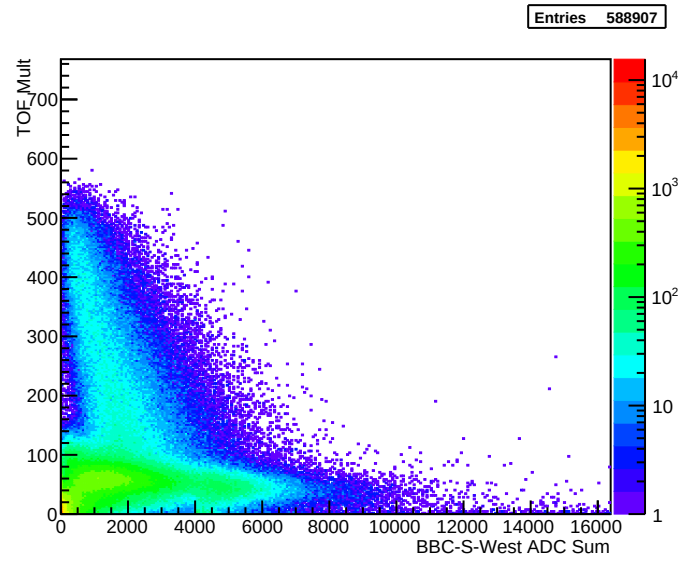

VT201 Input Ch4: VPD Tac Diff
Entries 588907
Tac

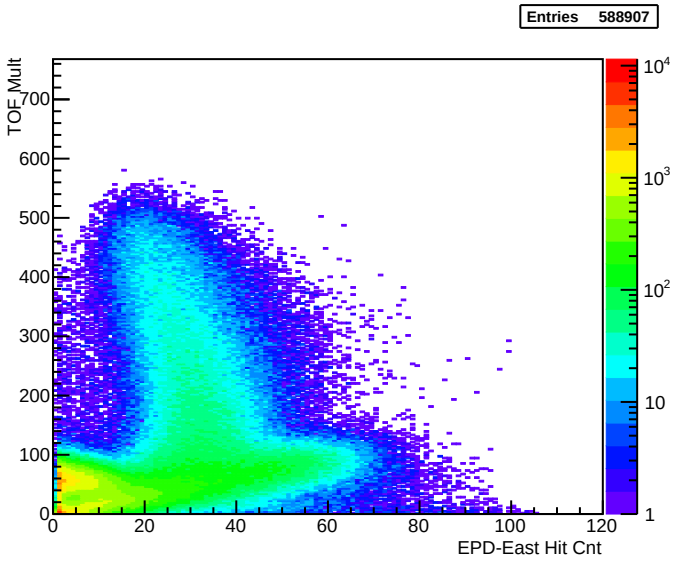

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

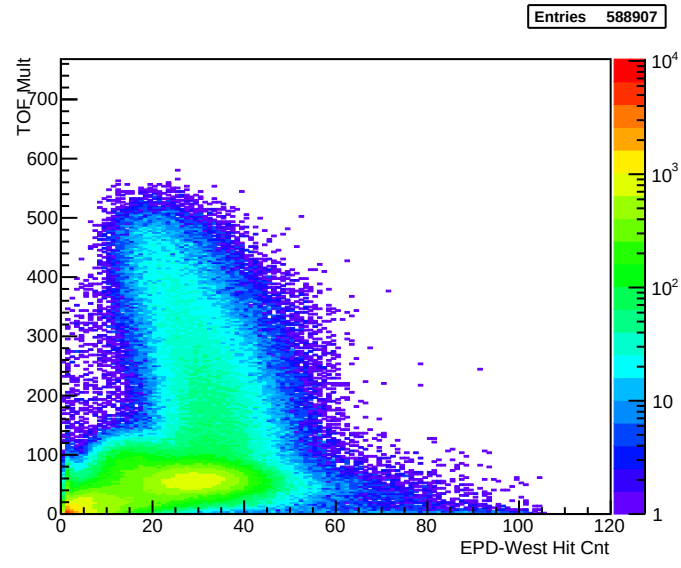

VT201 Input Ch4: VPD Adc Sum Th
Entries 1177814
314995
484534
273912
104373
East
West

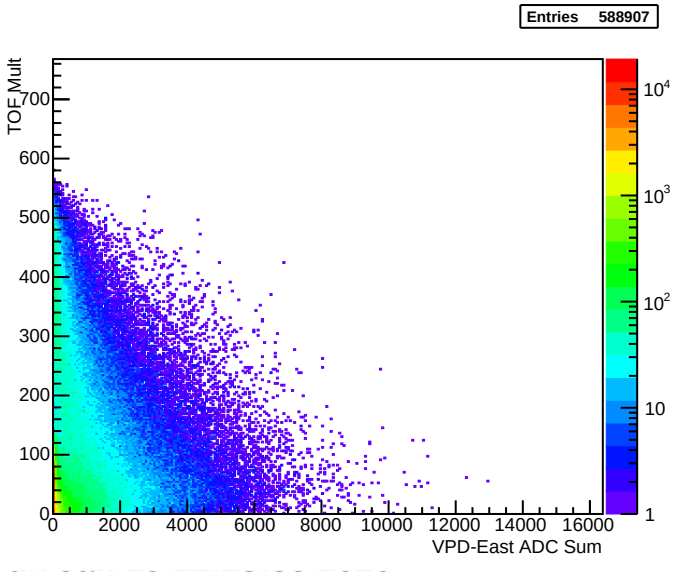

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

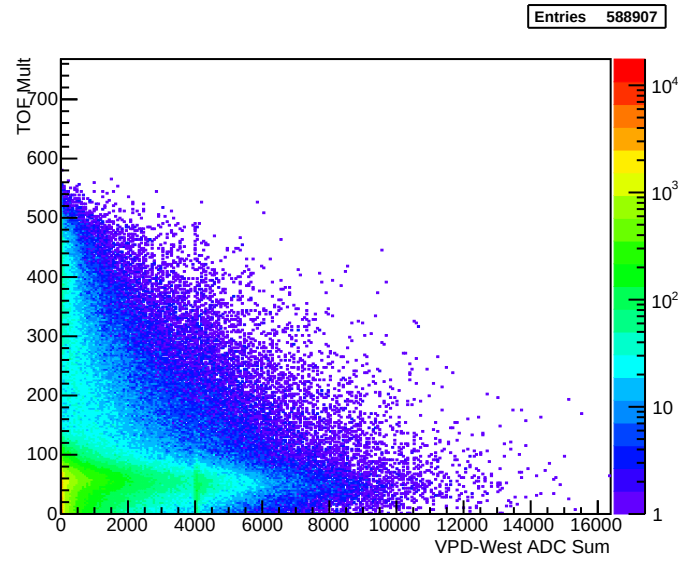

Entries 588907
TOF_Mult
BBC-S-East ADC Sum

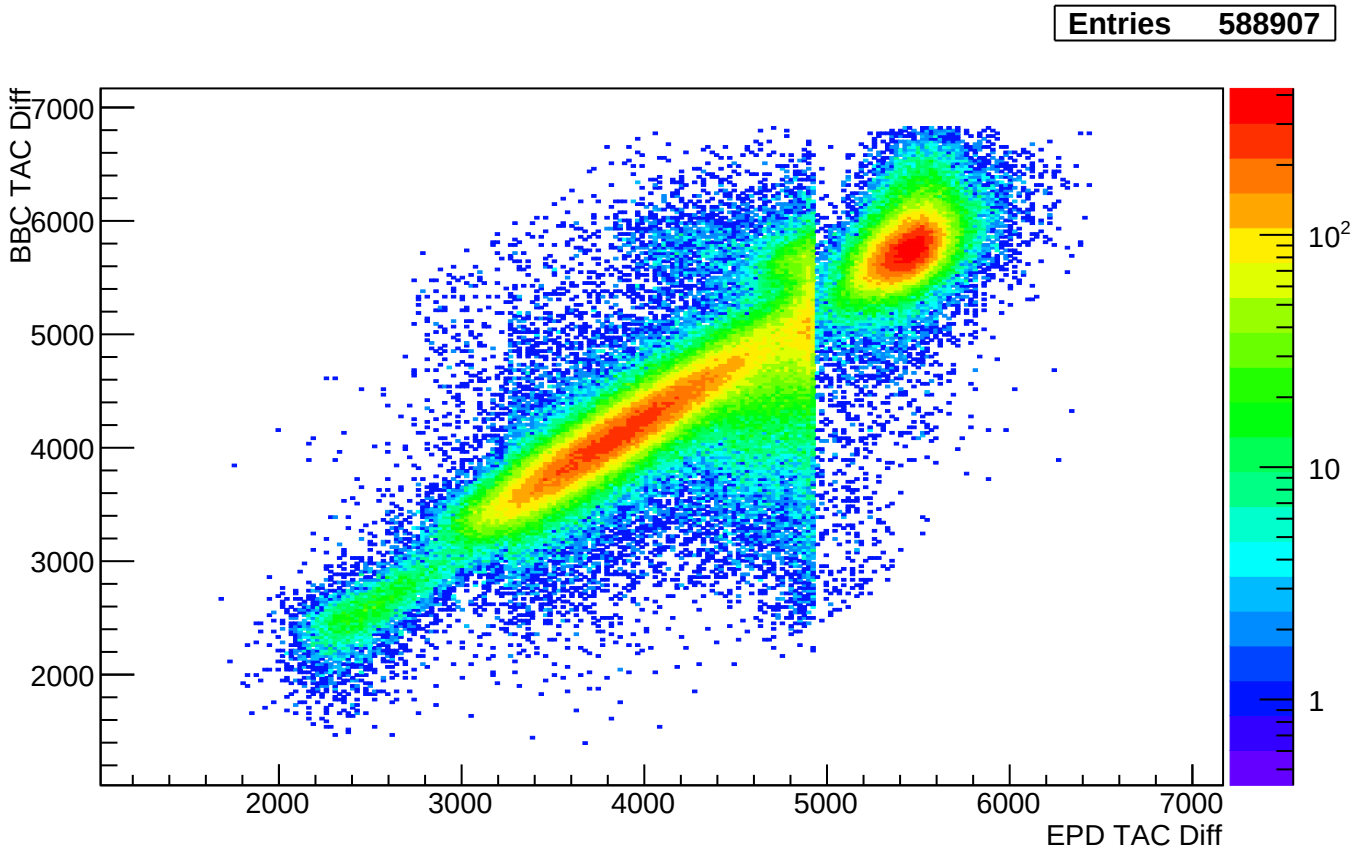

Entries 588907
TOF_Mult
BBC-S-West ADC Sum

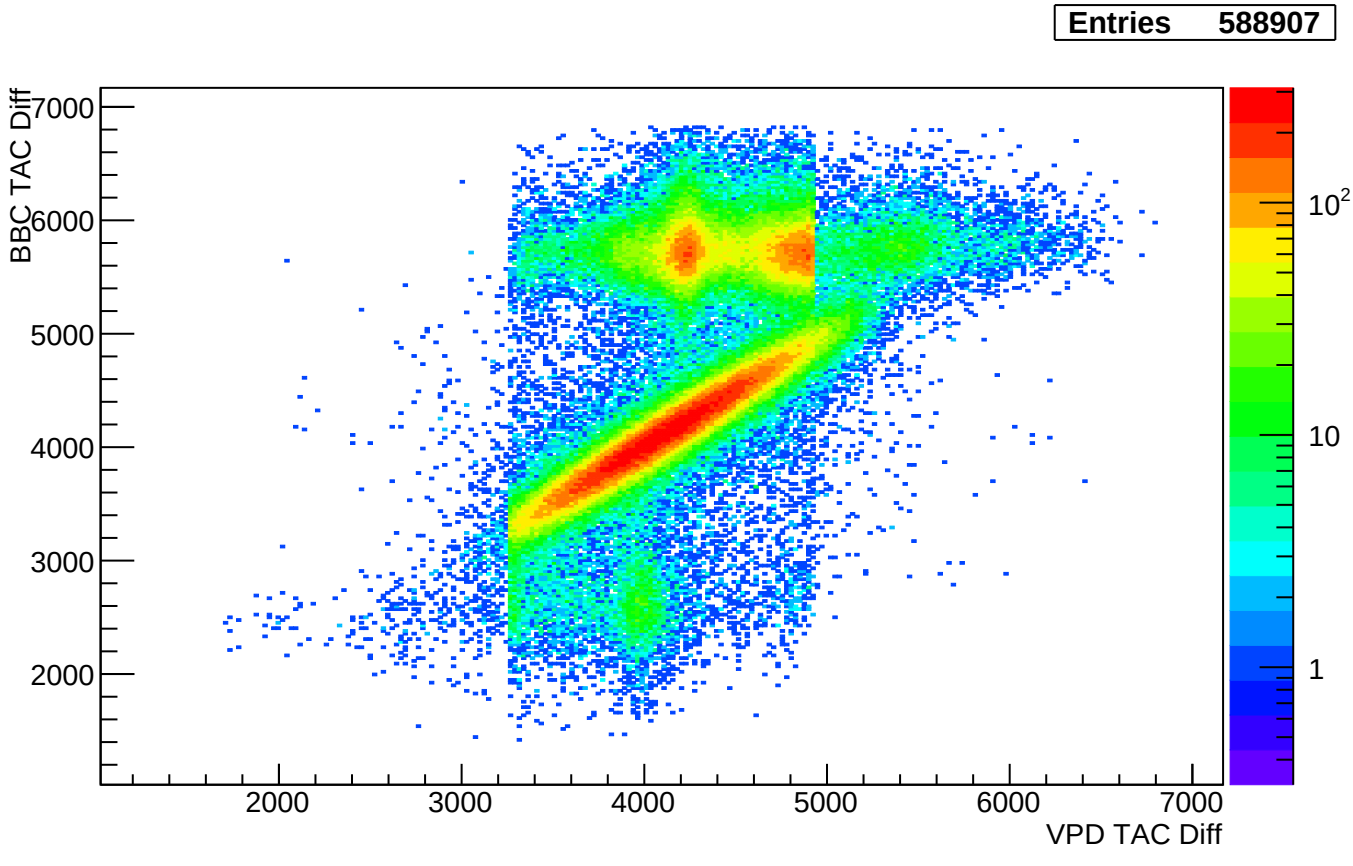

Entries 588907
TOF_Mult
EPD-East Hit Cnt

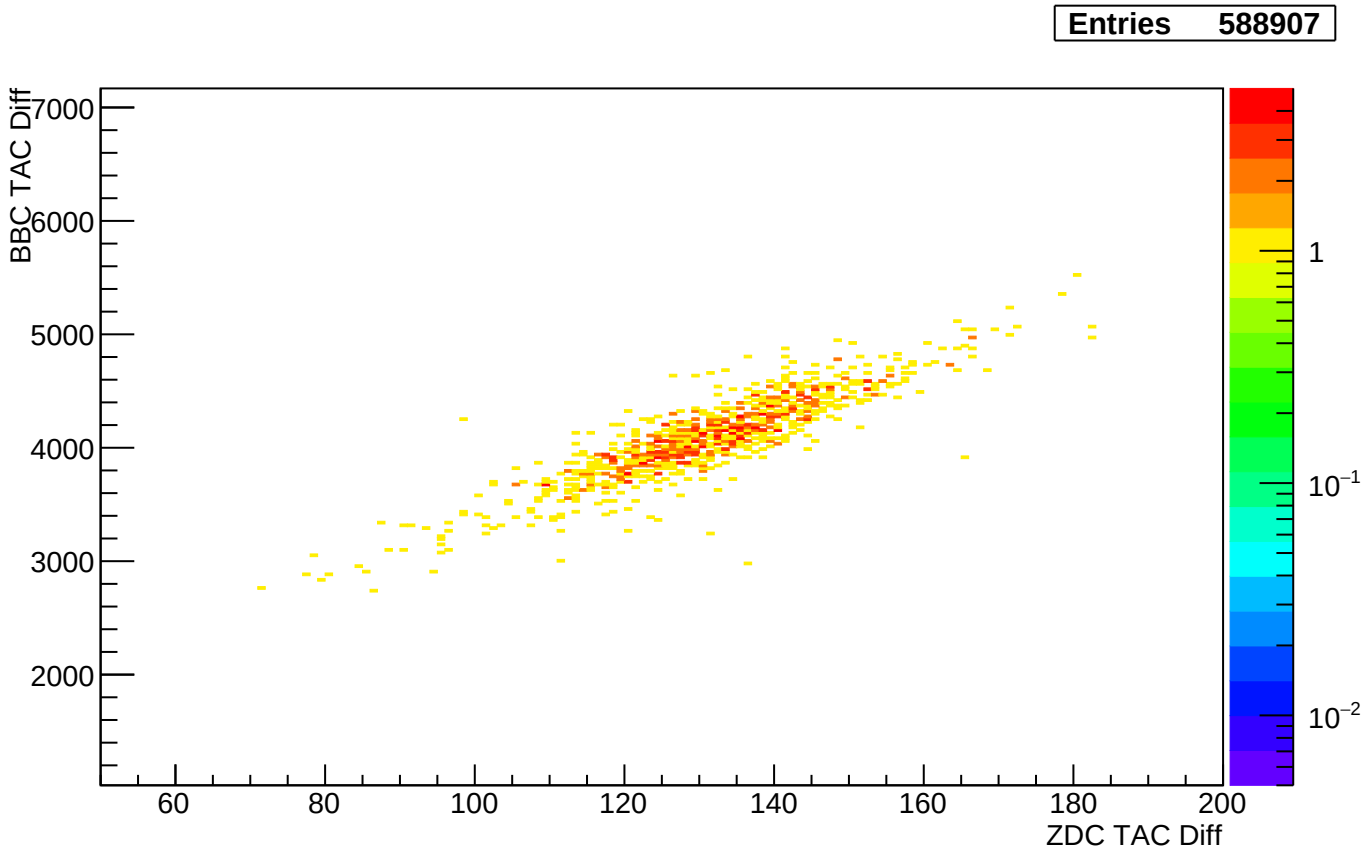

Entries 588907
TOF_Mult
EPD-West Hit Cnt

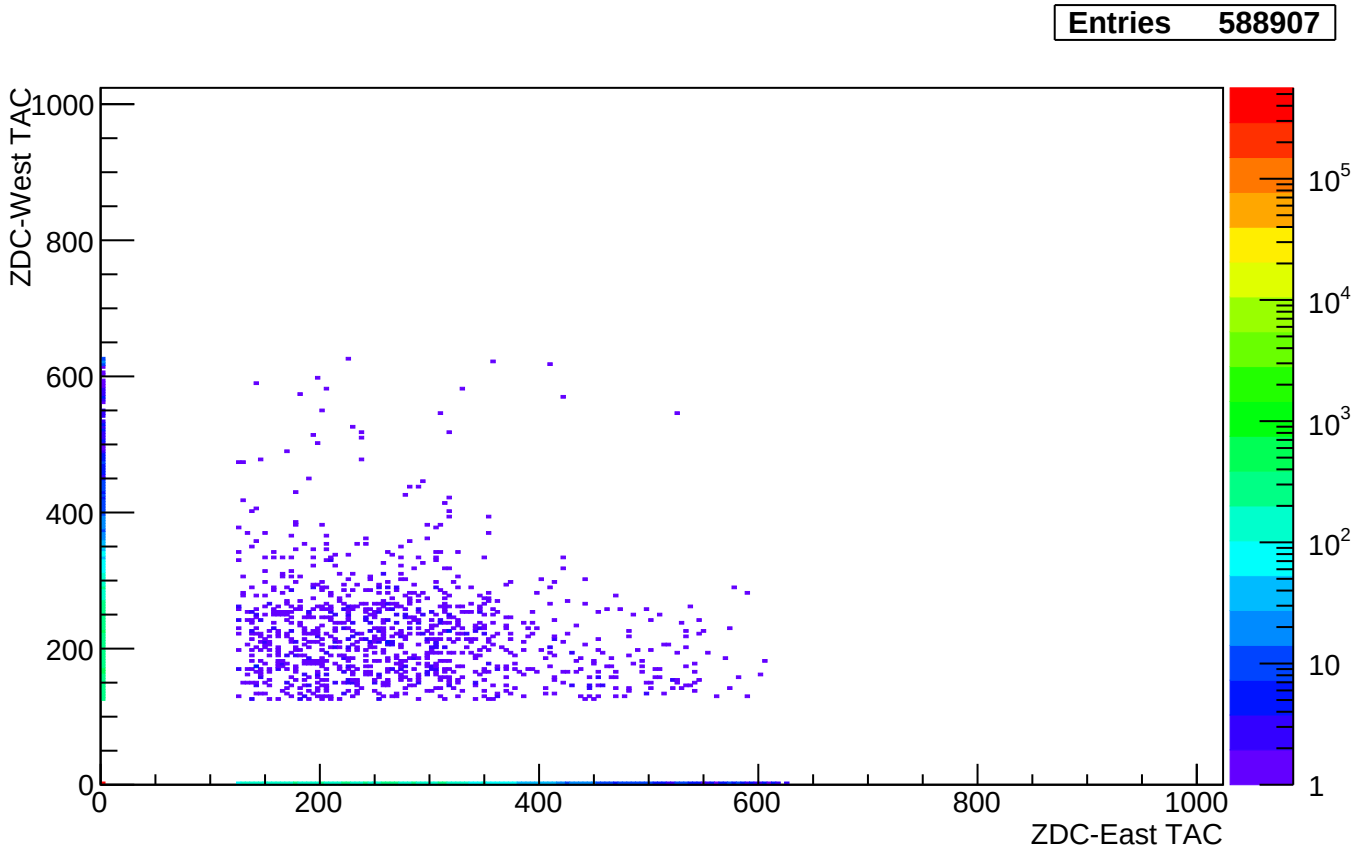

Entries 588907
TOF_Mult
VPD-East ADC Sum

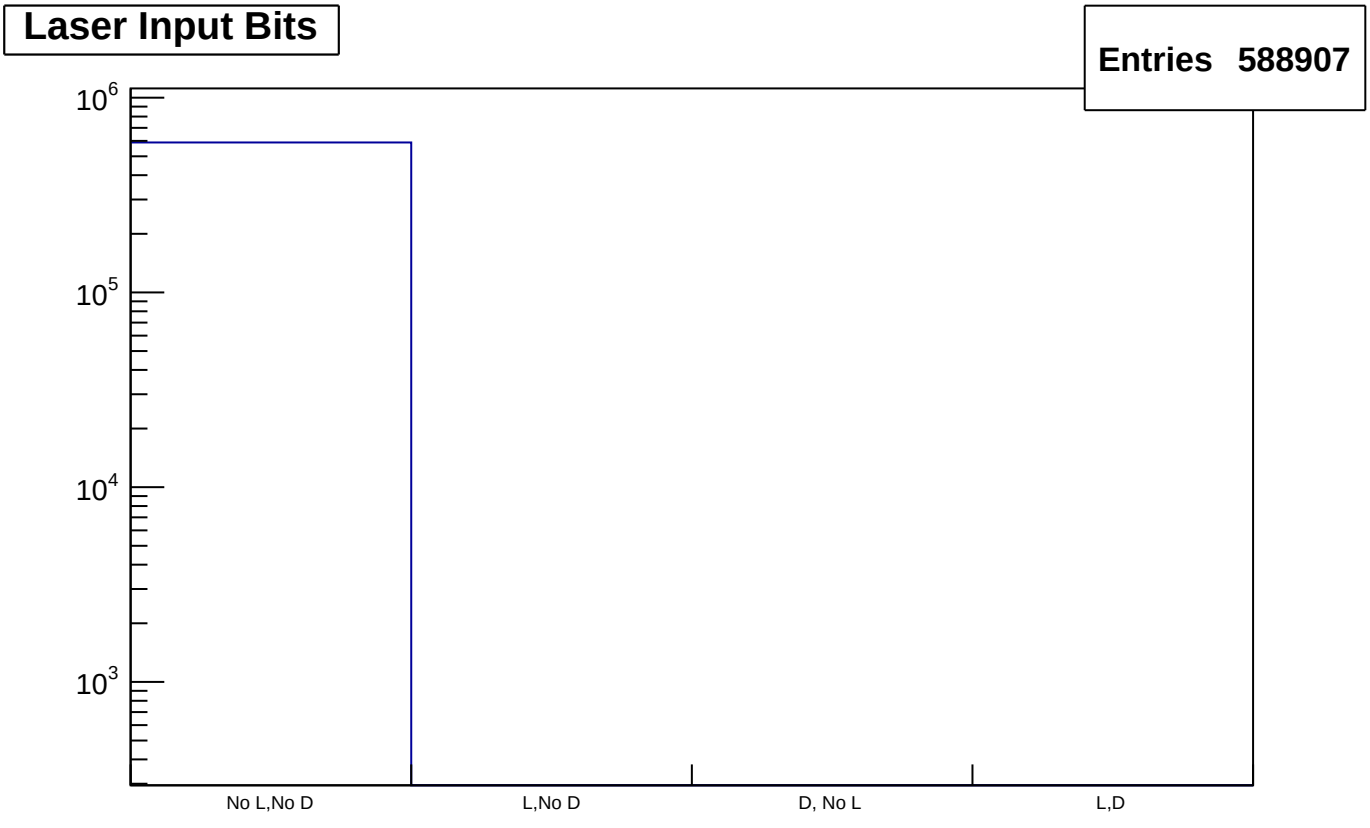

Entries 588907
TOF_Mult
VPD-West ADC Sum

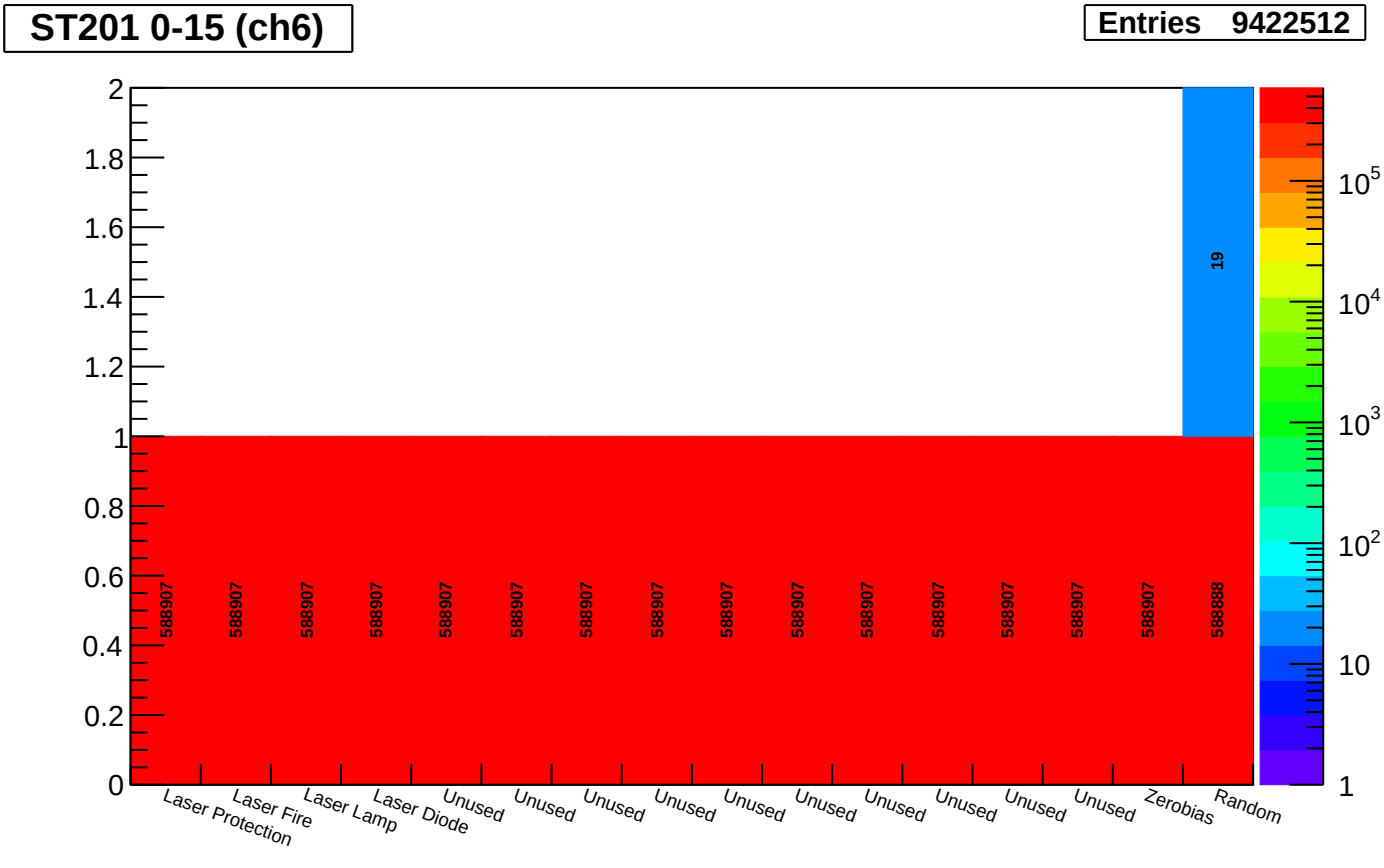

Entries 588907
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

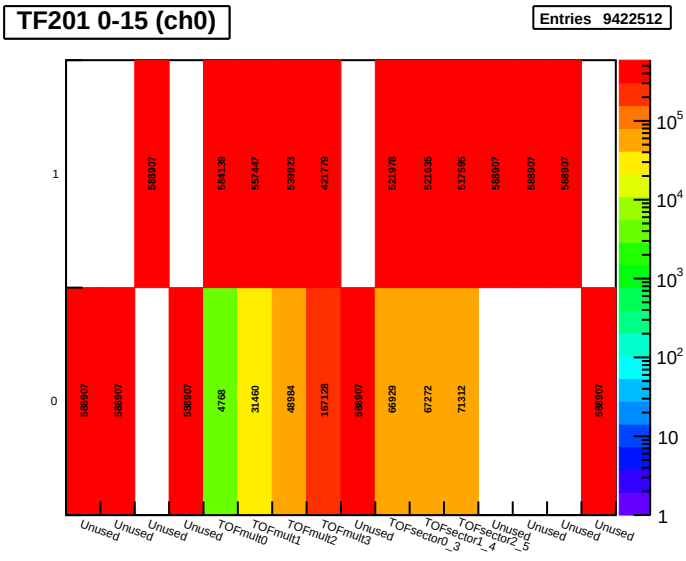

Entries 588907
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

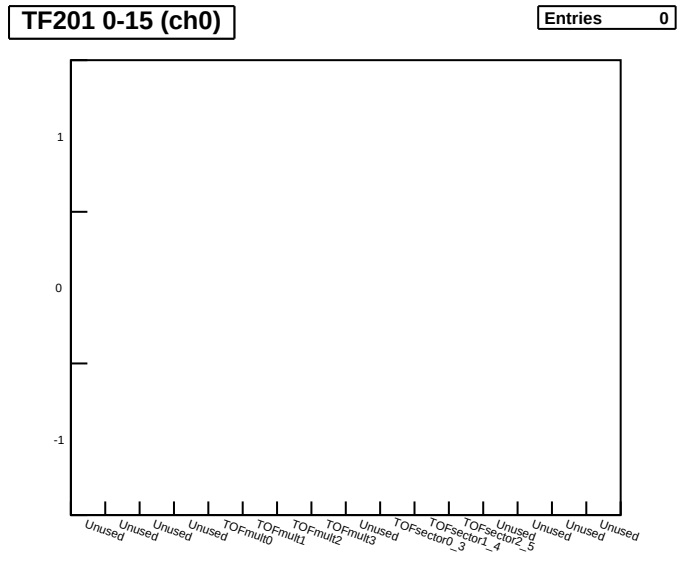

Entries 588907
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

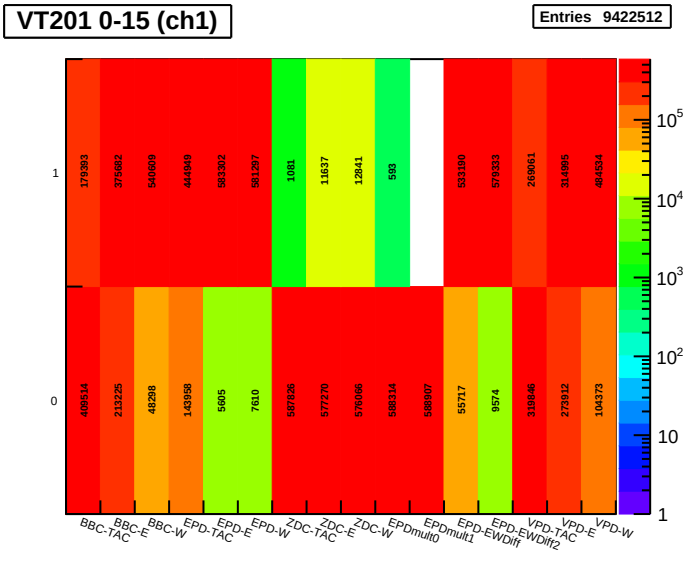

Entries 588907
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

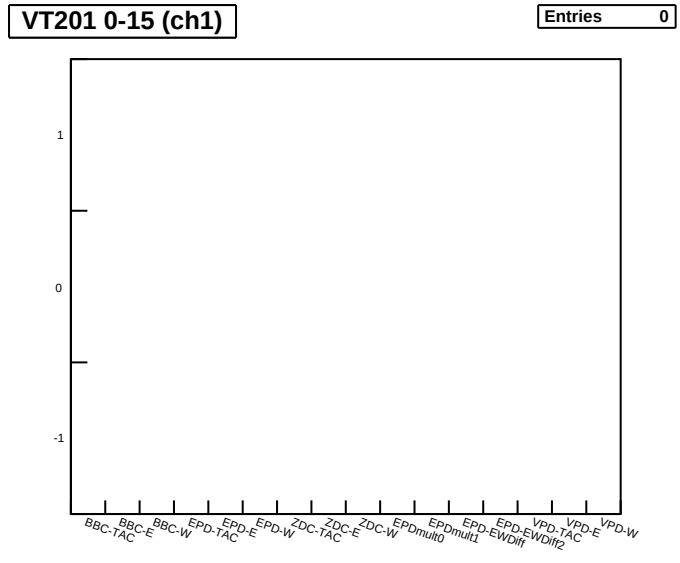

Laser Input Bits
Entries 588907
10^6
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

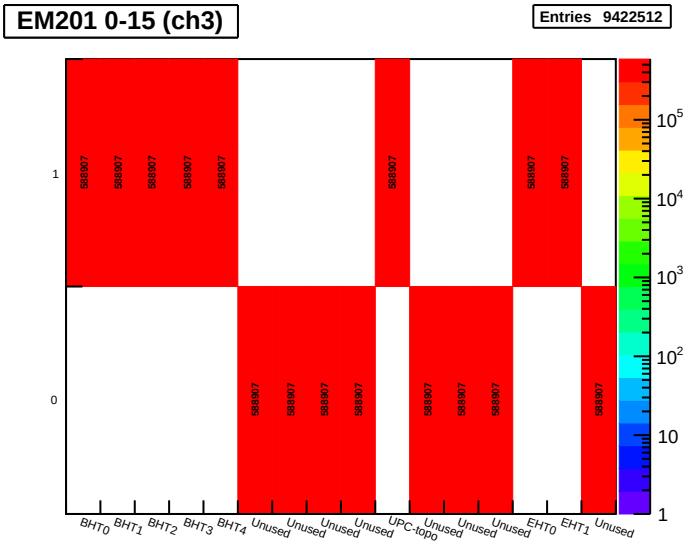

ST201 0-15 (ch6)
Entries 9422512
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
19
588907
588888
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

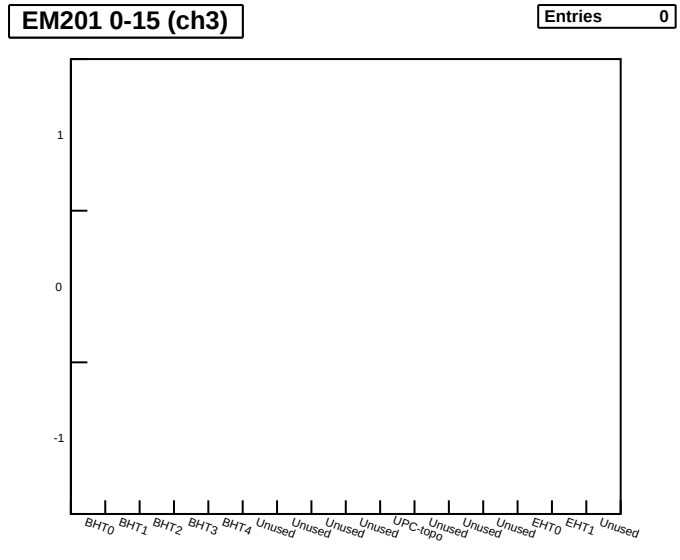

TF201 0-15 (ch0)
Entries 9422512
1
0
588907
584139
557447
539923
421179
521978
521635
517595
588907
588907
588907
588907
588907
588907
588907
4768
31460
48984
167128
588907
66929
67272
71312
588907
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
Unused
Unused
Unused
10^5
10^4
10^3
10^2
10
1


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


VT201 0-15 (ch1)
Entries 9422512
1
0
179393
375682
540609
444949
563302
581297
1081
11637
12841
593
533190
579333
269061
314995
484534
409514
213225
48298
143958
5605
7610
567826
577270
576066
588314
588907
55717
9574
319846
273912
104373
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 9422512
1
0
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
588907
BHT0
BHT1
BHT2
BHT3
BHT4
Unused
Unused
Unused
Unused
UPC-topo
Unused
Unused
Unused
EHT0
EHT1
Unused
10^5
10^4
10^3
10^2
10
1


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