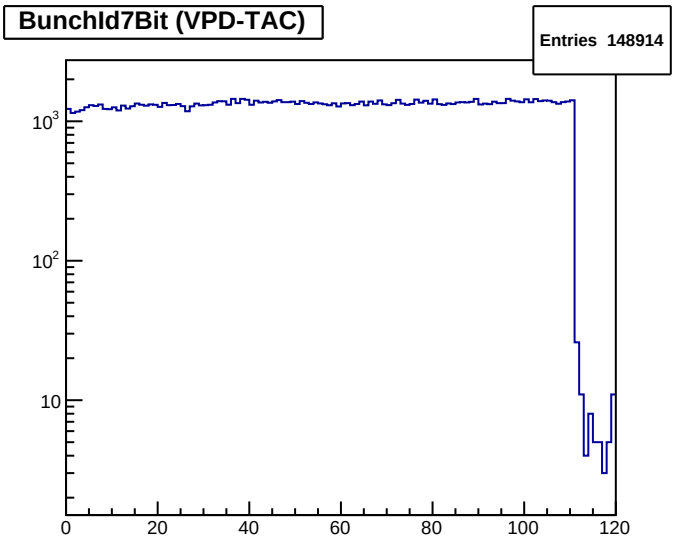
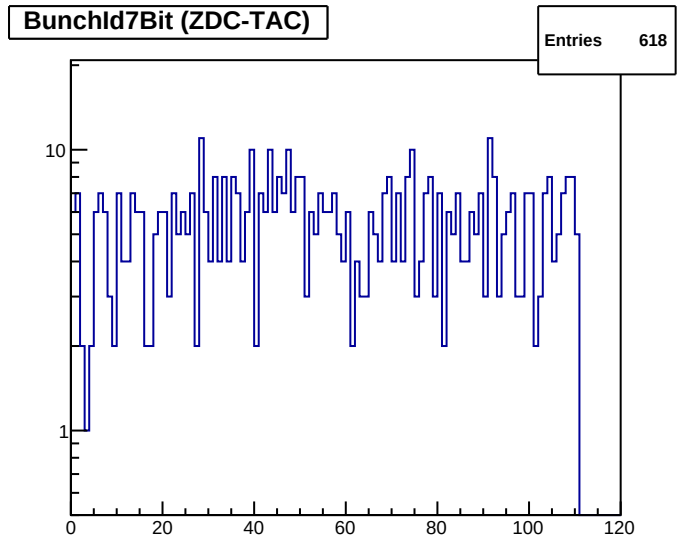
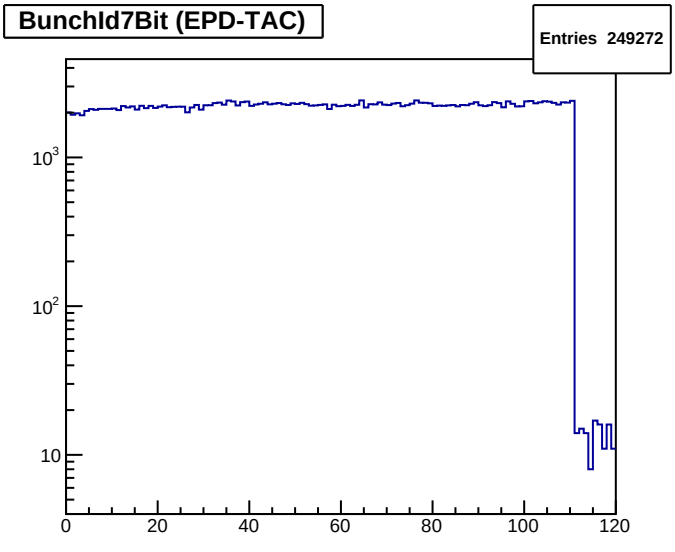
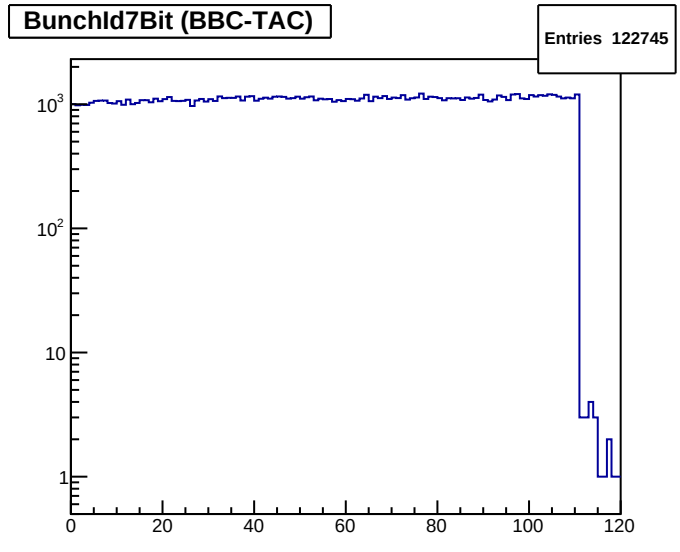
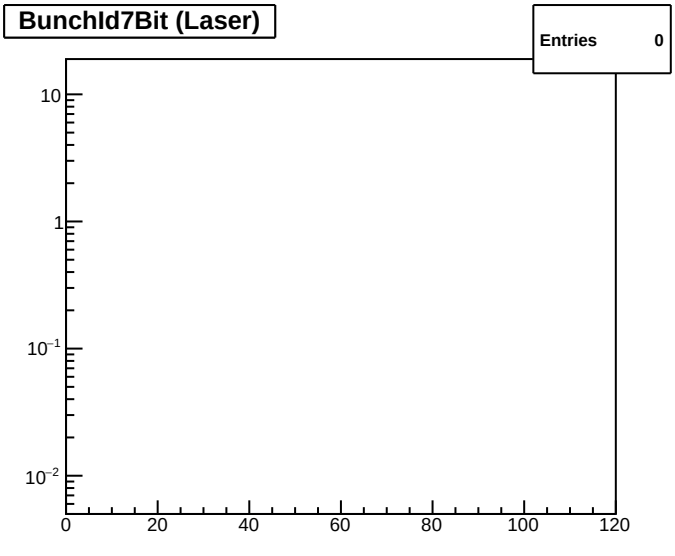
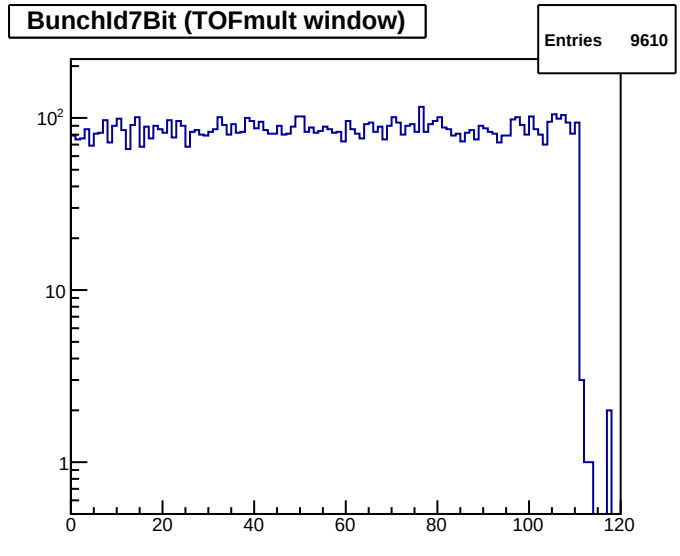

BunchId7Bit (VPD-TAC)
Entries 148914

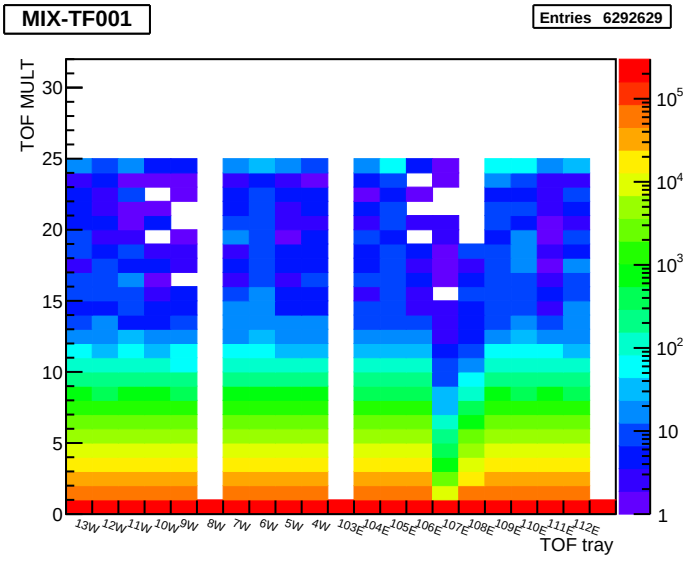

BunchId7Bit (ZDC-TAC)
Entries 618

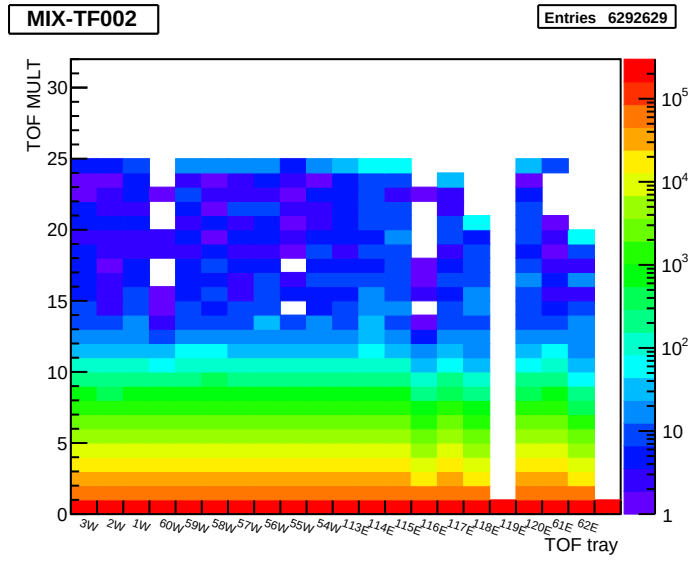

BunchId7Bit (EPD-TAC)
Entries 249272

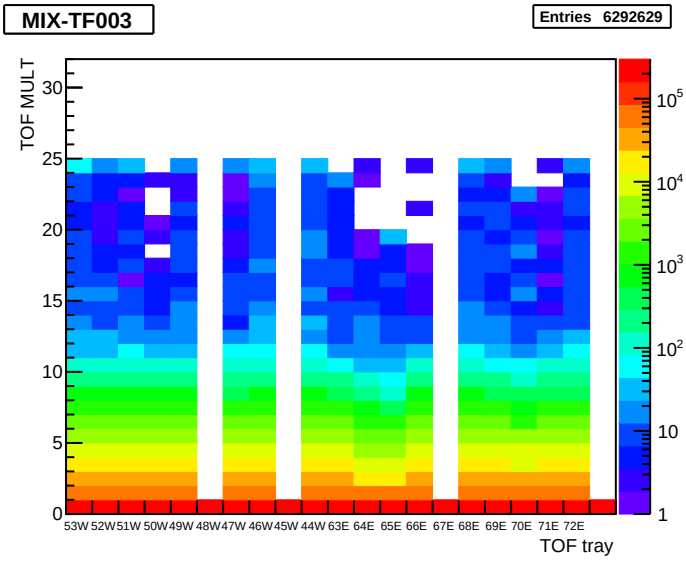

BunchId7Bit (BBC-TAC)
Entries 122745

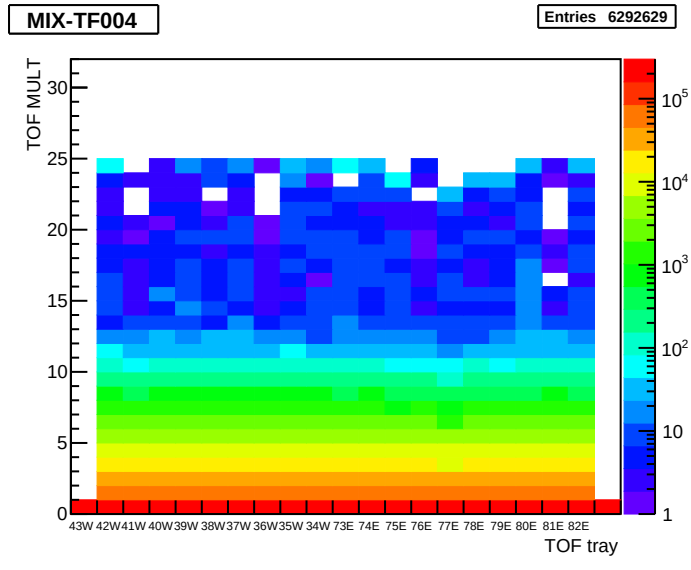

BunchId7Bit (Laser)
Entries 0

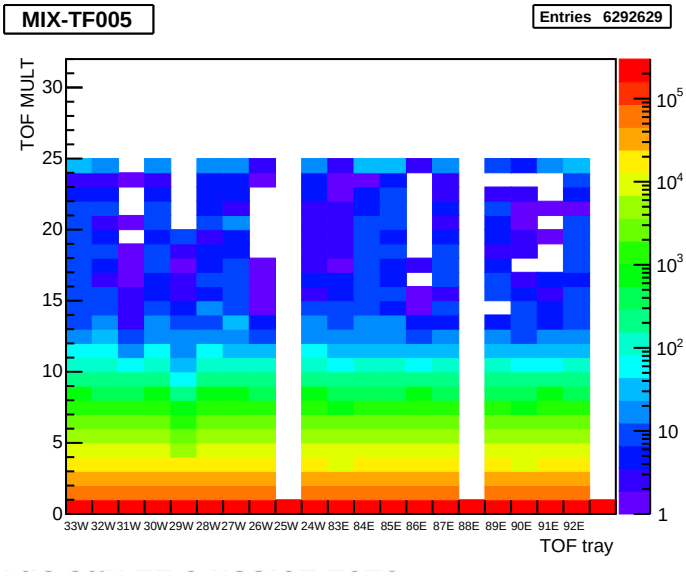

BunchId7Bit (TOFmult window)
Entries 9610

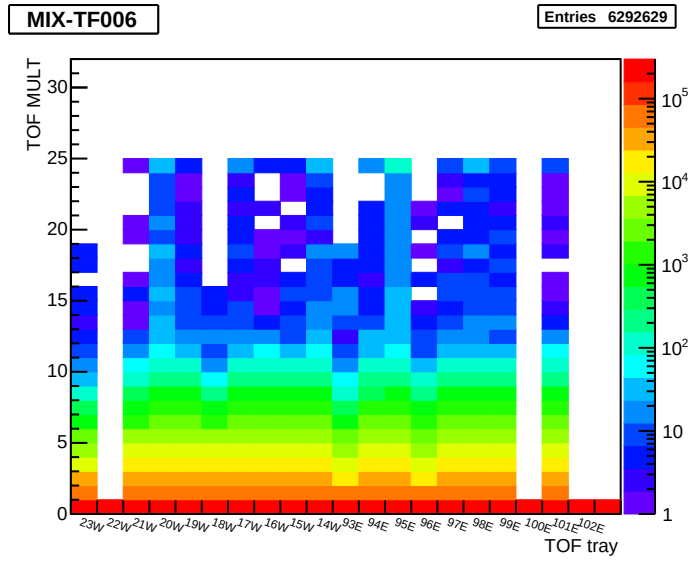

MIX-TF001
Entries 6292629
TOF MULT
TOF tray

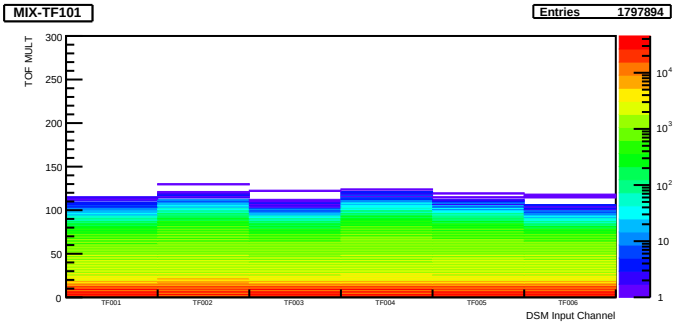

MIX-TF002
Entries 6292629
TOF MULT
TOF tray

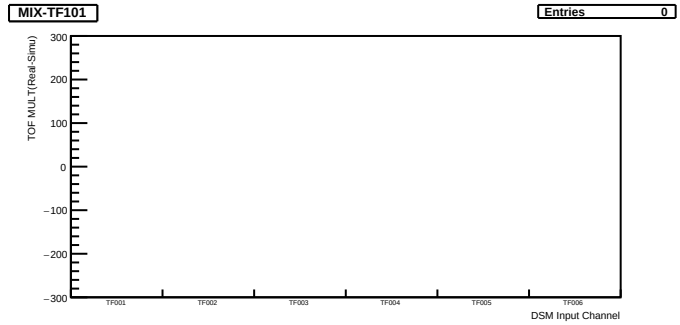

MIX-TF003
Entries 6292629
TOF MULT
TOF tray

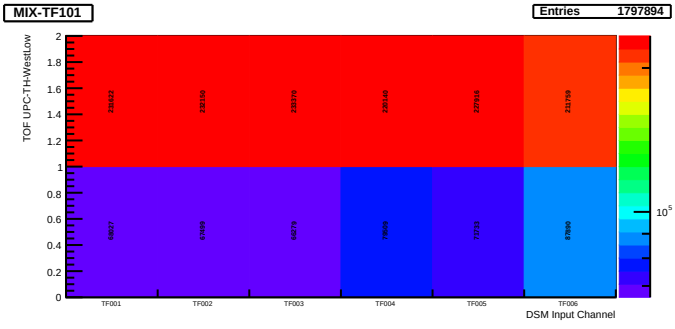

MIX-TF004
Entries 6292629
TOF MULT
TOF tray

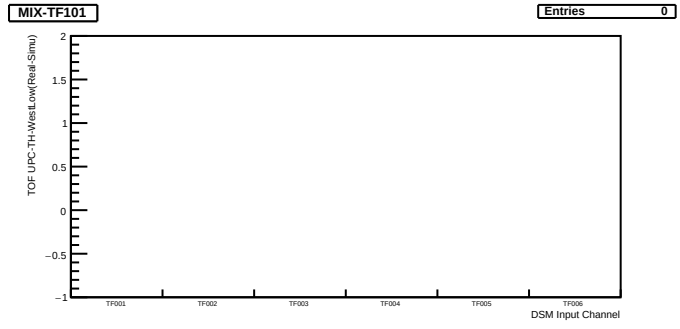

MIX-TF005
Entries 6292629
TOF MULT
TOF tray

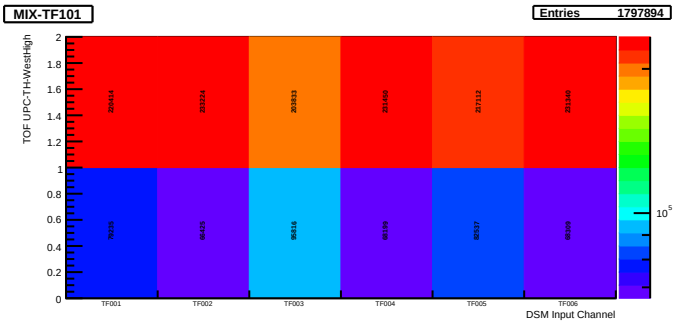

MIX-TF006
Entries 6292629
TOF MULT
TOF tray

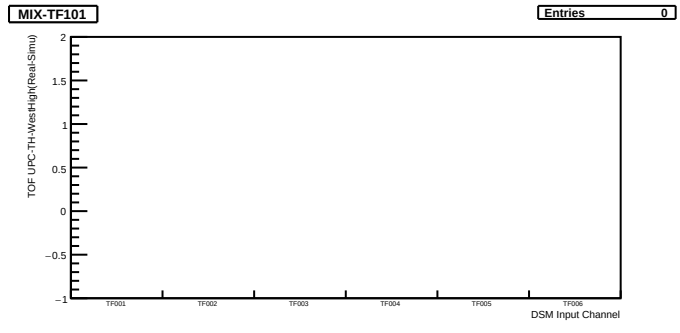

MIX-TF101
Entries 1797894
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

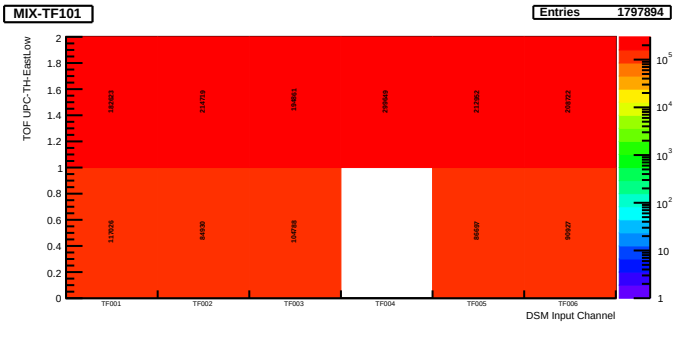

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

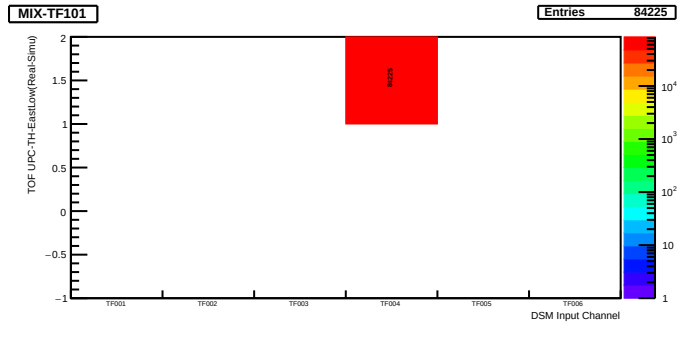

MIX-TF101
Entries 1797894
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

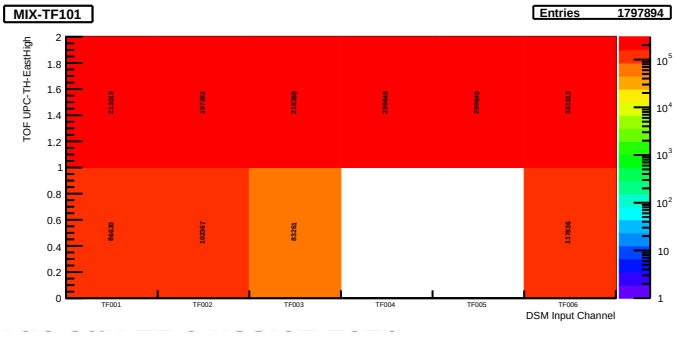

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

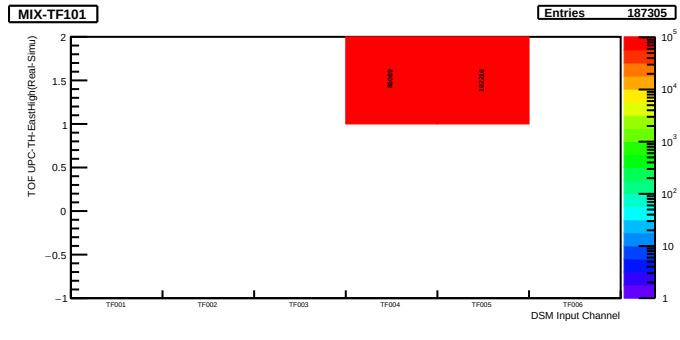

MIX-TF101
Entries 1797894
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

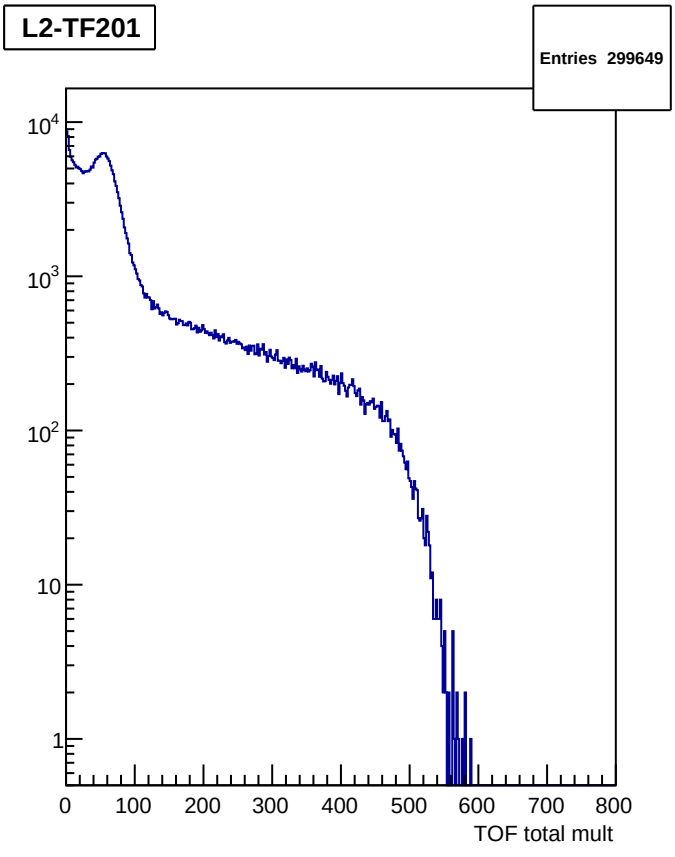

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

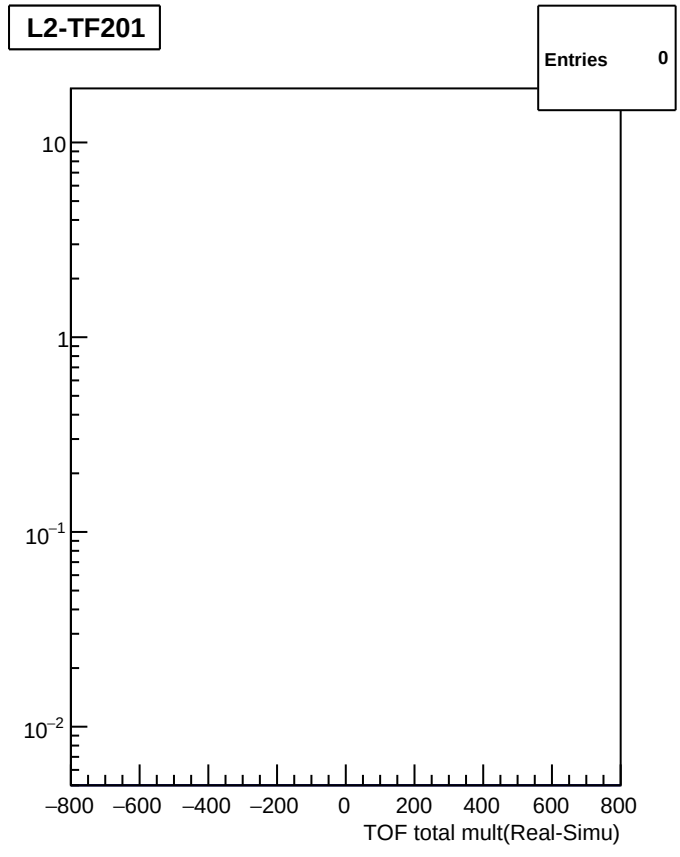

MIX-TF101
Entries 1797894
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

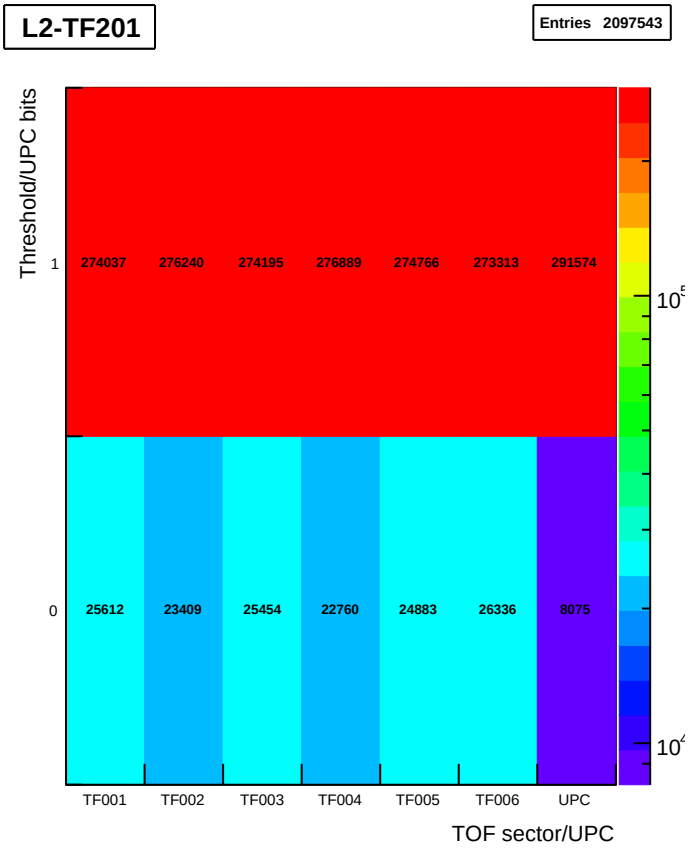

MIX-TF101
Entries 84225
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

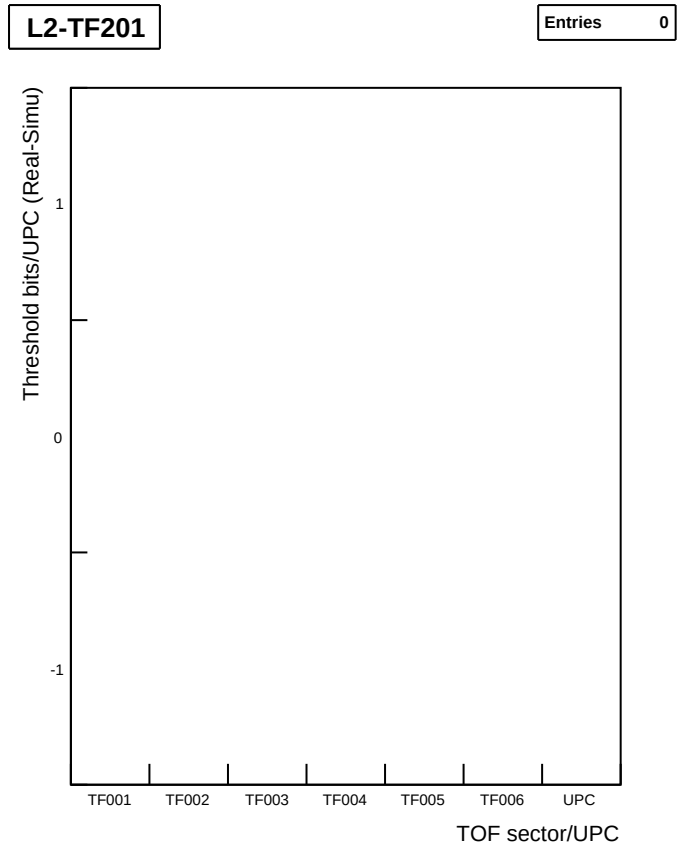

MIX-TF101
Entries 1797894
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

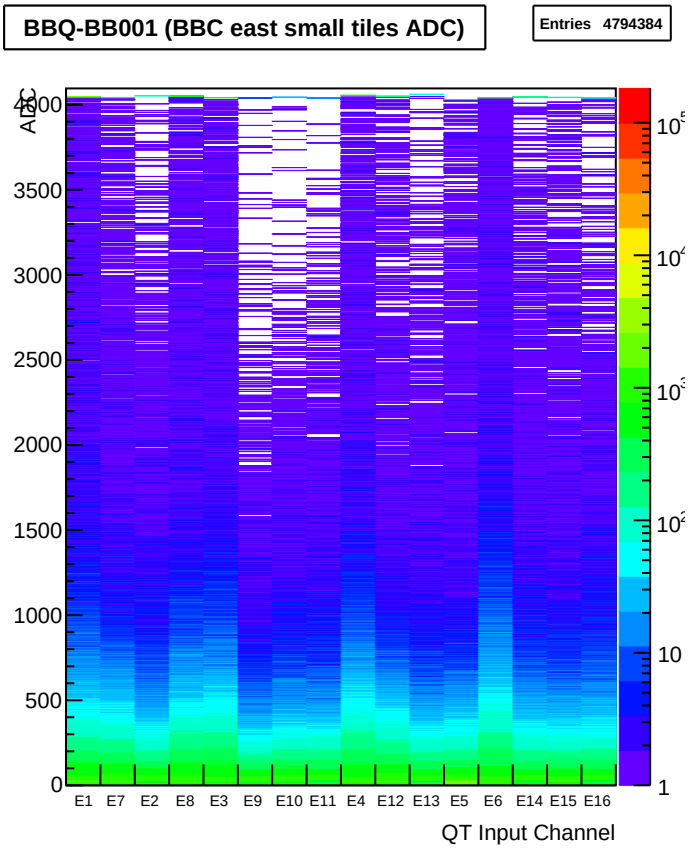

MIX-TF101
Entries 187305
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

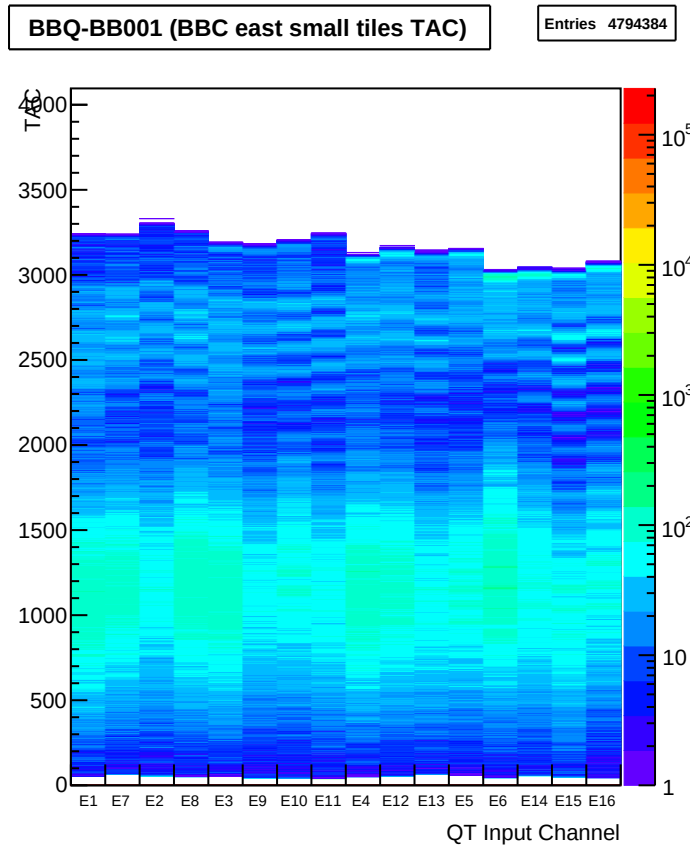

L2-TF201
Entries 299649
TOF total mult

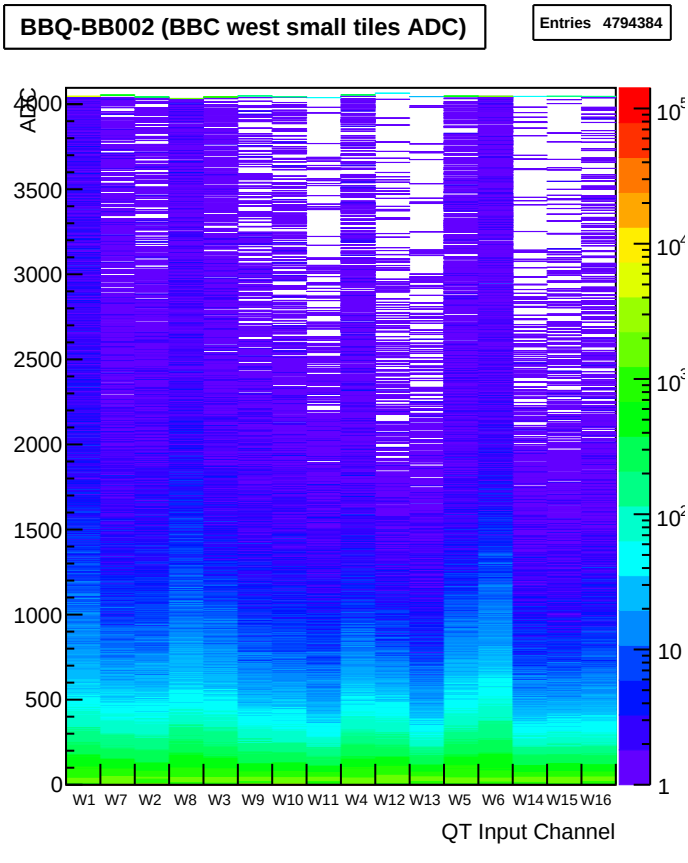

L2-TF201
Entries 0
TOF total mult(Real-Simu)

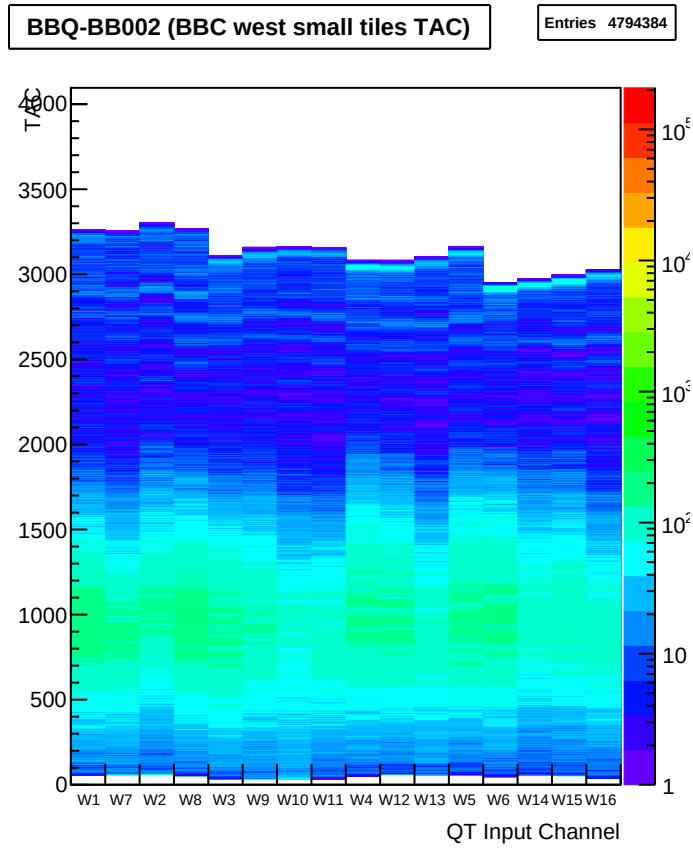

L2-TF201
Entries 2097543
Threshold/UPC bits
274037
276240
274195
276889
274766
273313
291574
25612
23409
25454
22760
24883
26336
8075
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

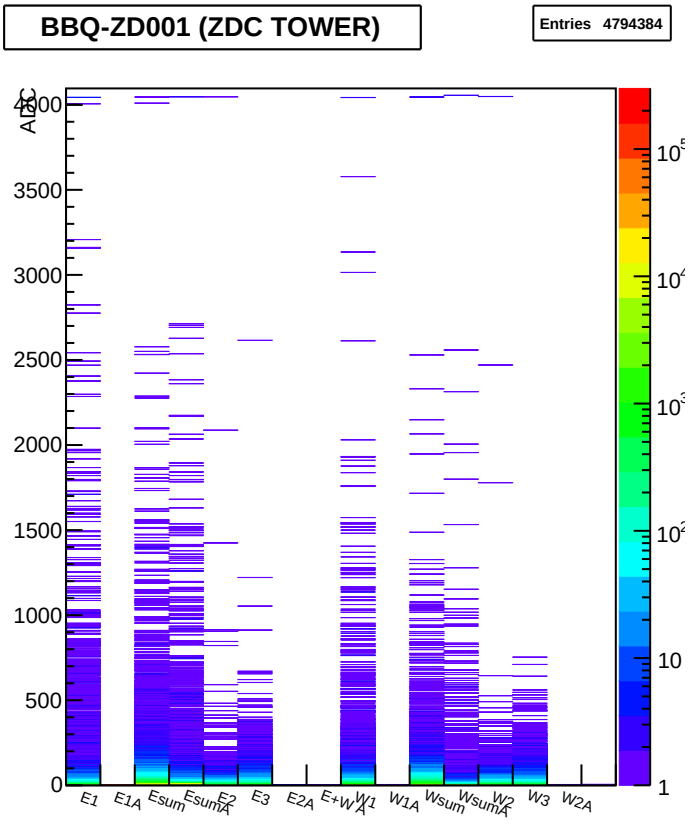

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

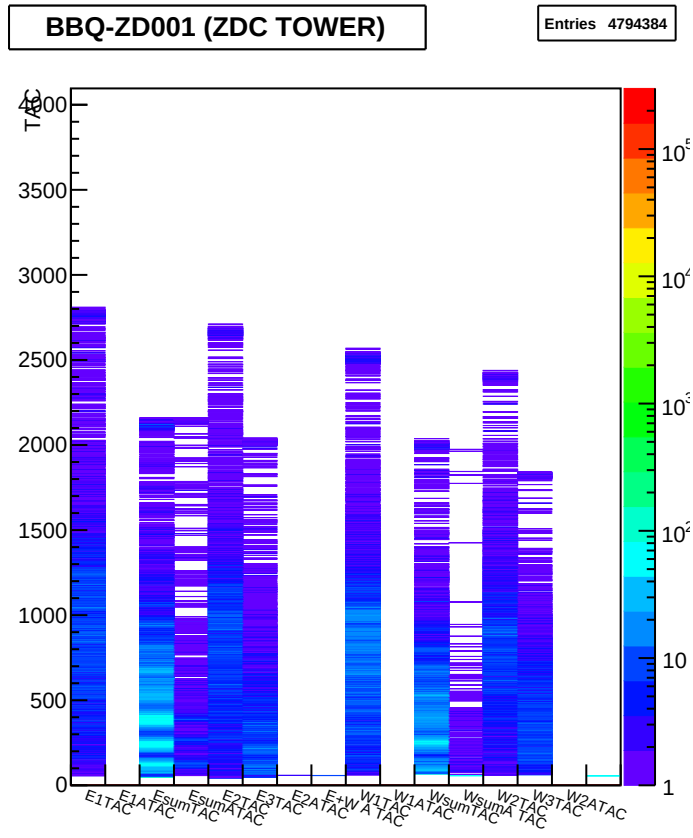

BBQ-BB001 (BBC east small tiles ADC)
Entries 4794384
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

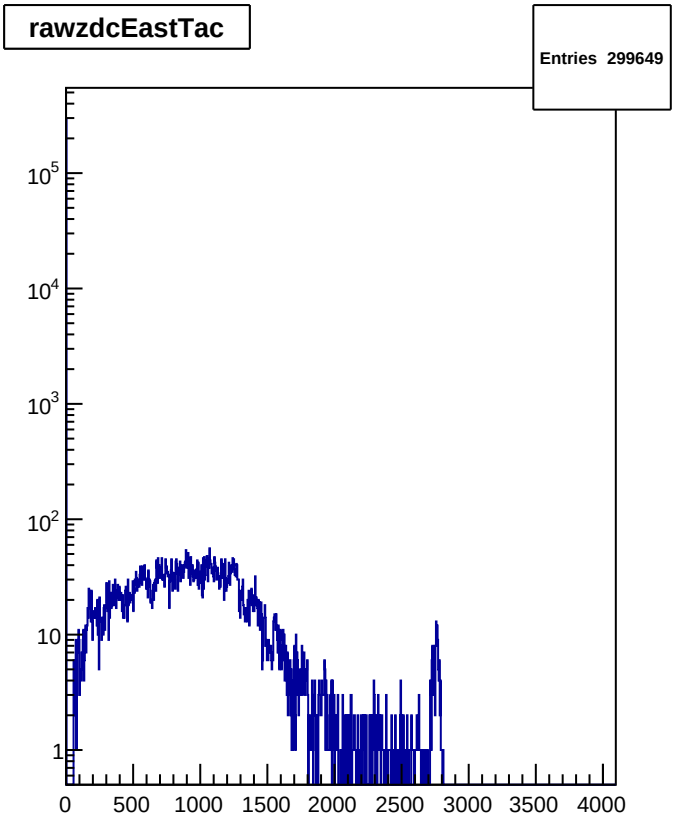

BBQ-BB001 (BBC east small tiles TAC)
Entries 4794384
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

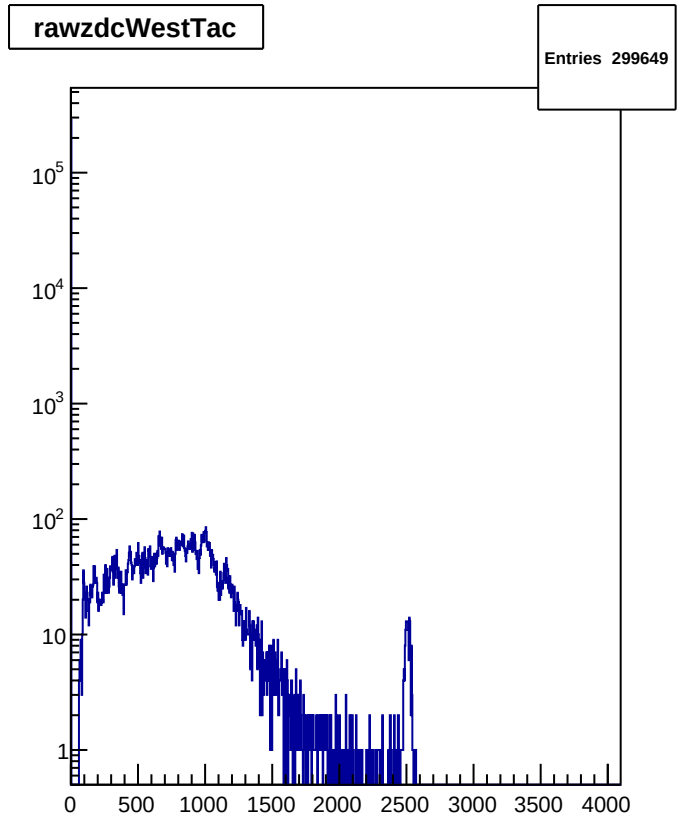

BBQ-BB002 (BBC west small tiles ADC)
Entries 4794384
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

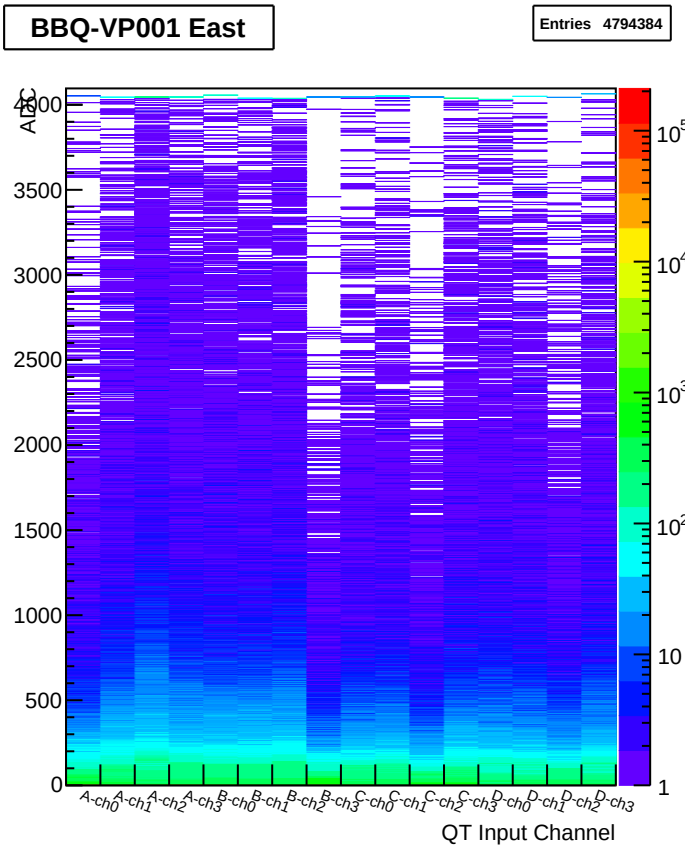

BBQ-BB002 (BBC west small tiles TAC)
Entries 4794384
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

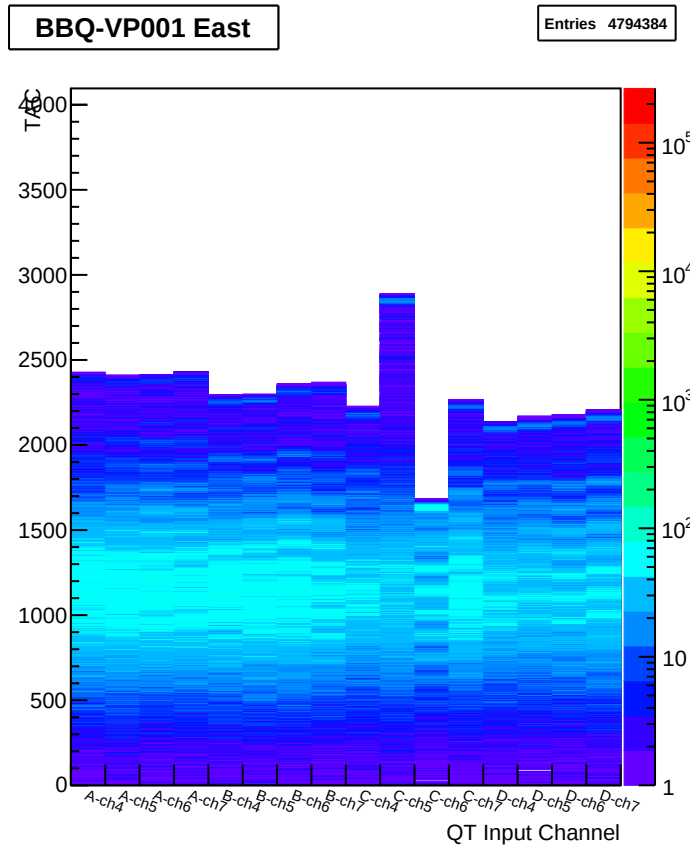

BBQ-ZD001 (ZDC TOWER)
Entries 4794384
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1
W1A
Wsum
WsumA
W2
W3
W2A

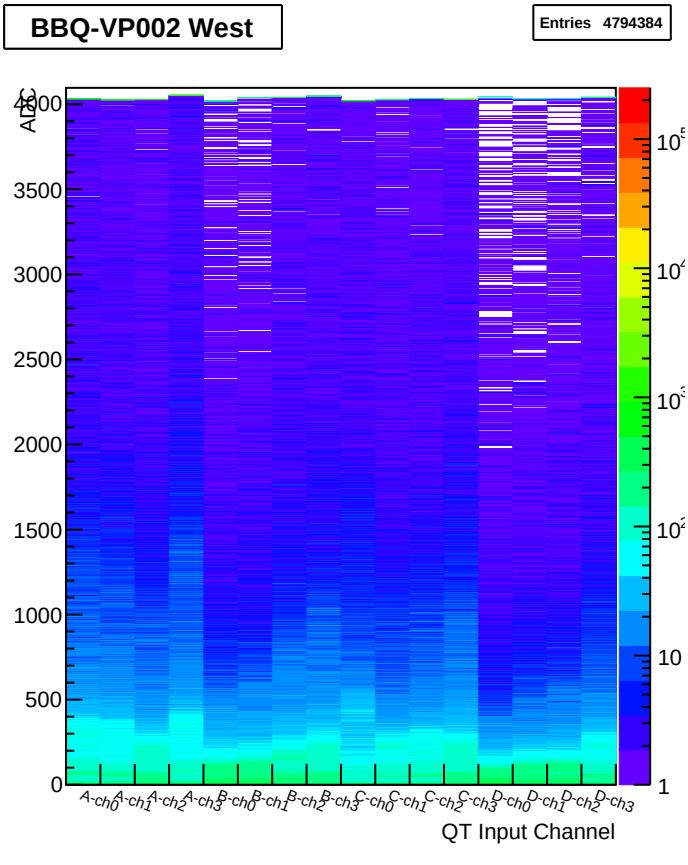

BBQ-ZD001 (ZDC TOWER)
Entries 4794384
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumA TAC
W2TAC
W3TAC
W2ATAC

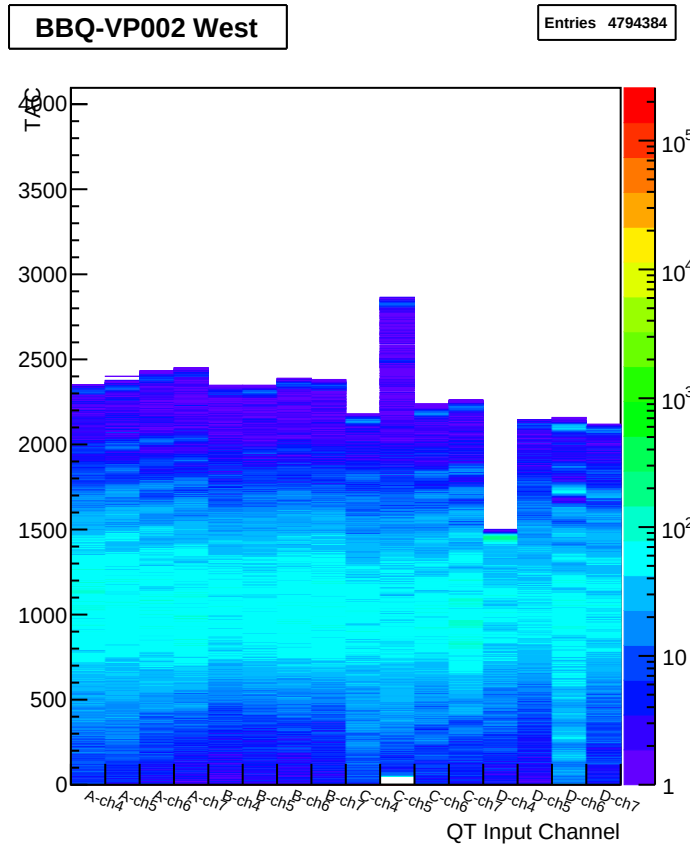

rawzdcEastTac
Entries 299649

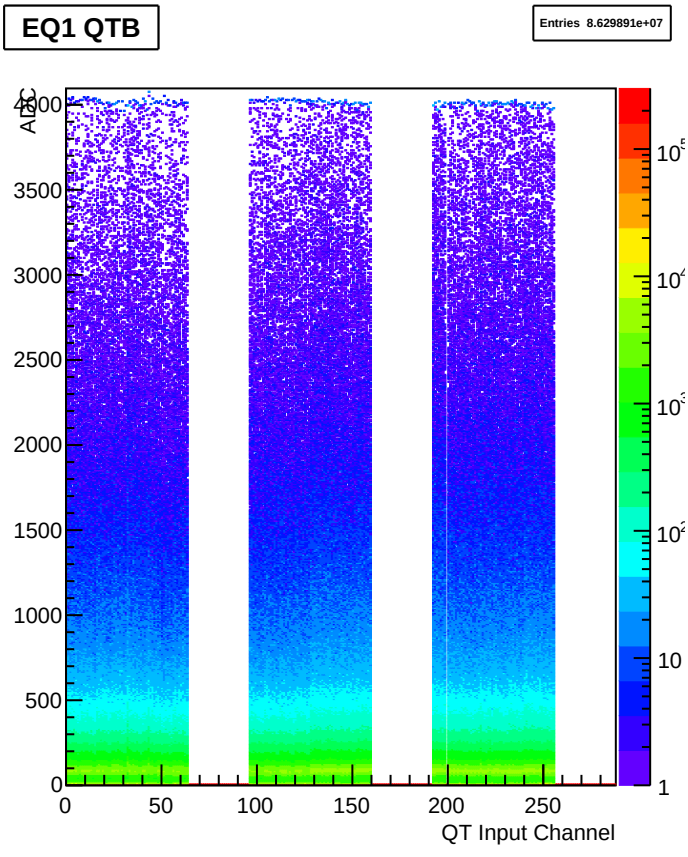

rawzdcWestTac
Entries 299649

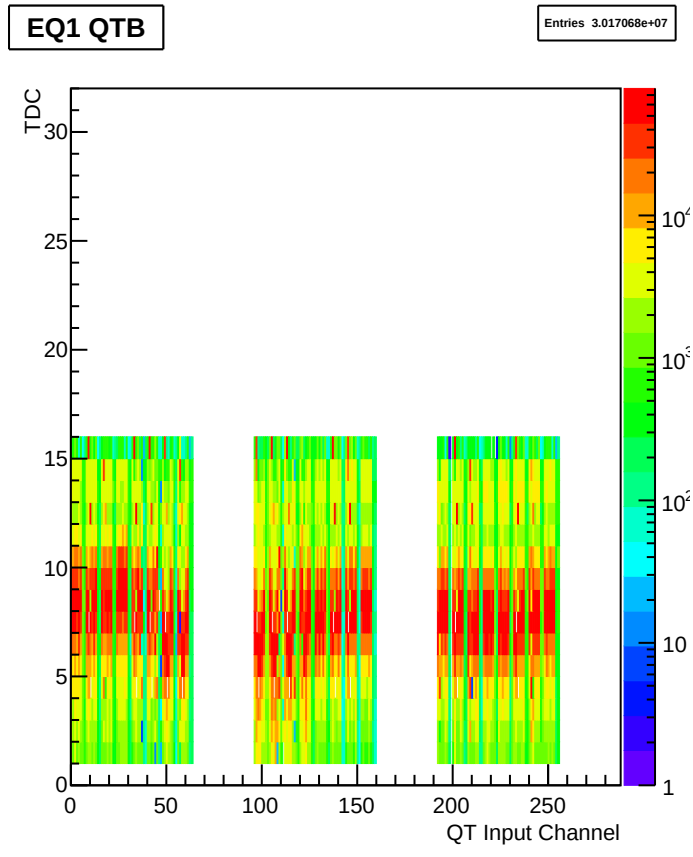

BBQ-VP001 East
Entries 4794384
ADC
QT Input Channel

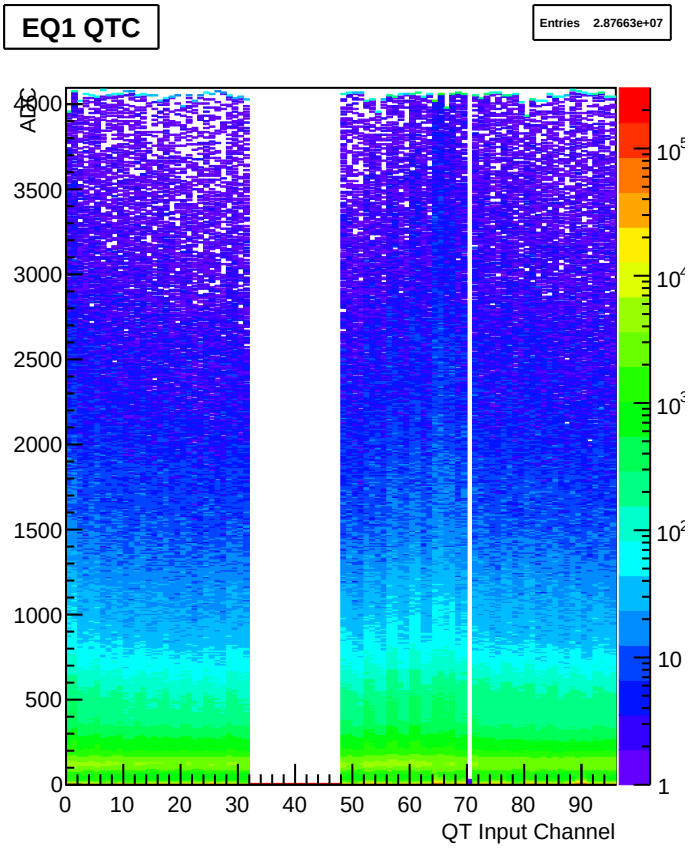

BBQ-VP001 East
Entries 4794384
ADC
QT Input Channel

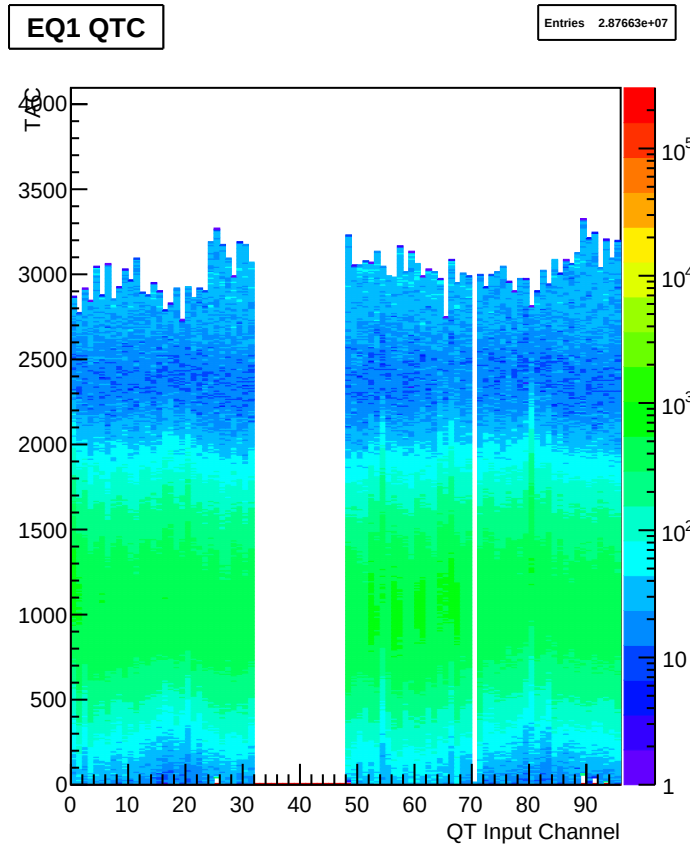

BBQ-VP002 West
Entries 4794384
ADC
QT Input Channel

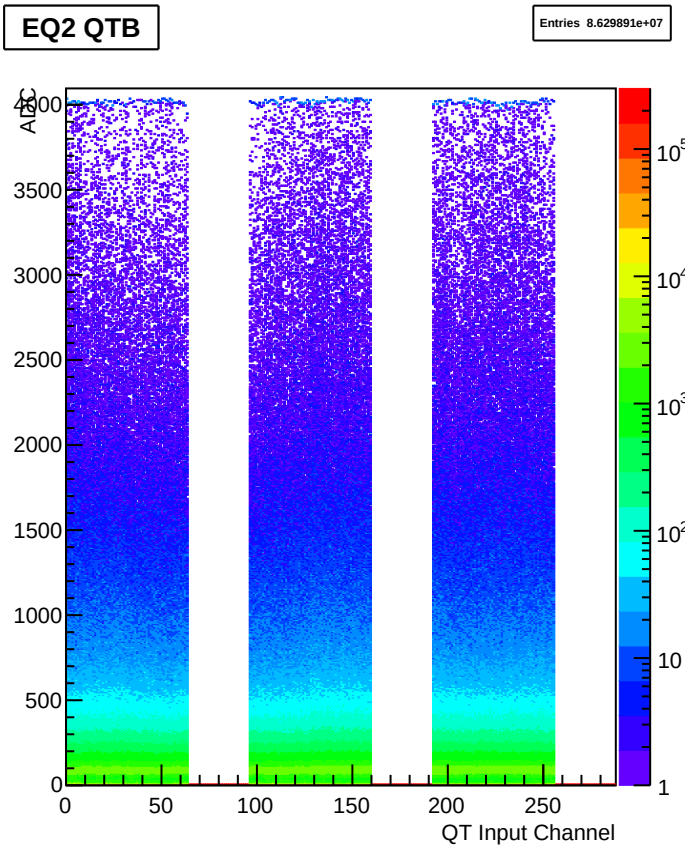

BBQ-VP002 West
Entries 4794384
ADC
QT Input Channel

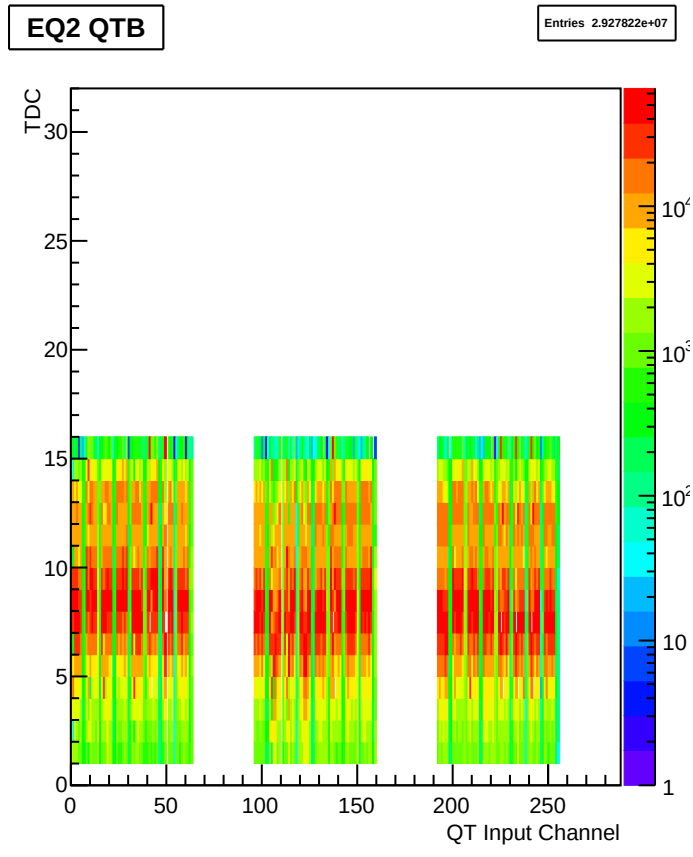

EQ1 QTB
Entries 8.629891e+07
ADC
QT Input Channel

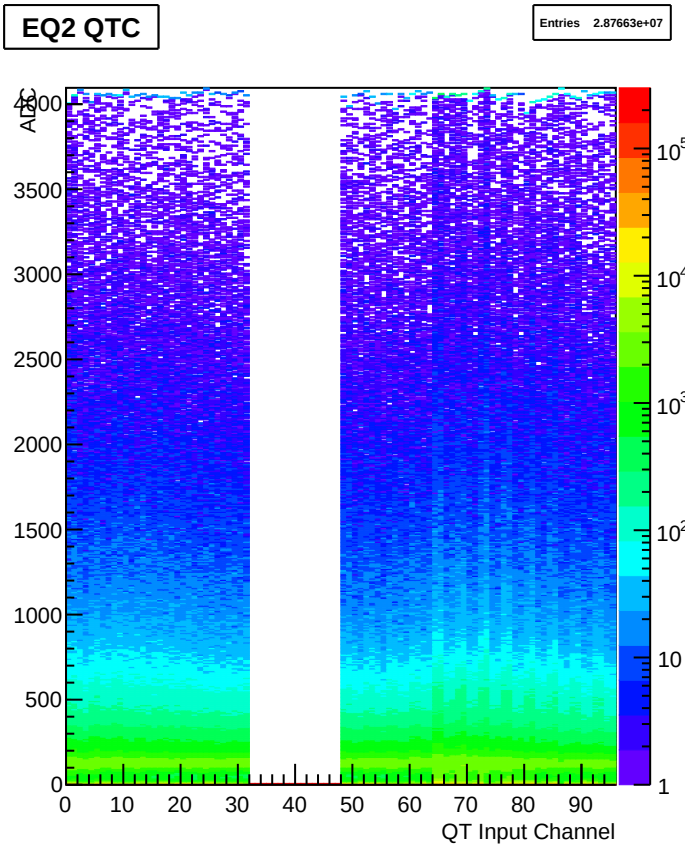

EQ1 QTB
Entries 3.017068e+07
TDC
QT Input Channel

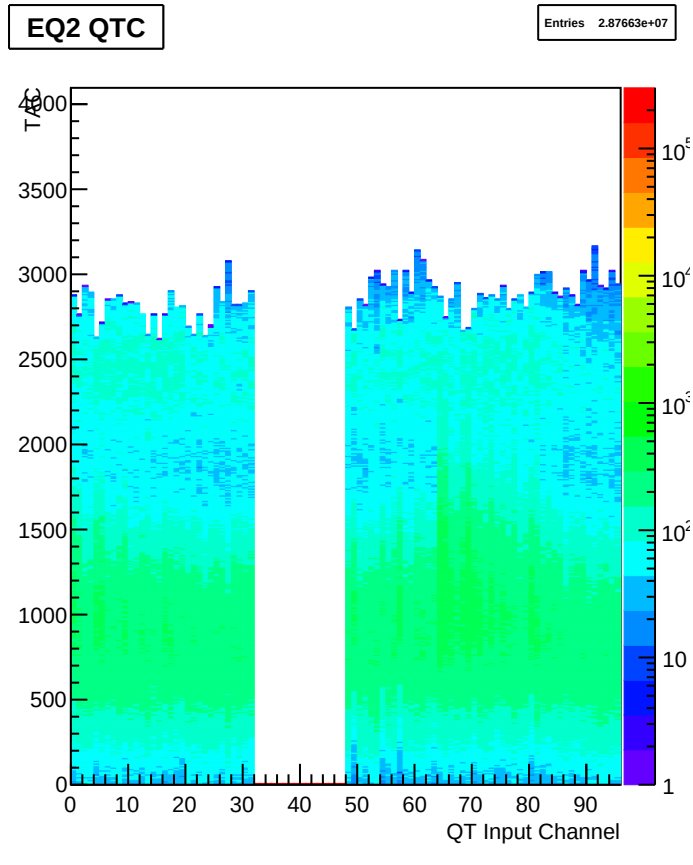

EQ1 QTC
Entries 2.87663e+07
ADC
QT Input Channel

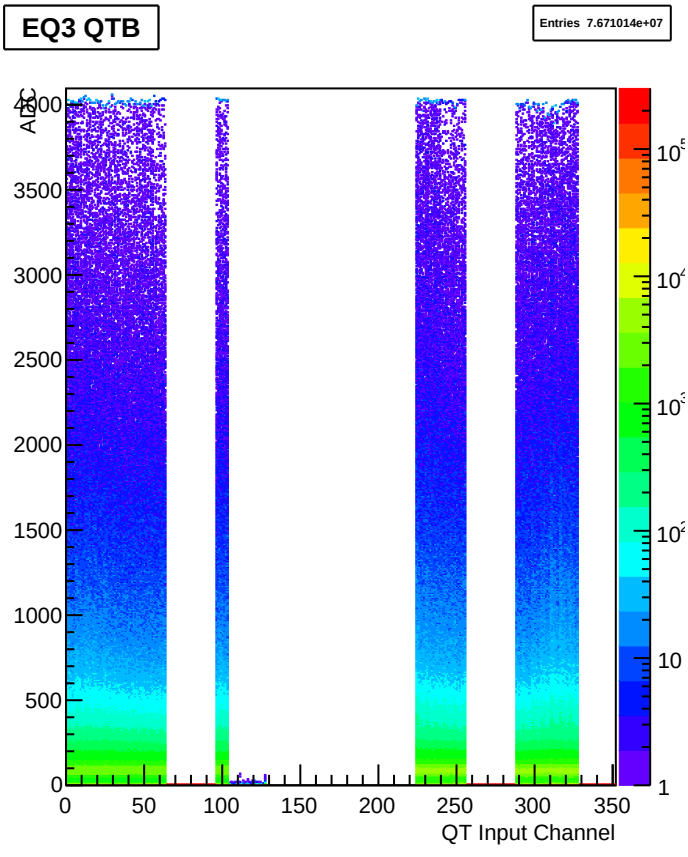

EQ1 QTC
Entries 2.87663e+07
TADC
QT Input Channel

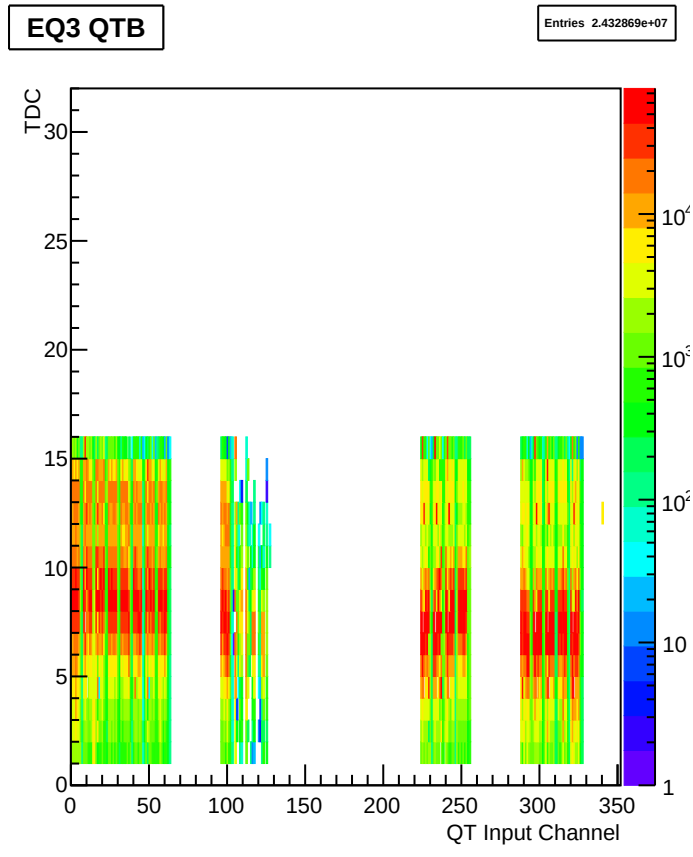

EQ2 QTB
Entries 8.629891e+07
ADC
QT Input Channel

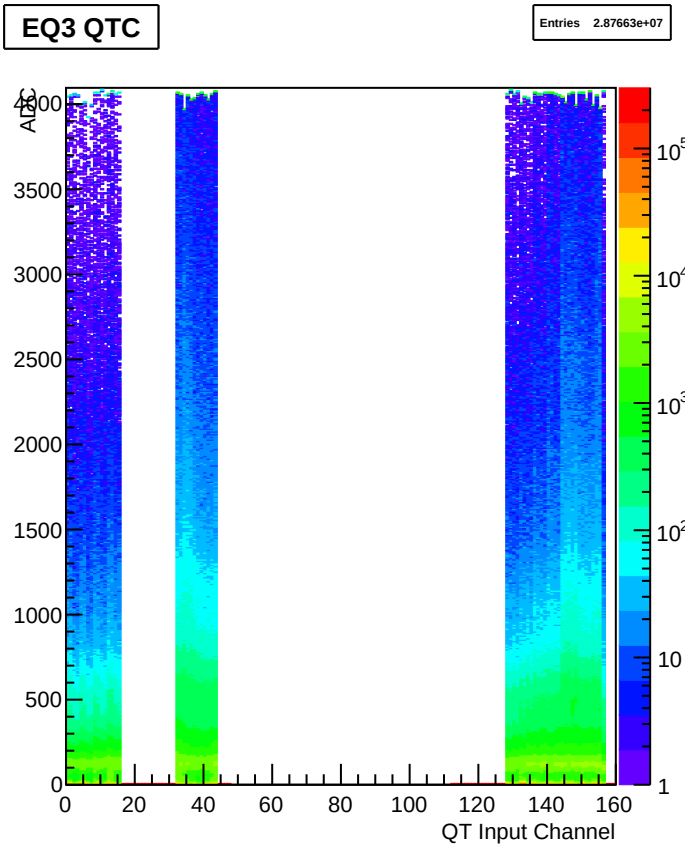

EQ2 QTB
Entries 2.927822e+07
TDC
QT Input Channel

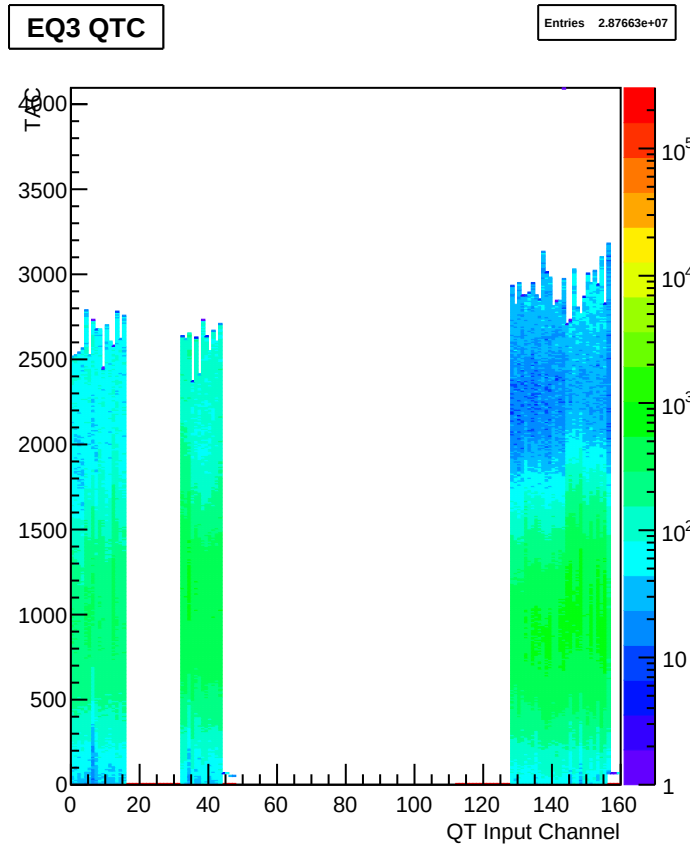

EQ2 QTC
Entries 2.87663e+07
ADC
QT Input Channel


EQ2 QTC
Entries 2.87663e+07
TADC
QT Input Channel


EQ3 QTB
Entries 7.671014e+07
ADC
QT Input Channel


EQ3 QTB
Entries 2.432869e+07
TDC
QT Input Channel


EQ3 QTC
Entries 2.87663e+07
ADC
QT Input Channel


EQ3 QTC
Entries 2.87663e+07
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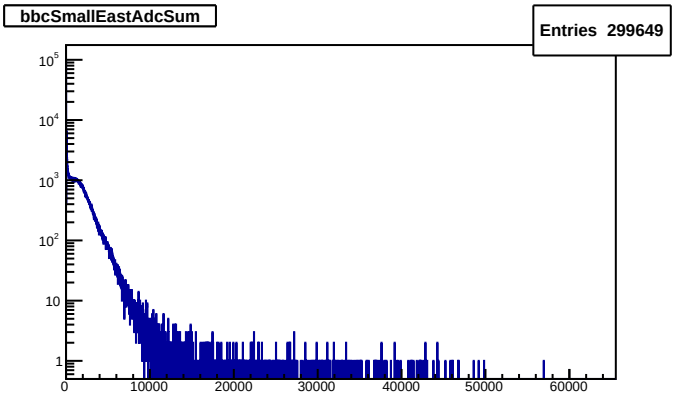
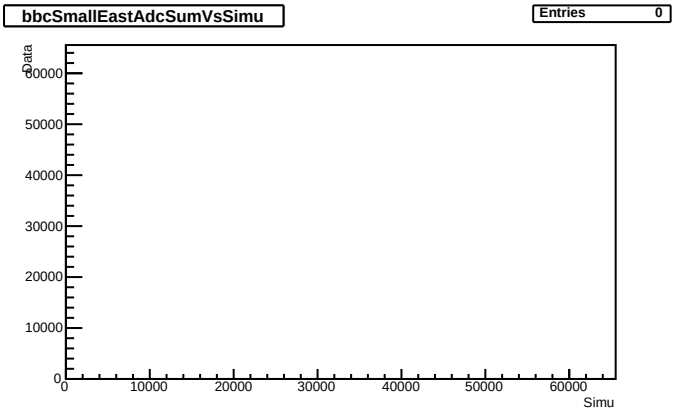
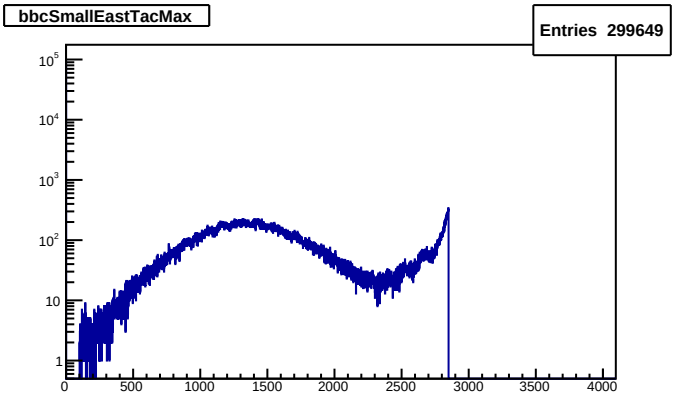
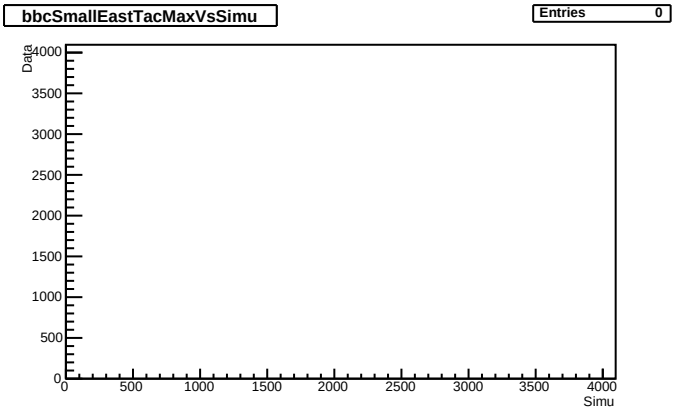
QT Input Channel


bbcSmallEastAdcSum
Entries 299649


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 299649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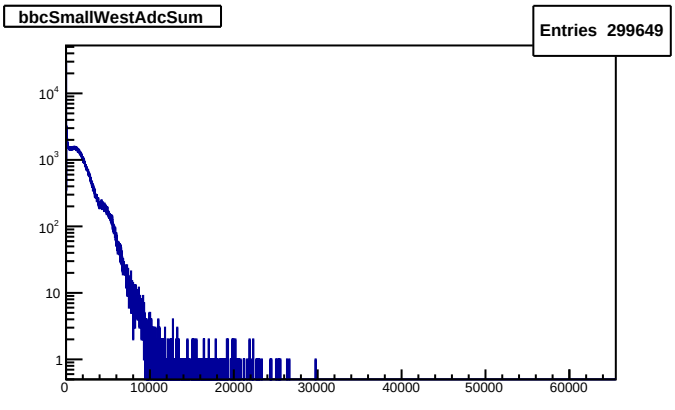
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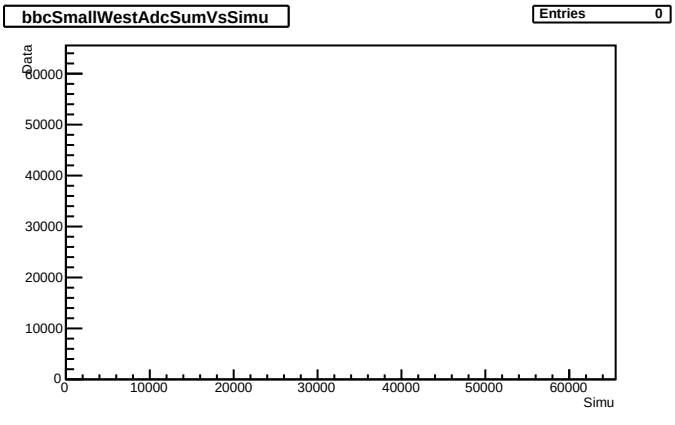
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Entries 0
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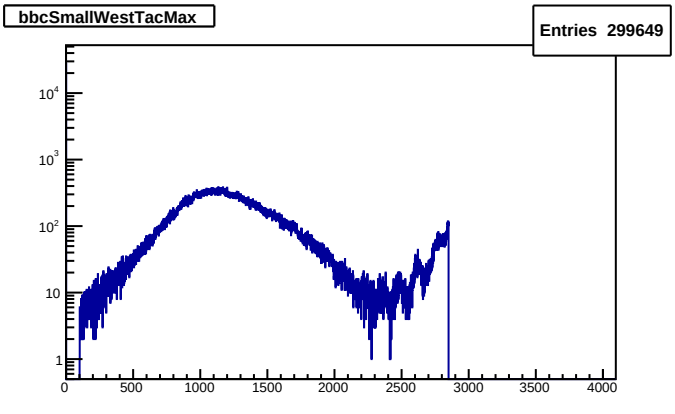
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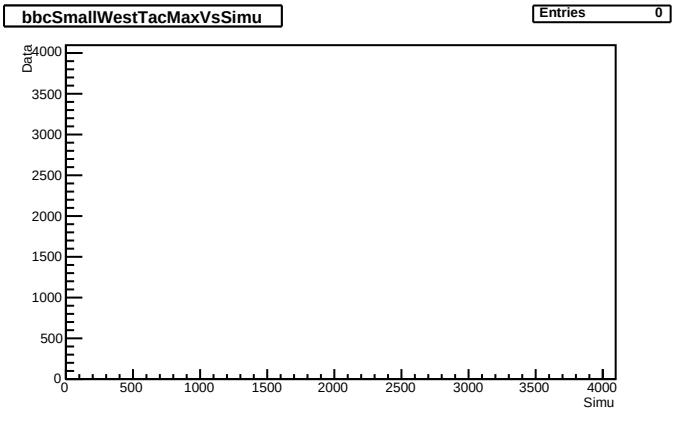
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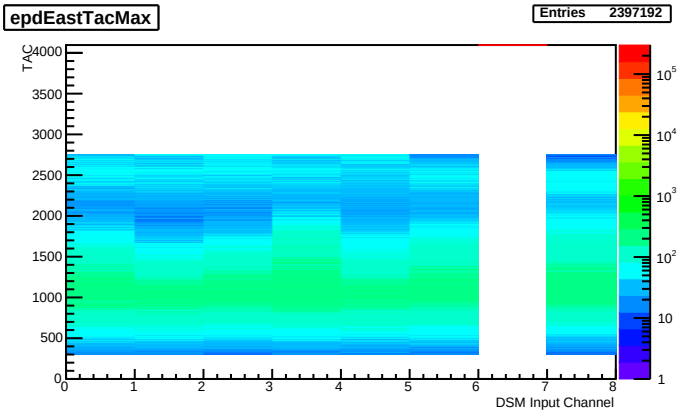
Entries 0
Data
Simu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Entries 2397192
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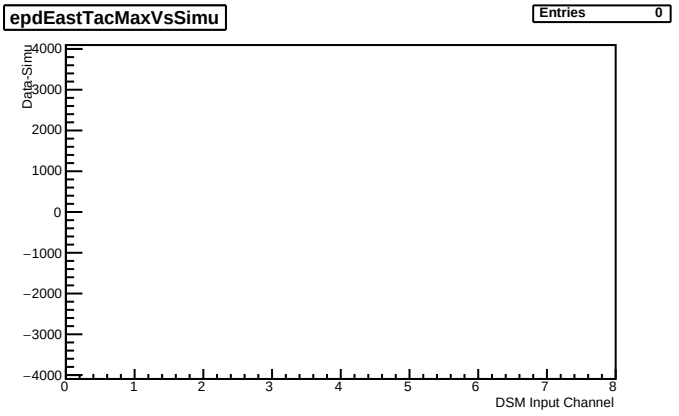
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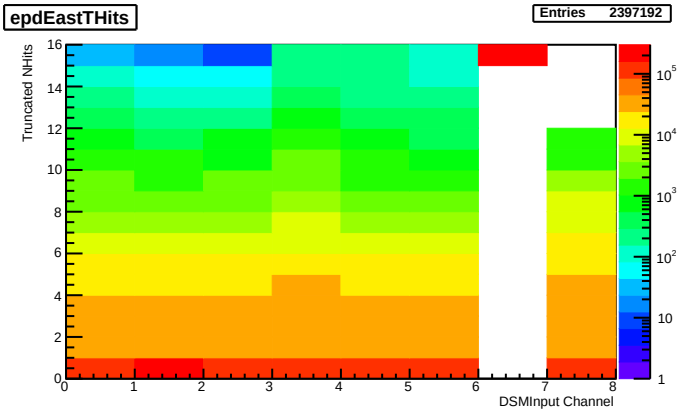
Entries 0
Data-Simu
DSM Input Channel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Entries 2397192
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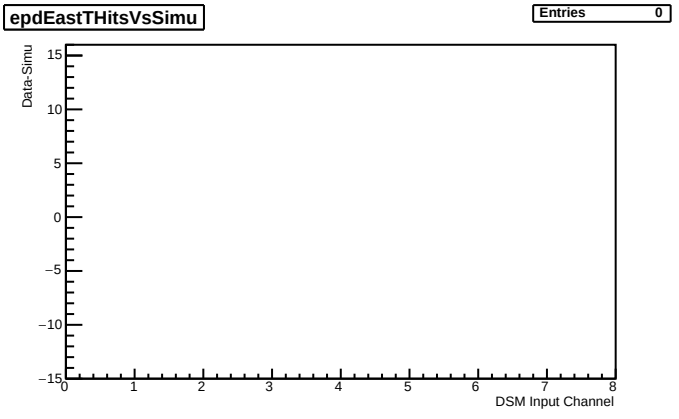
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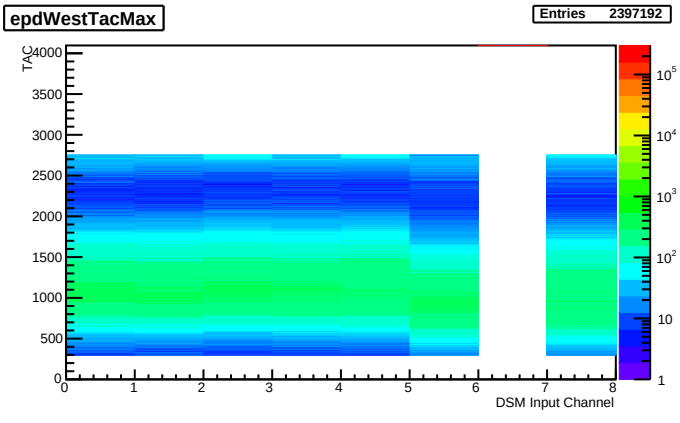
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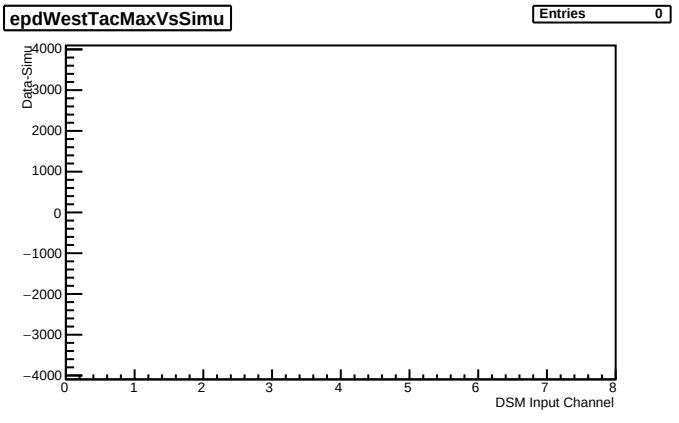
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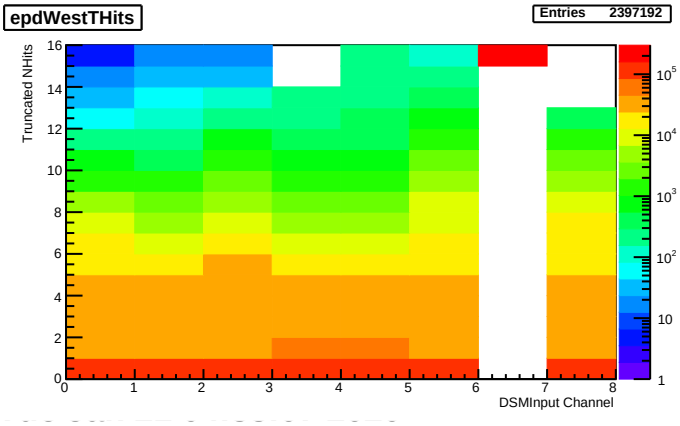
Entries 0
Data-Simu
DSM Input Channel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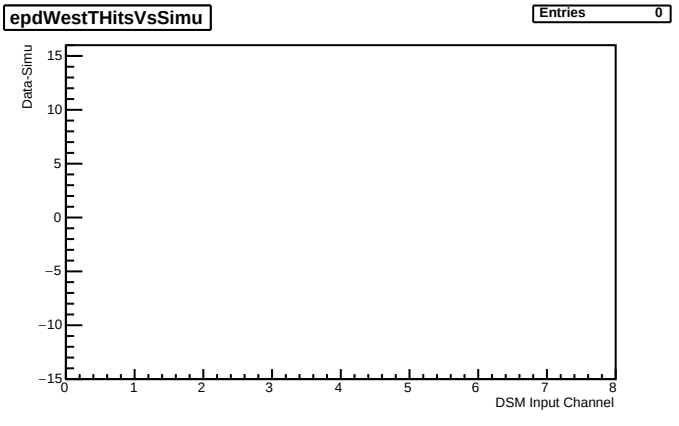
Truncated NHits
DSMInput Channel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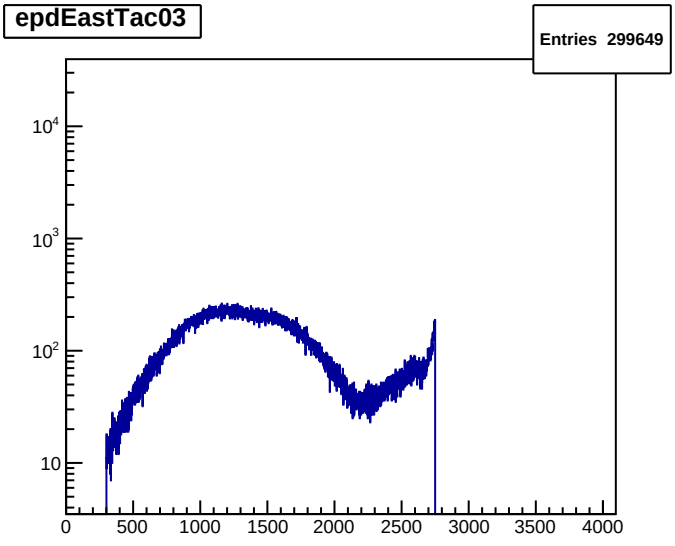
DSM Input Channel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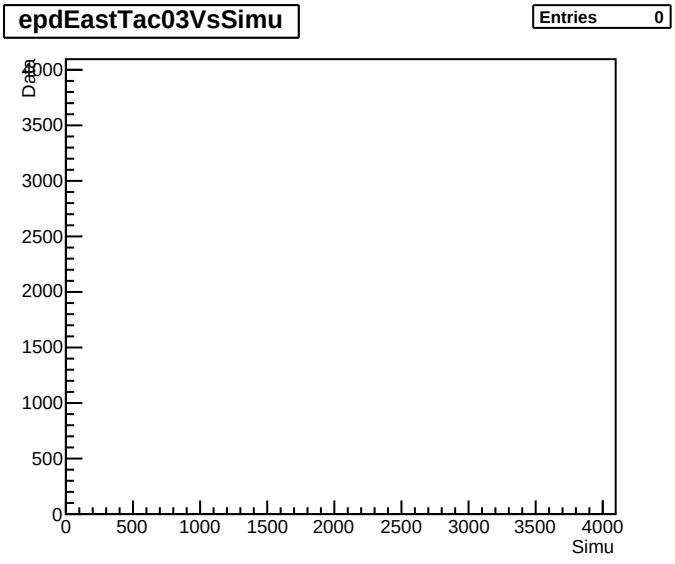
Entries 299649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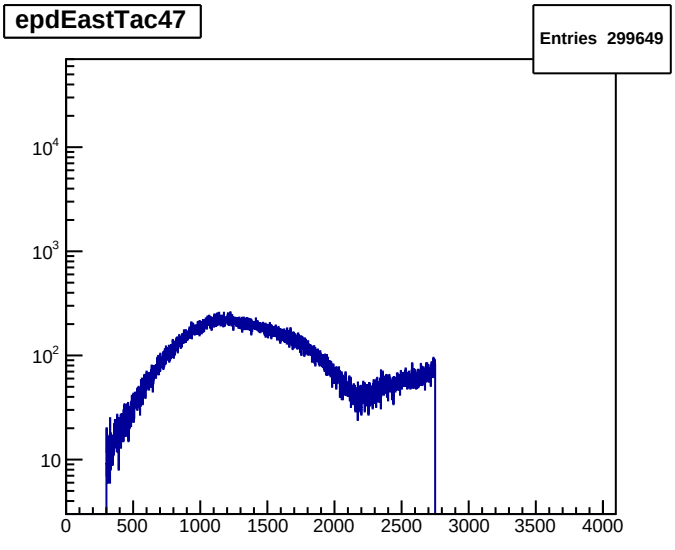
Entries 0
Data
Simu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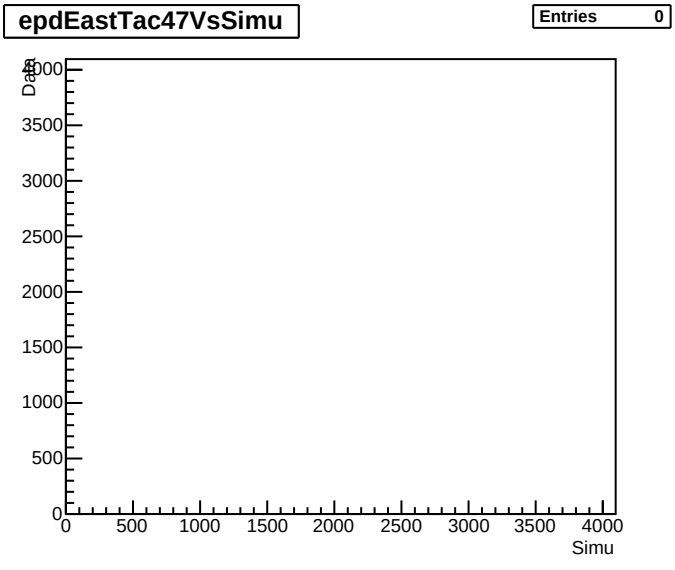
Entries 299649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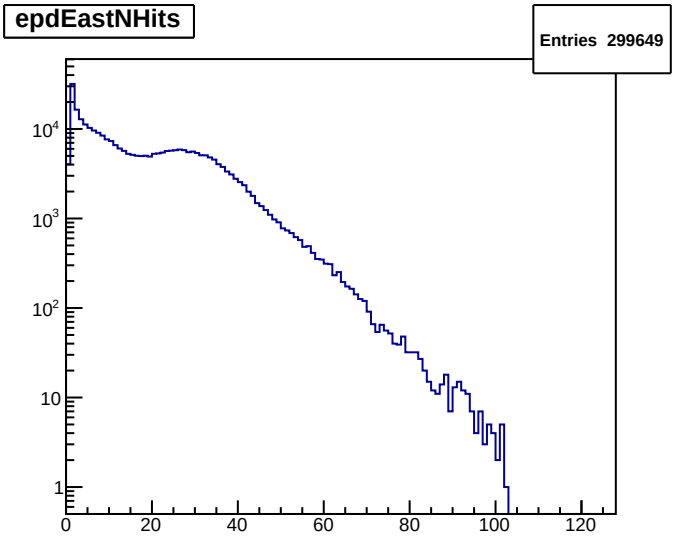
Data
Simu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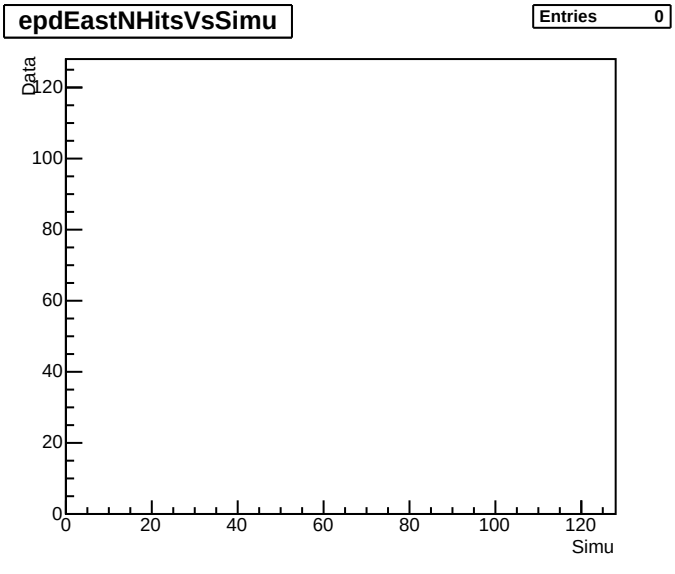
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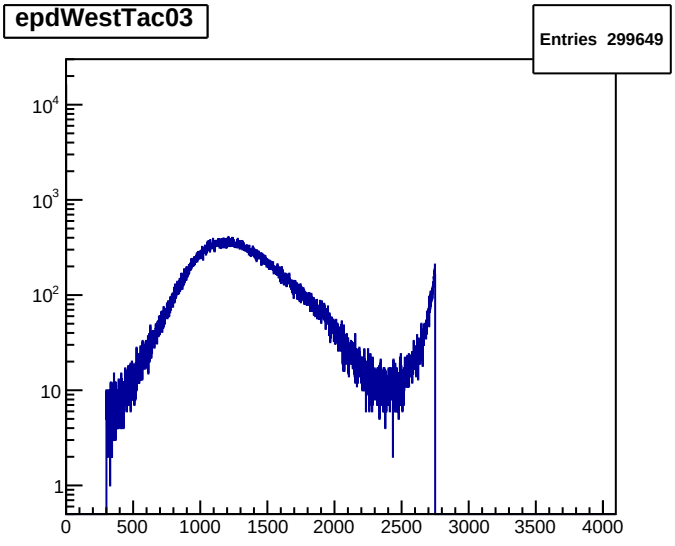
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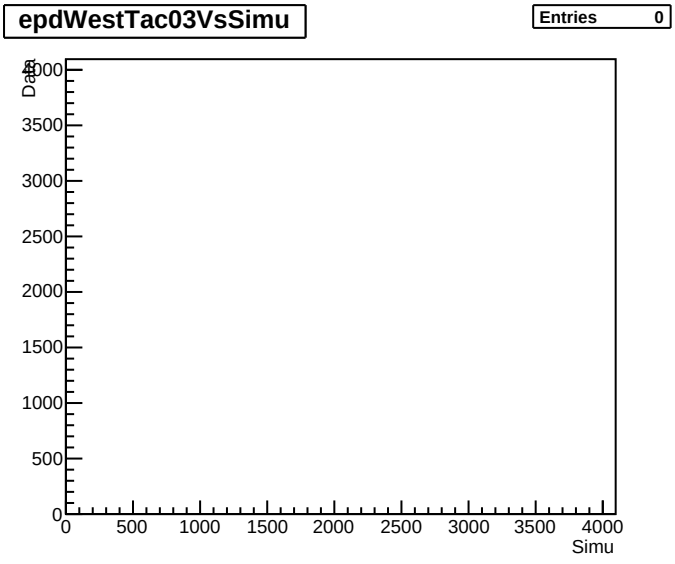
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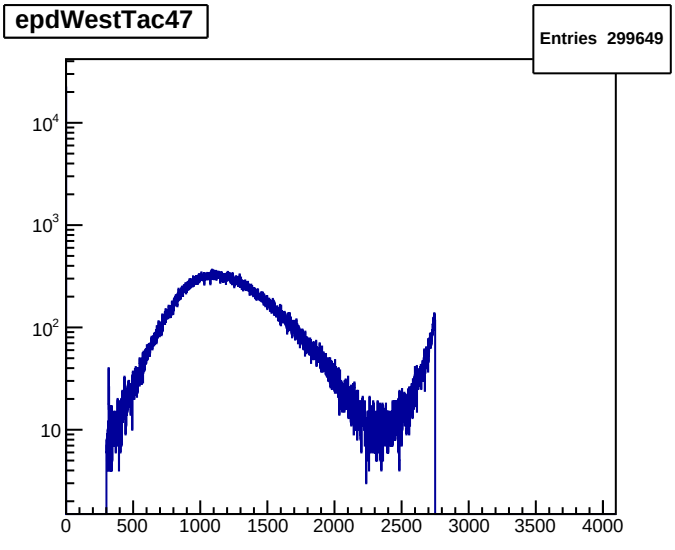
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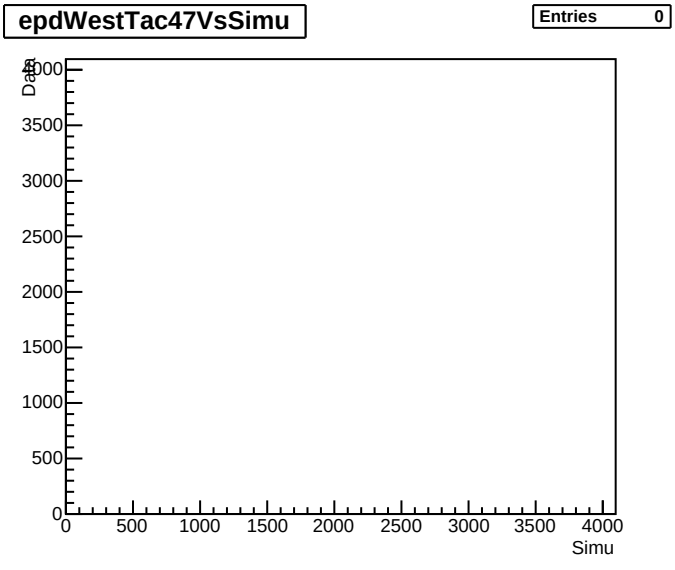
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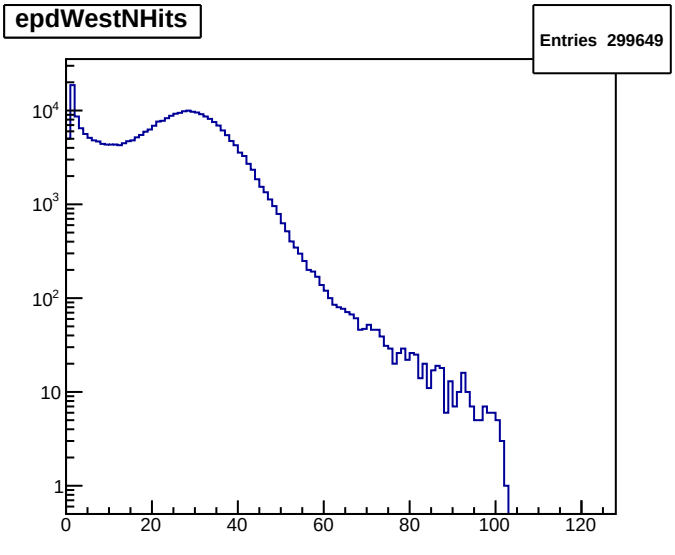
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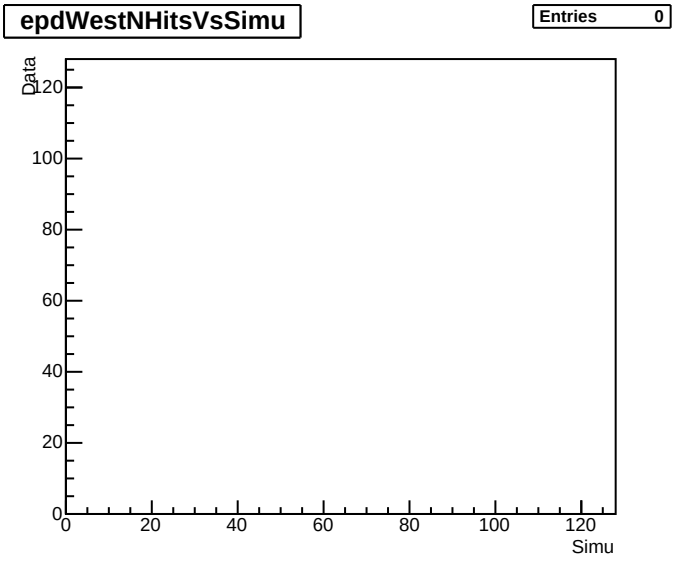
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Entries 0
Data
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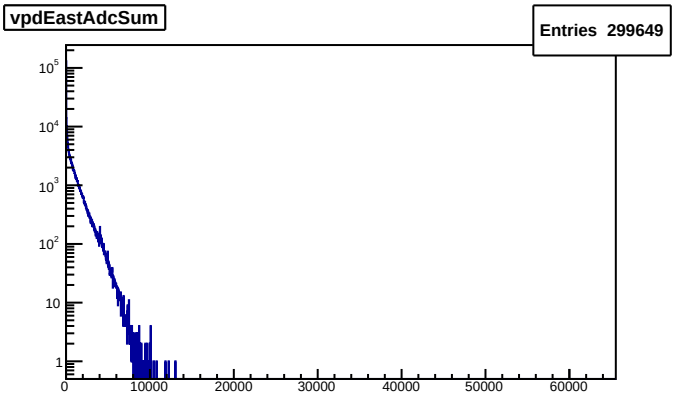
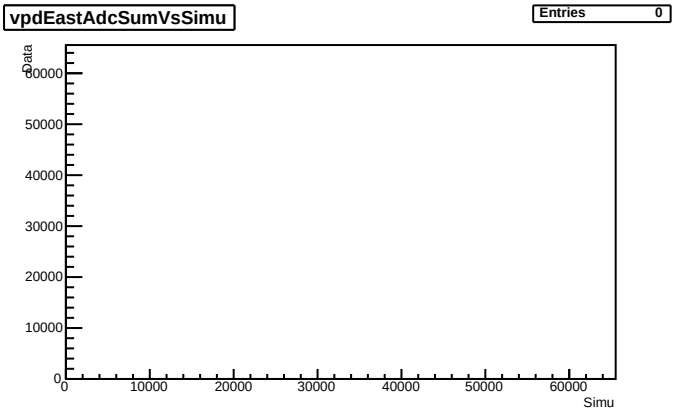

vpdEastAdcSum
Entries 299649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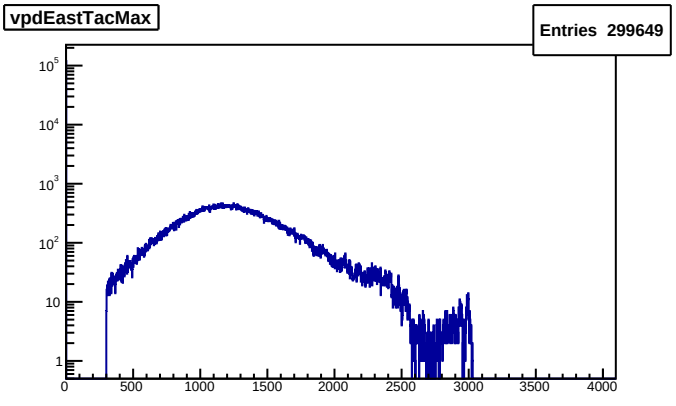
Data
Simu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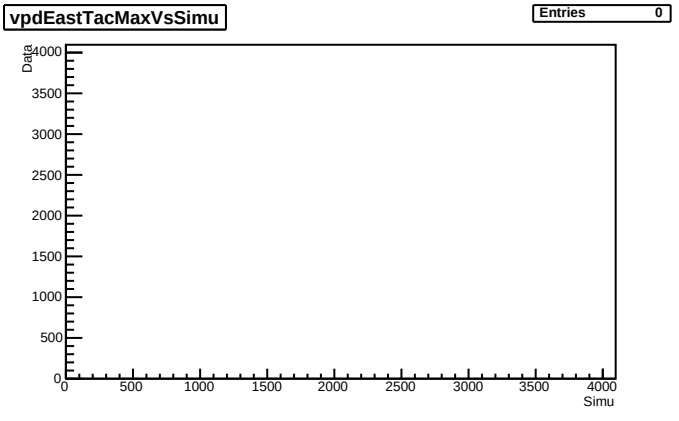
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Entries 0
Data
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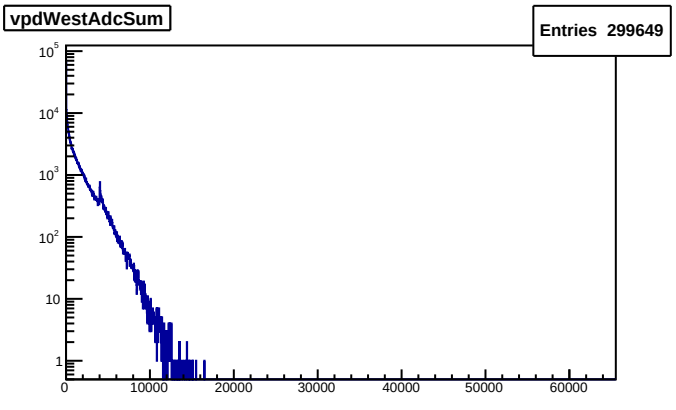
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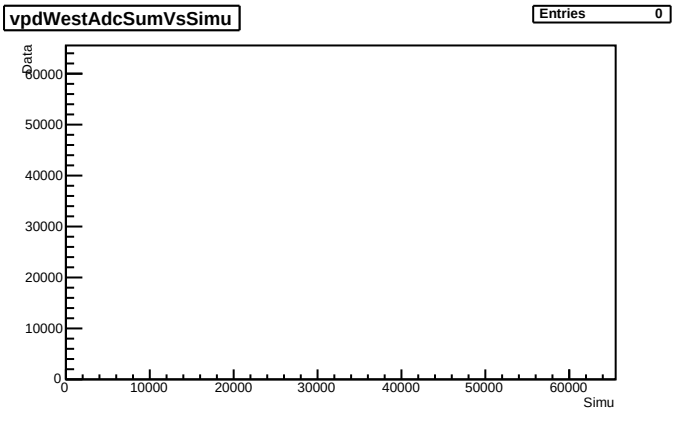
Entries 299649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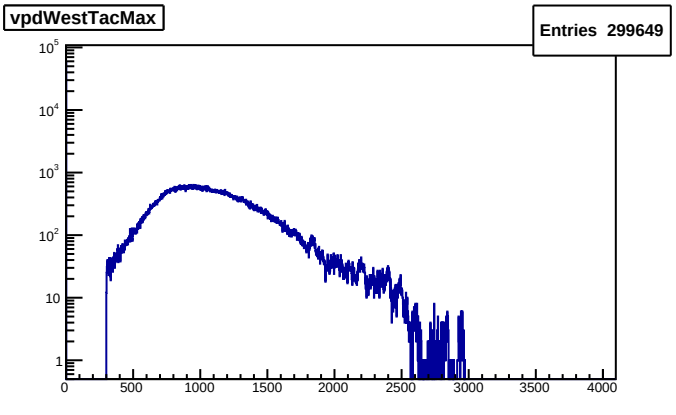
Entries 0
Data
Simu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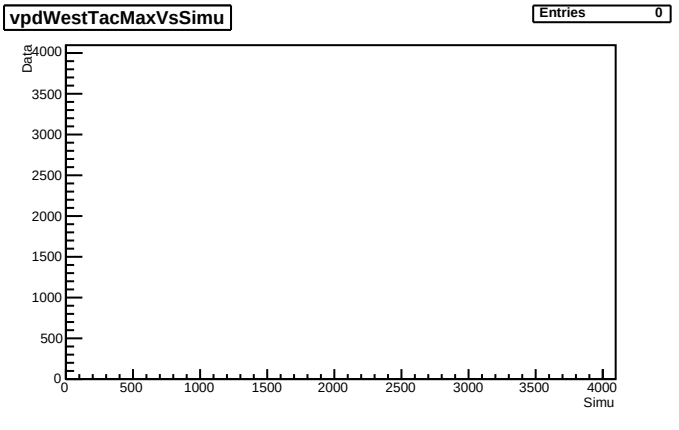
Entries 299649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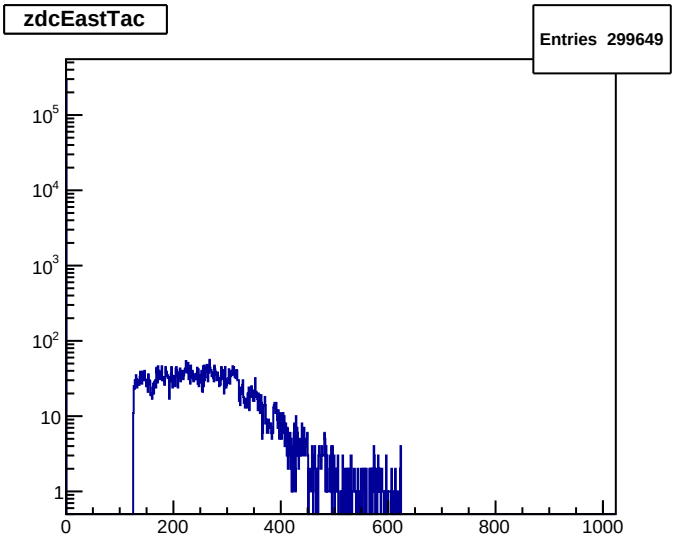
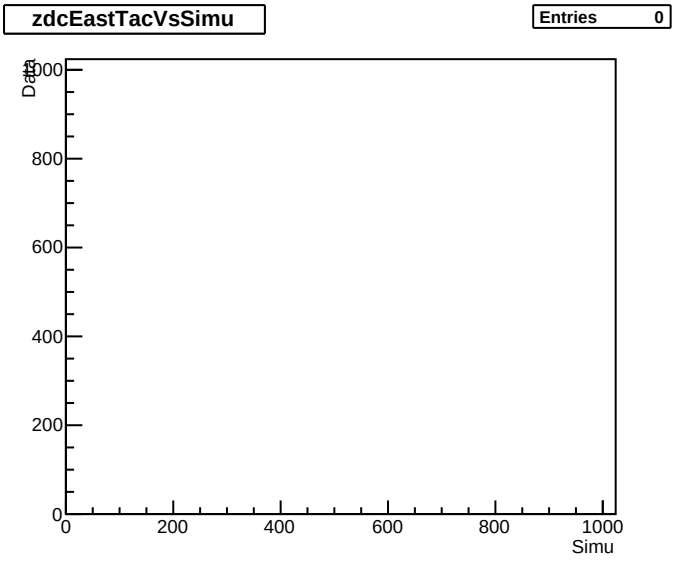
Entries 0
Data
Simu


zdcEastTac
Entries 299649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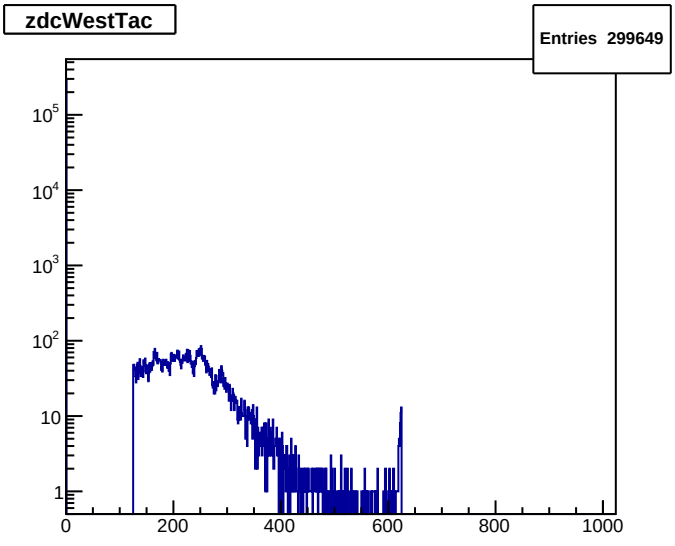
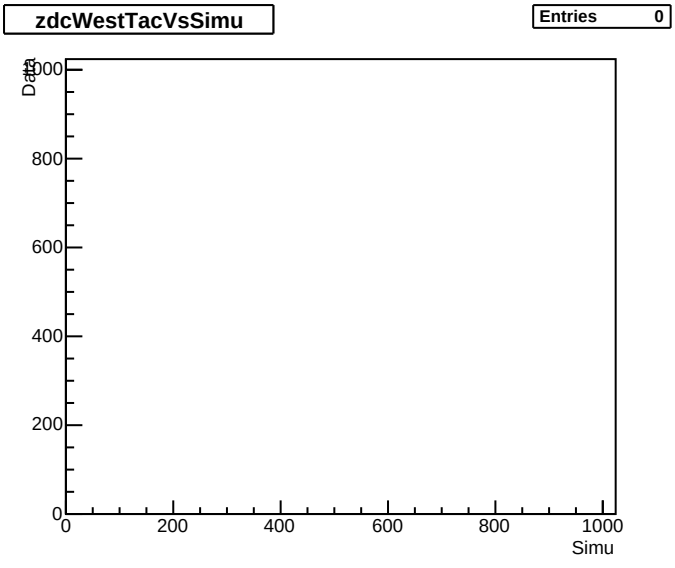
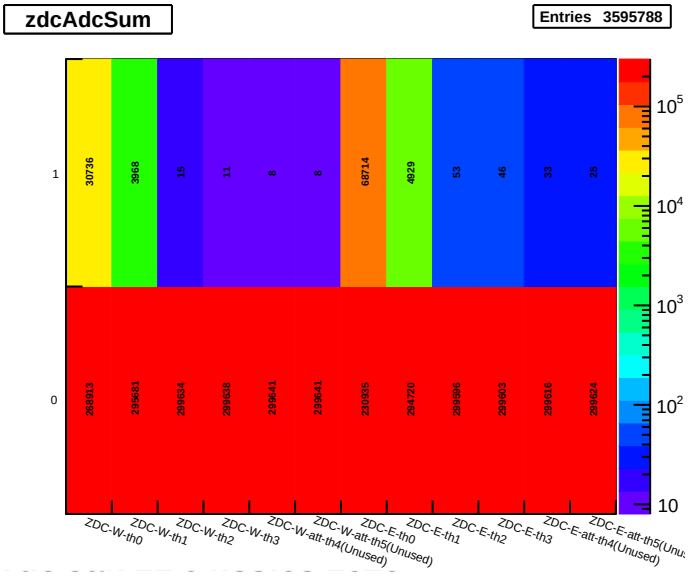
Entries 0
Data
Simu


zdcWestTac
Entries 299649


zdcWestTacVsSimu
Entries 0
Data
Simu


zdcAdcSum
Entries 3595788
30736
3968
15
11
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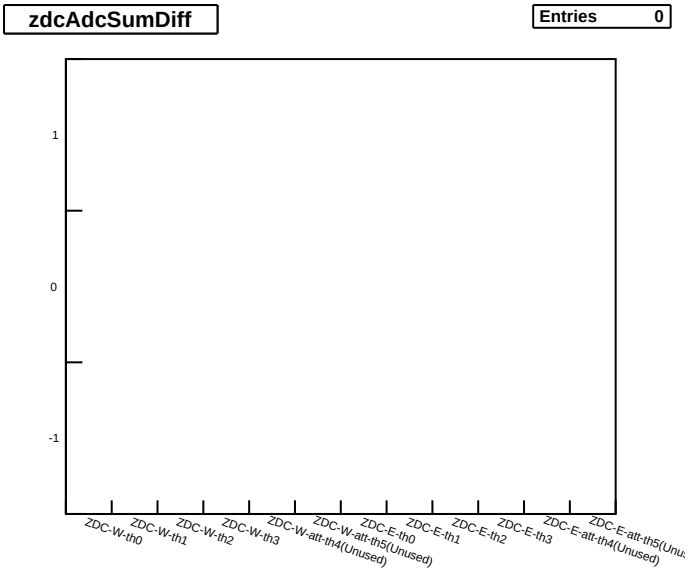
68714
4929
53
46
33
25
268913
295681
299634
299638
299641
299641
230935
294720
299596
299603
299616
299624
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)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Entries 0
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
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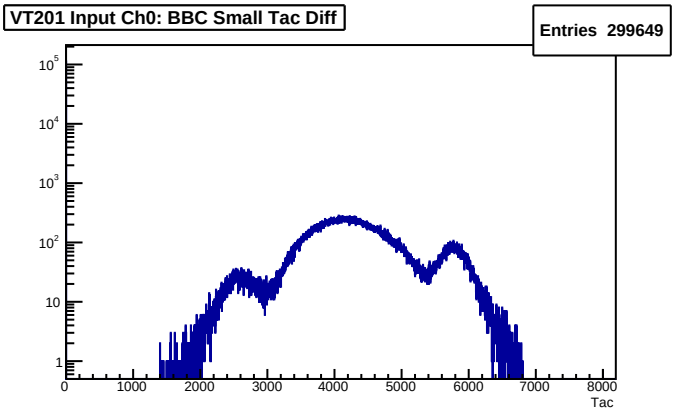
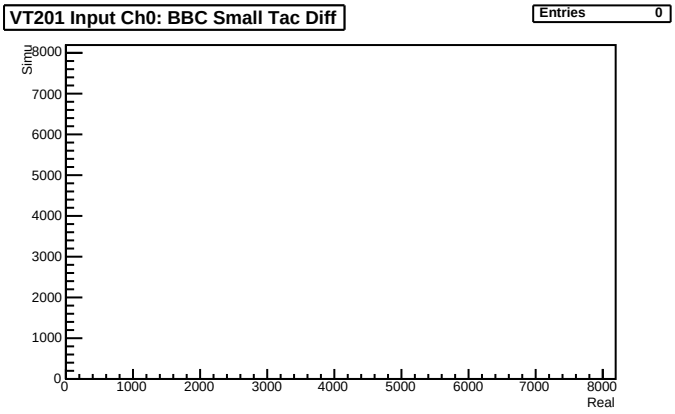
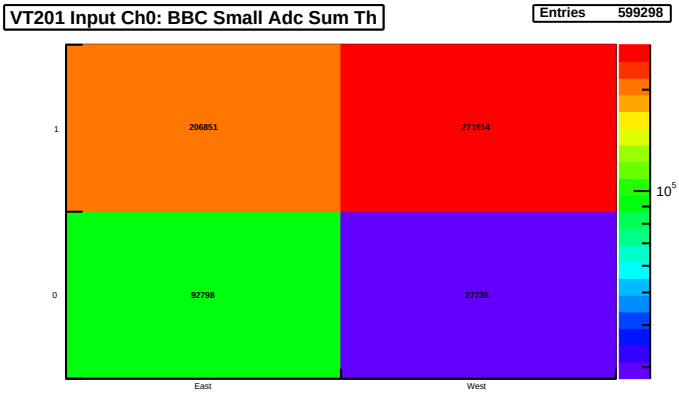
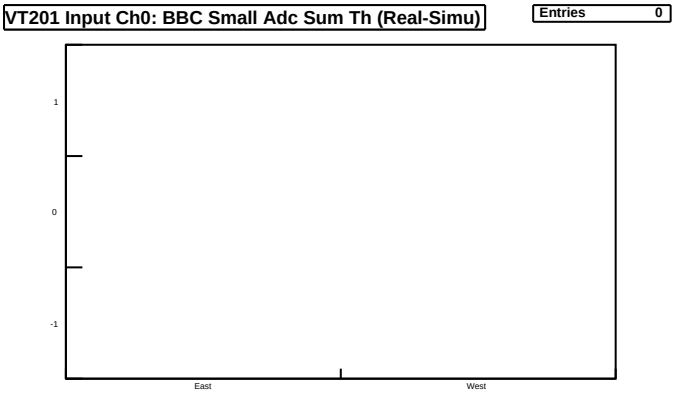
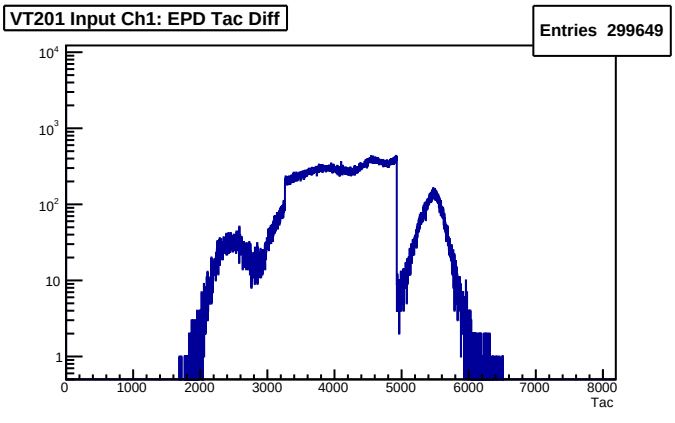
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)

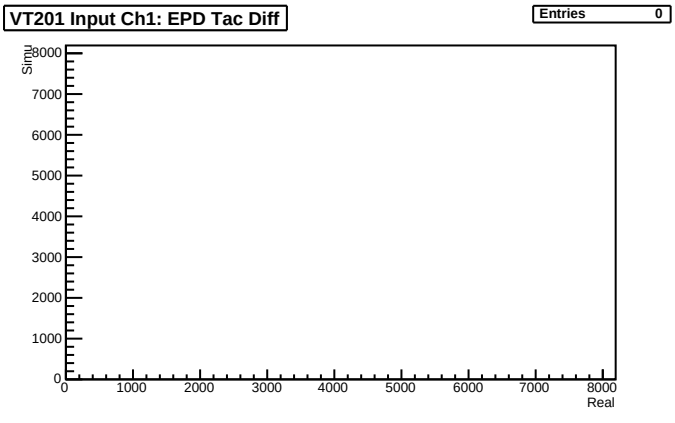

VT201 Input Ch0: BBC Small Tac Diff
Entries 299649
Tac

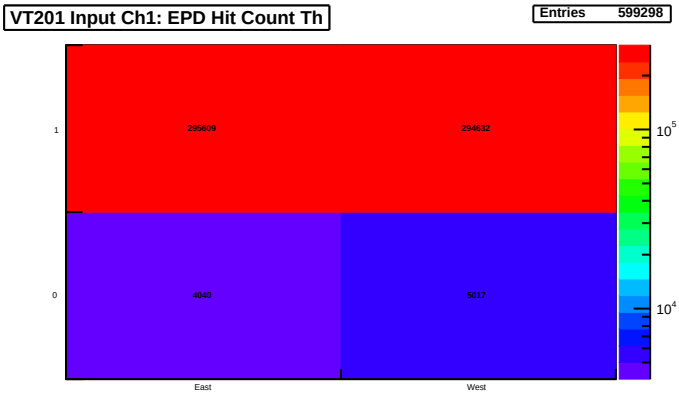

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

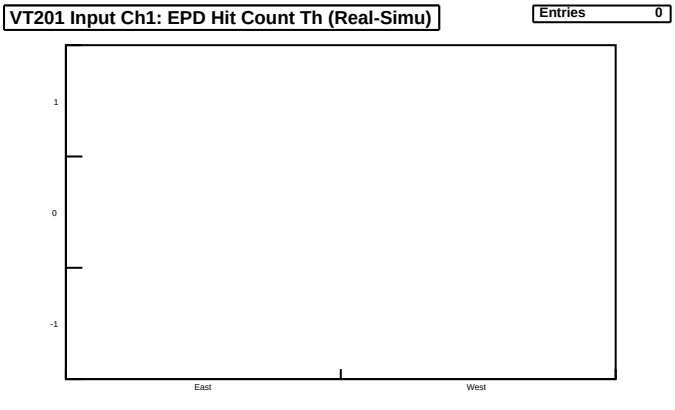

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 599298
206851
271914
92798
27735
East
West

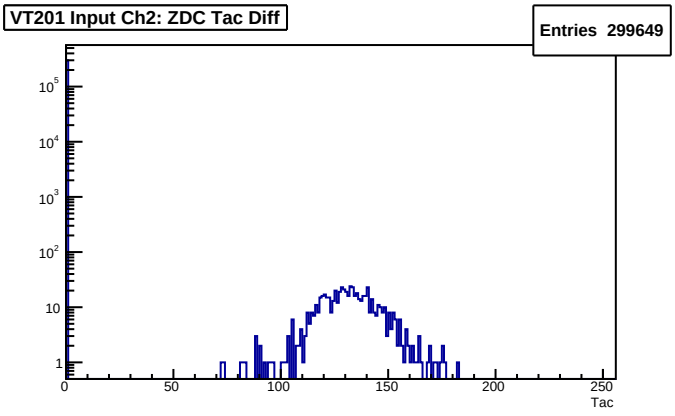

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

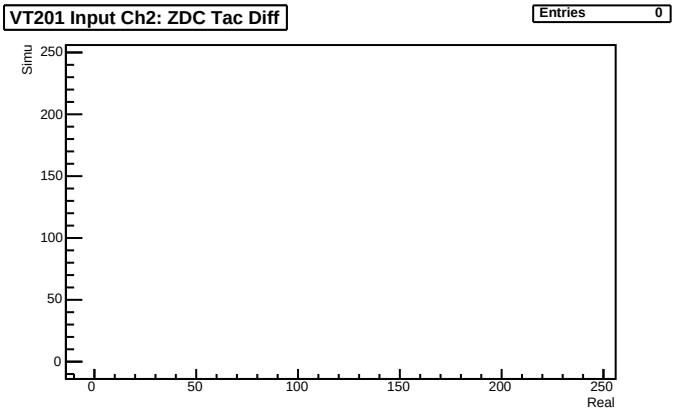

VT201 Input Ch1: EPD Tac Diff
Entries 299649
Tac

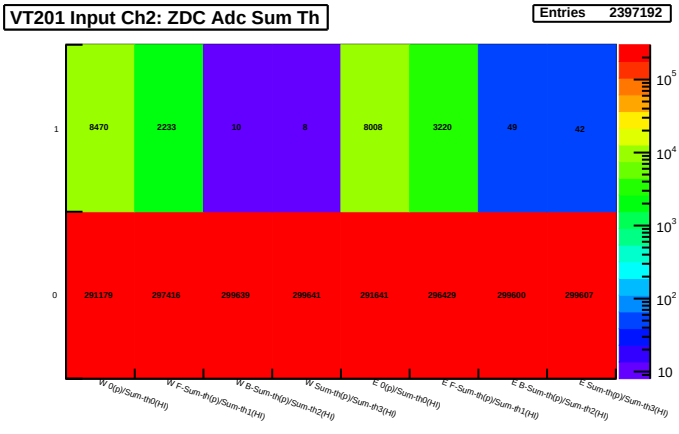

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

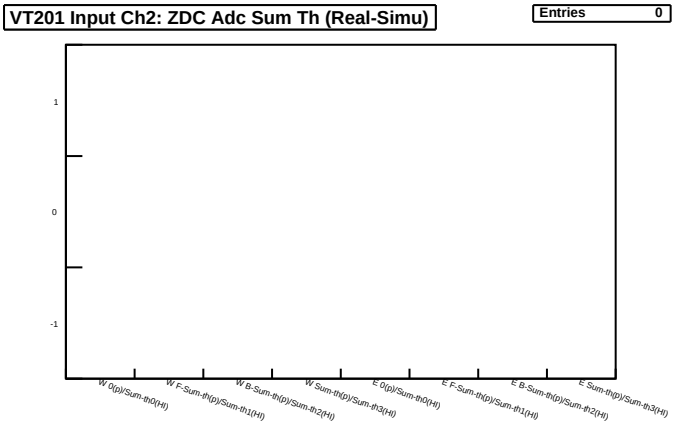

VT201 Input Ch1: EPD Hit Count Th
Entries 599298
295609
294632
4040
5017
East
West

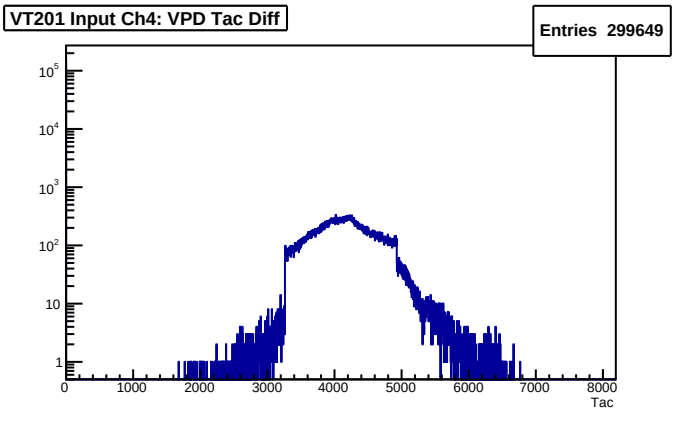

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

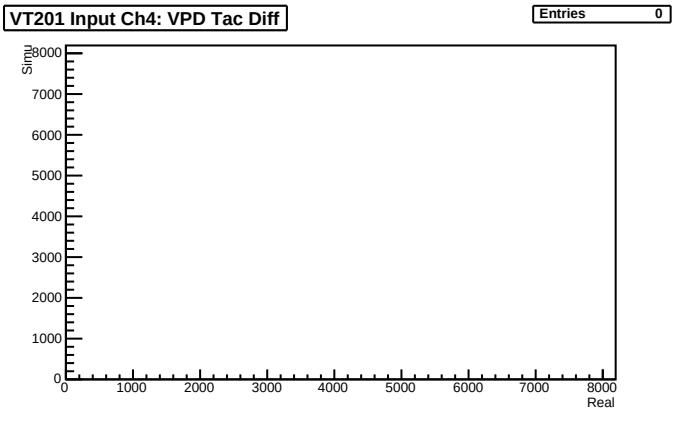

VT201 Input Ch2: ZDC Tac Diff
Entries 299649
Tac

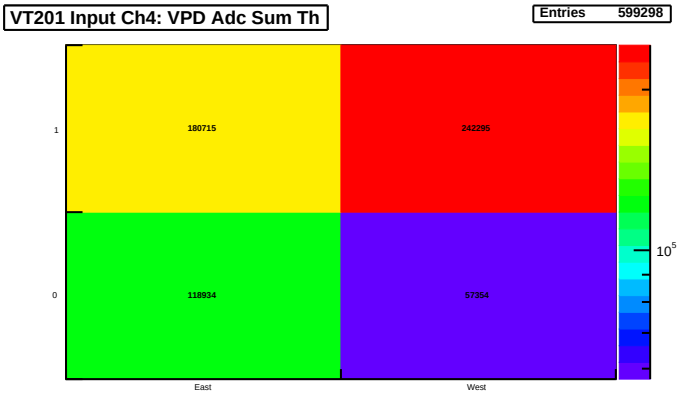

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

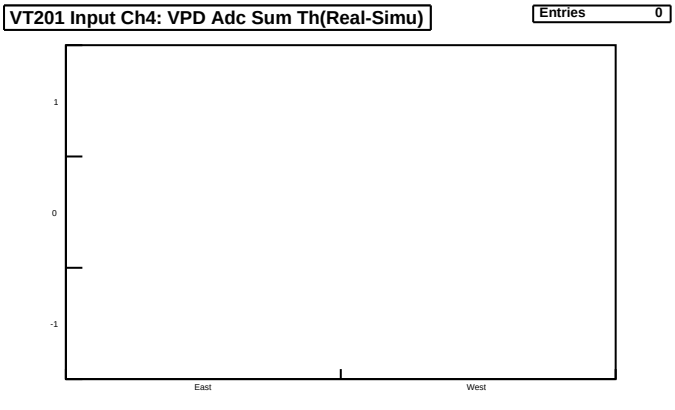

VT201 Input Ch2: ZDC Adc Sum Th
Entries 2397192
8470
2233
10
8
8008
3220
49
42
291179
297416
299639
299641
291641
296429
299600
299607
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

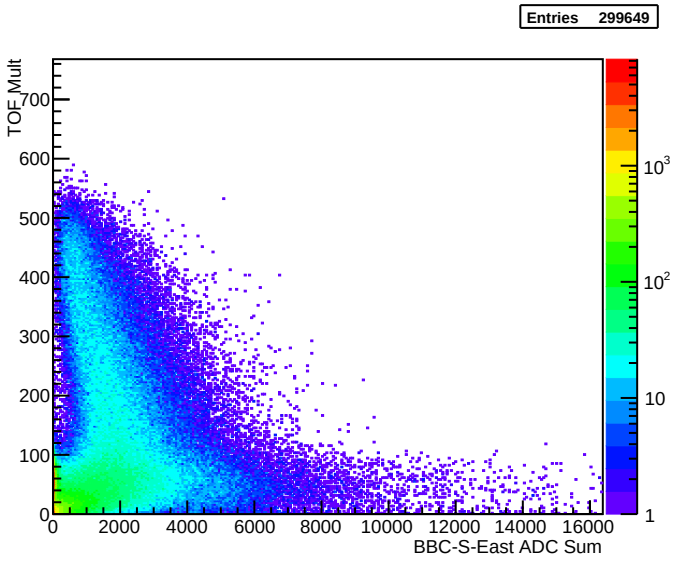

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

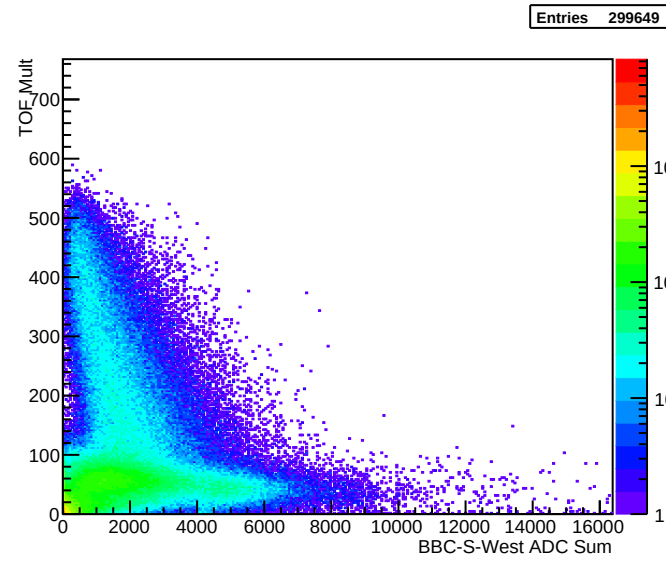

VT201 Input Ch4: VPD Tac Diff
Entries 299649
Tac

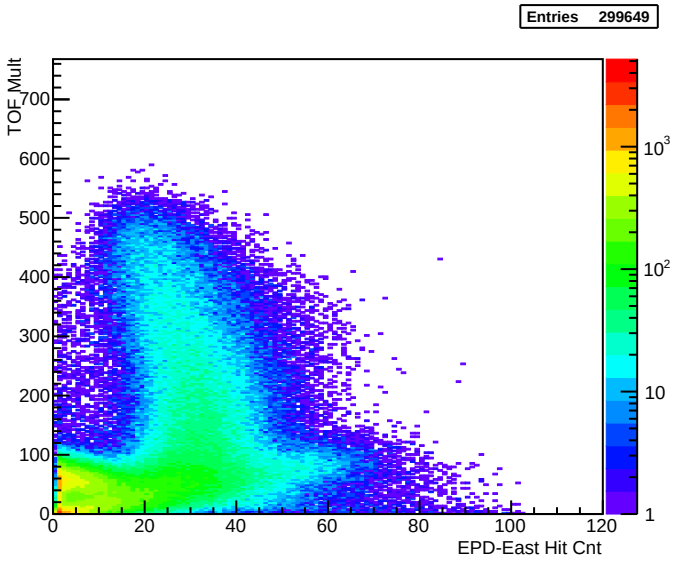

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

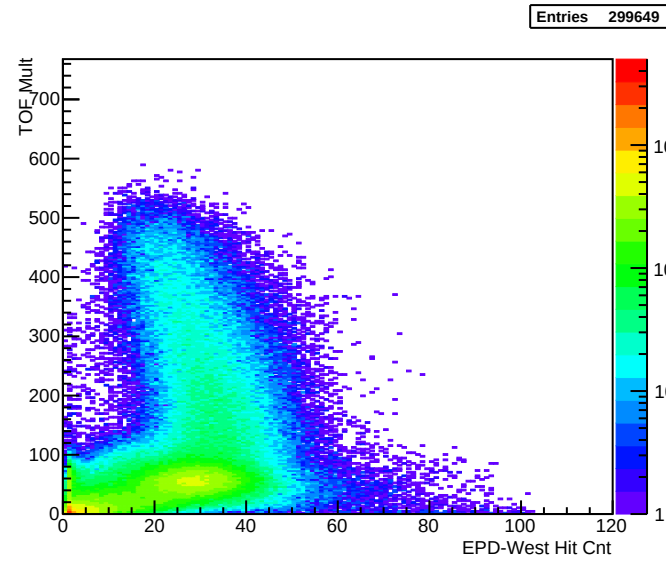

VT201 Input Ch4: VPD Adc Sum Th
Entries 599298
180715
242295
118934
57354
East
West

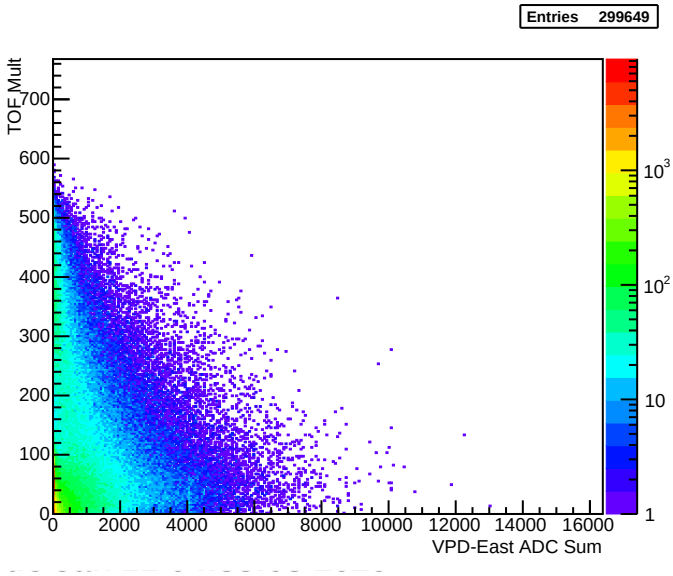

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

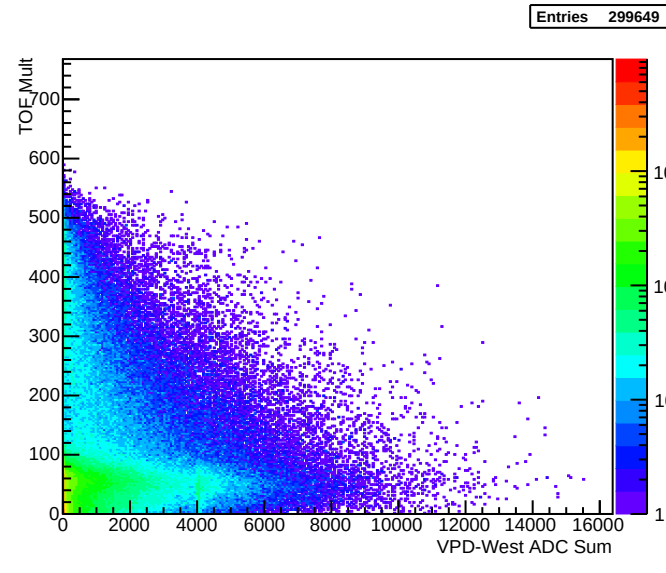

Entries 299649
TOF_Mult
BBC-S-East ADC Sum

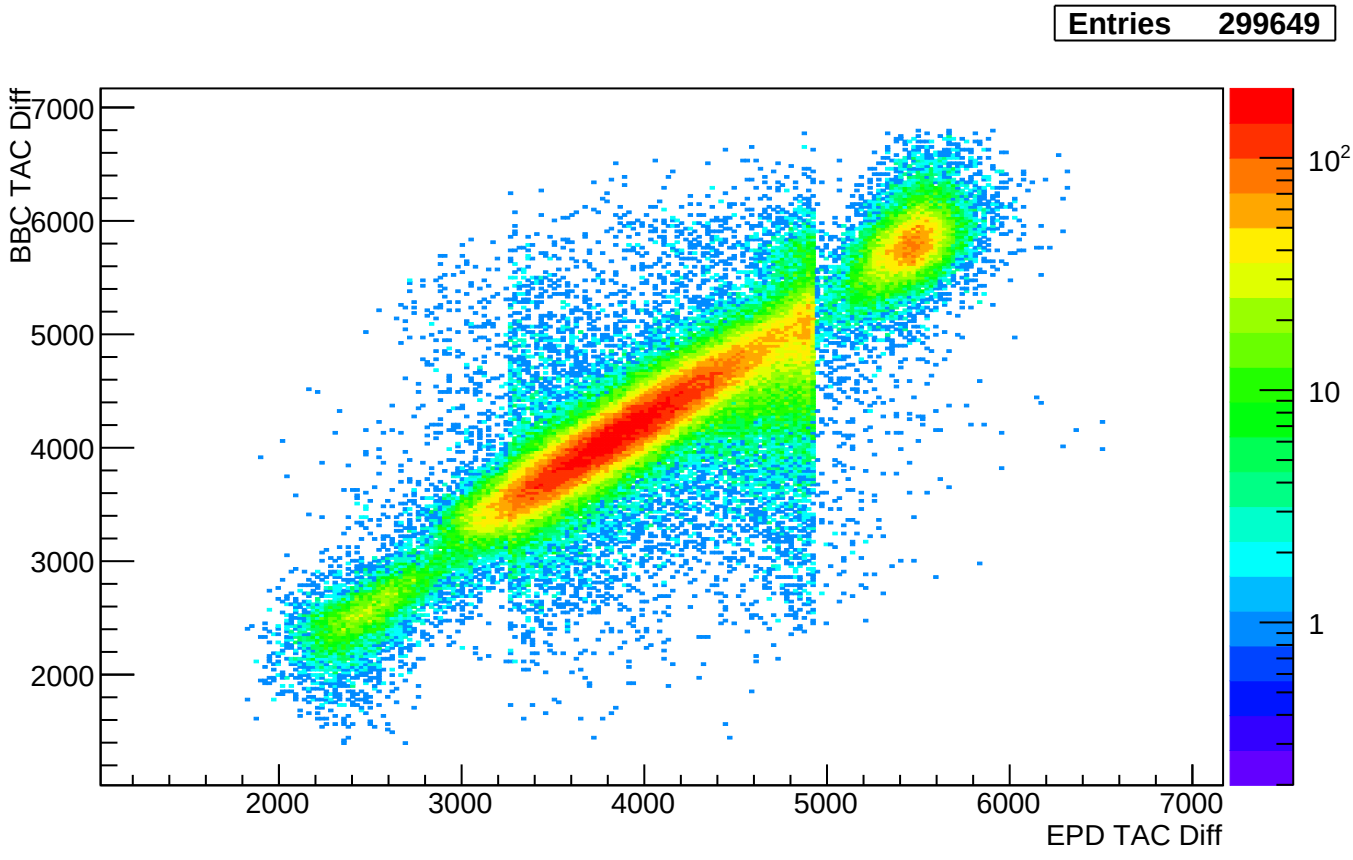

Entries 299649
TOF_Mult
BBC-S-West ADC Sum

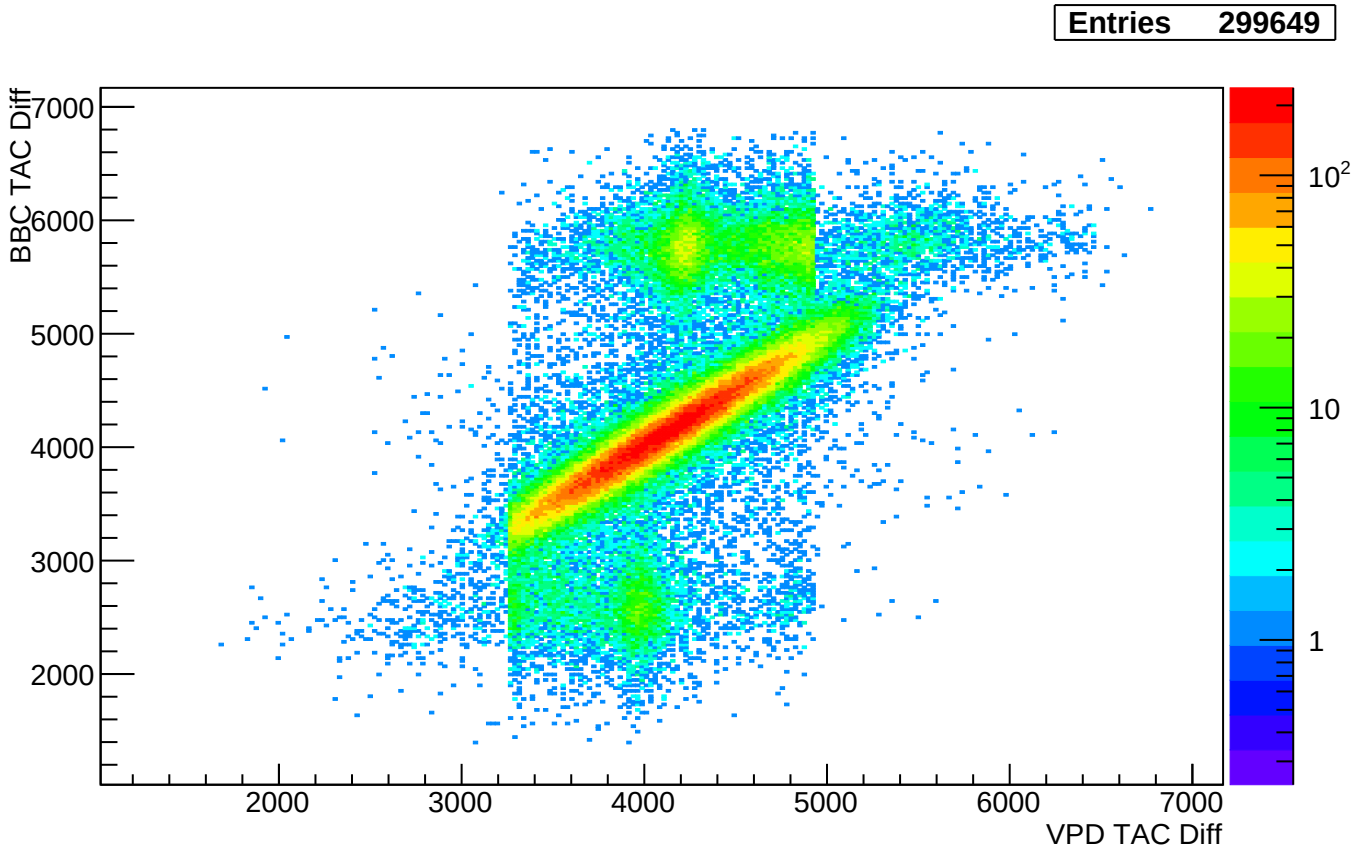

Entries 299649
TOF_Mult
EPD-East Hit Cnt

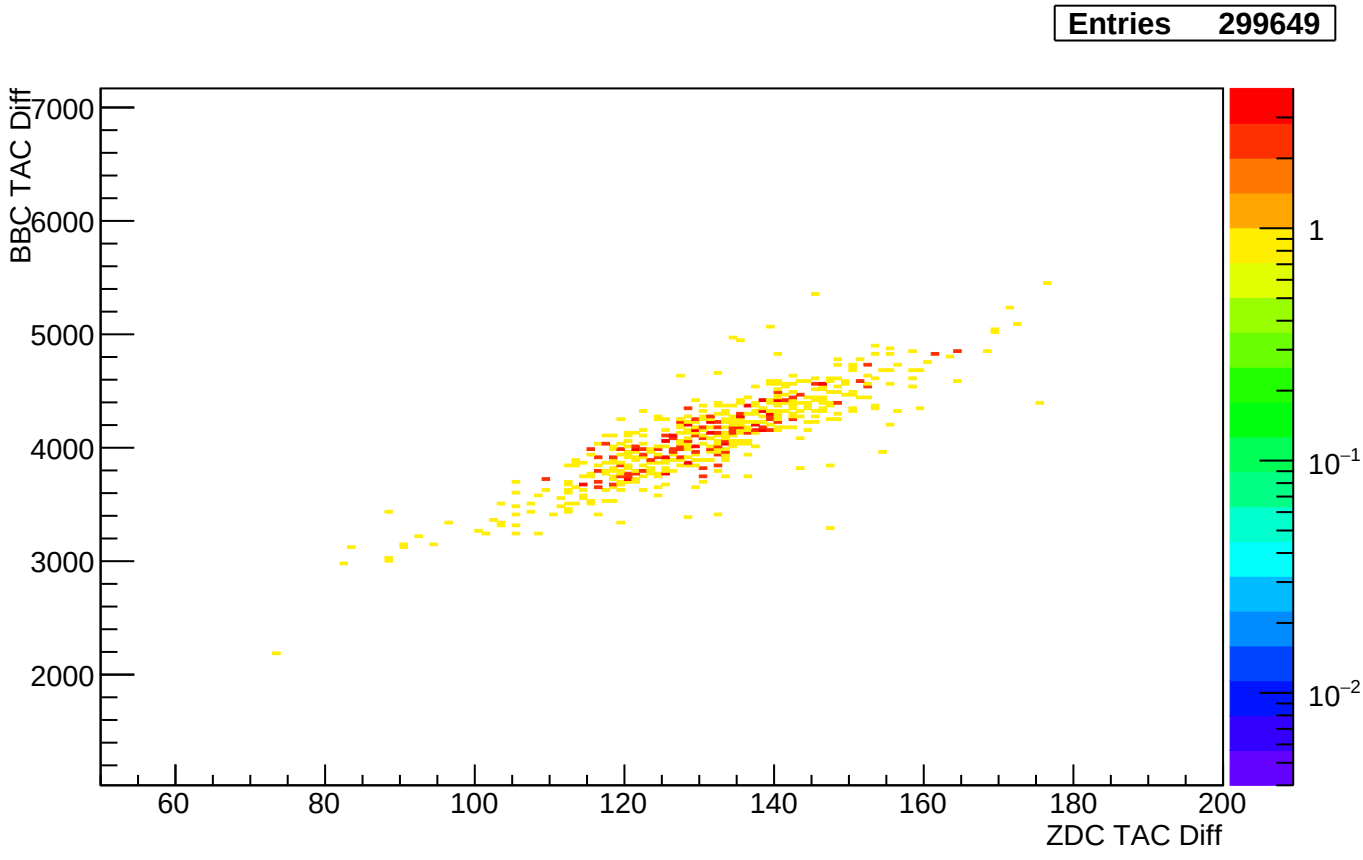

Entries 299649
TOF_Mult
EPD-West Hit Cnt

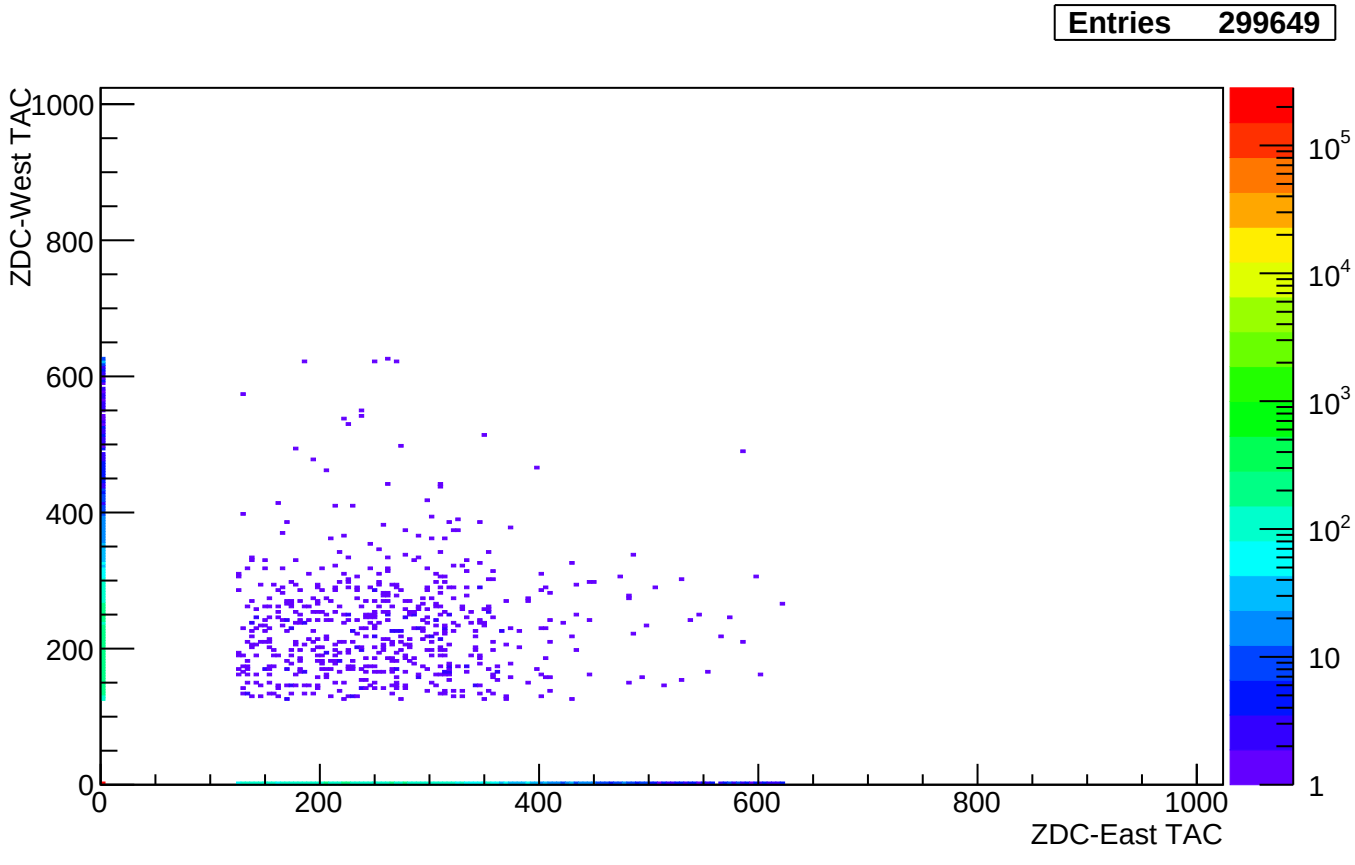

Entries 299649
TOF_Mult
VPD-East ADC Sum

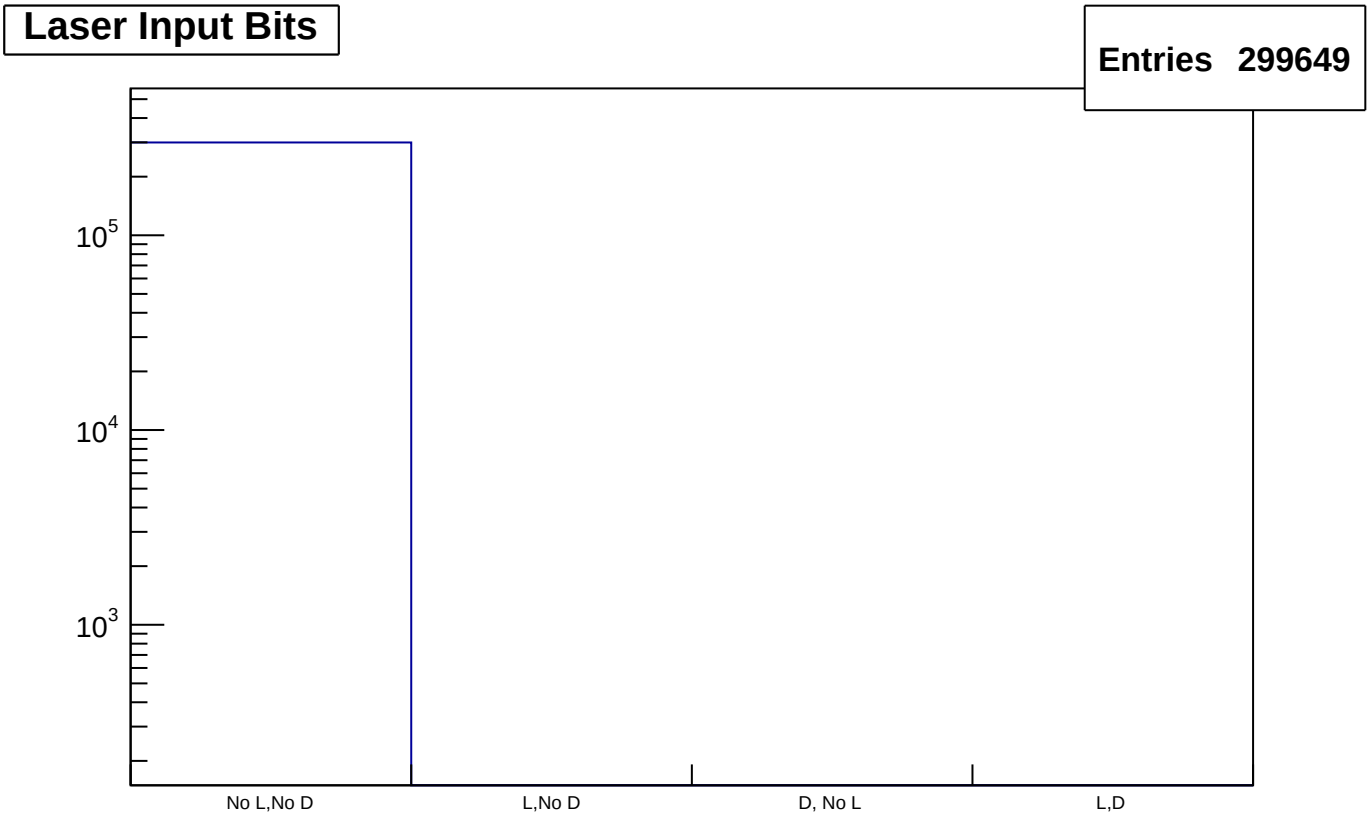

Entries 299649
TOF_Mult
VPD-West ADC Sum

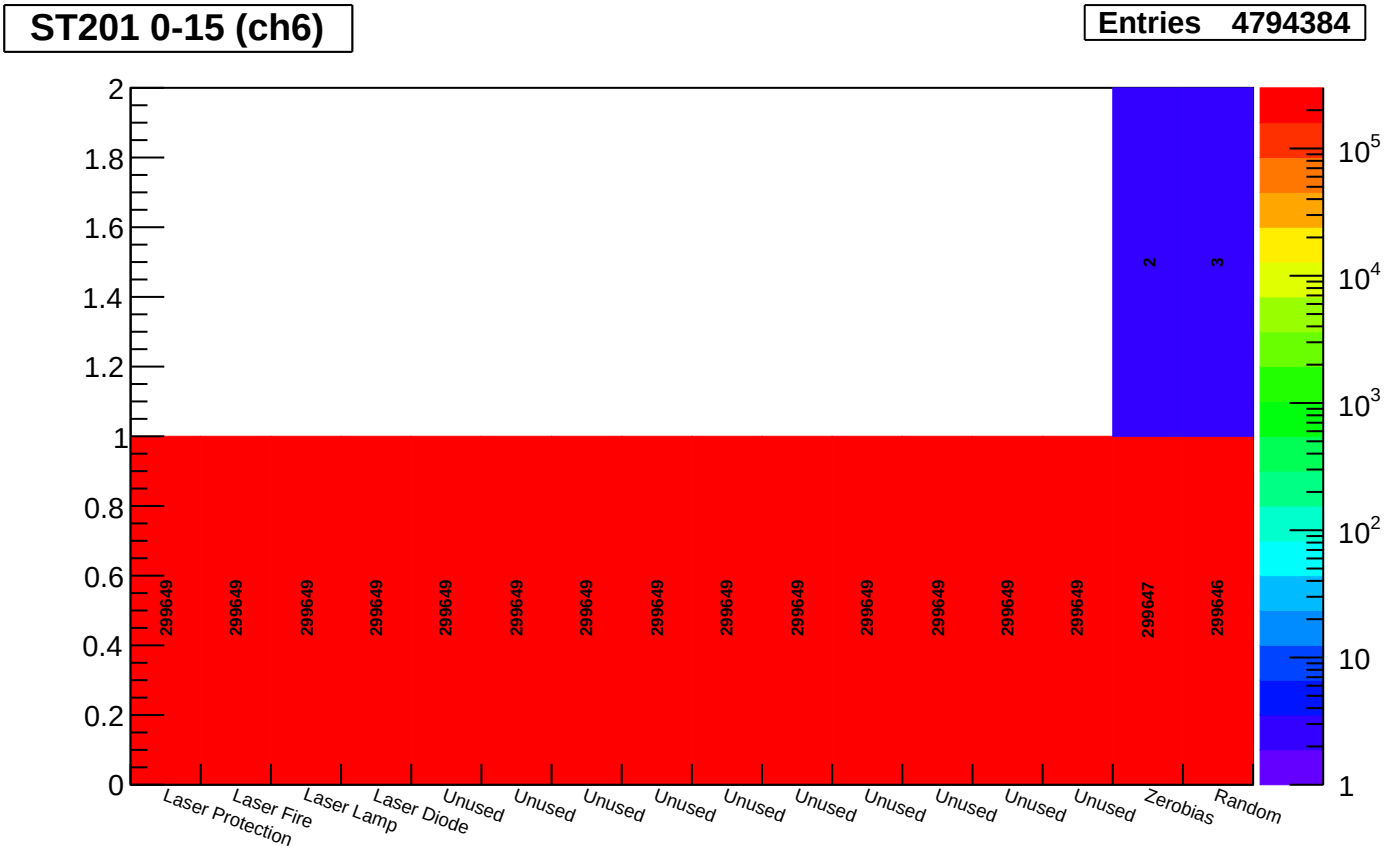

Entries 299649
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10^2
10
1

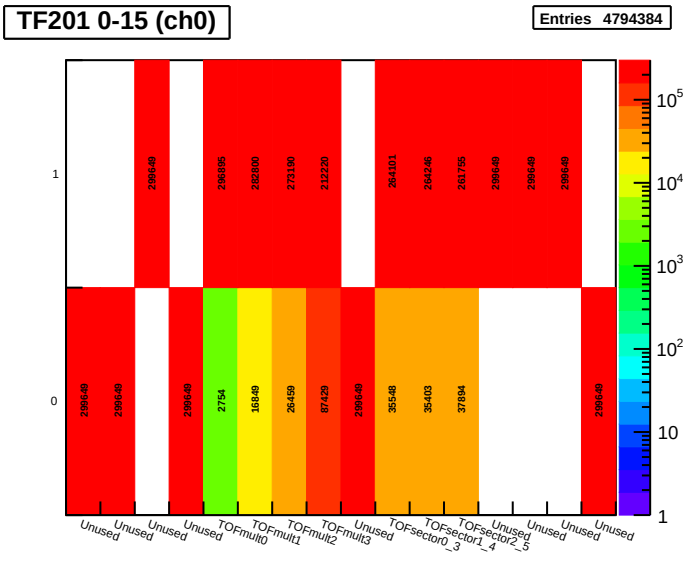

Entries 299649
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
10^2
10
1

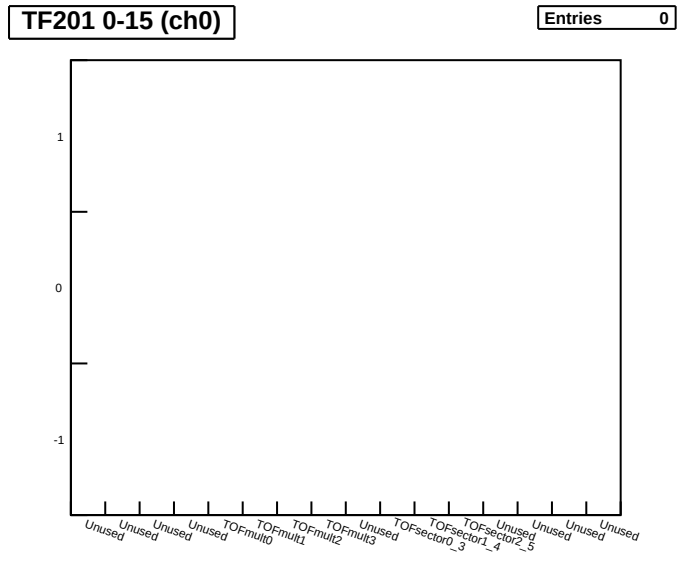

Entries 299649
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff
1
10^{-1}
10^{-2}

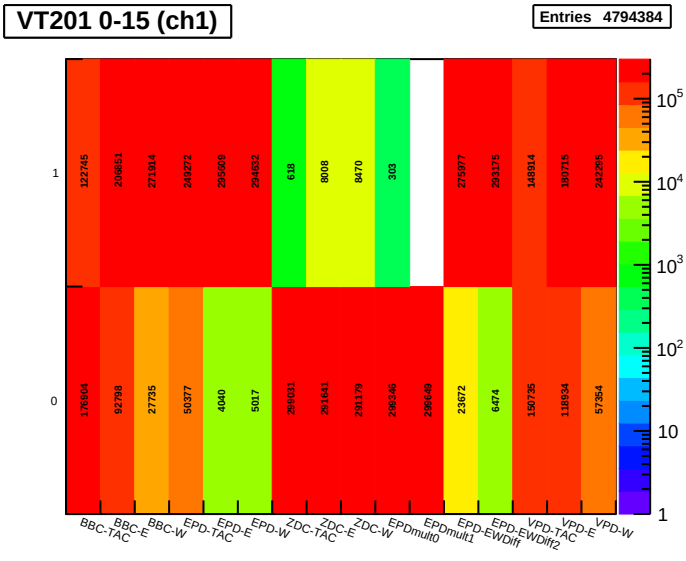

Entries 299649
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

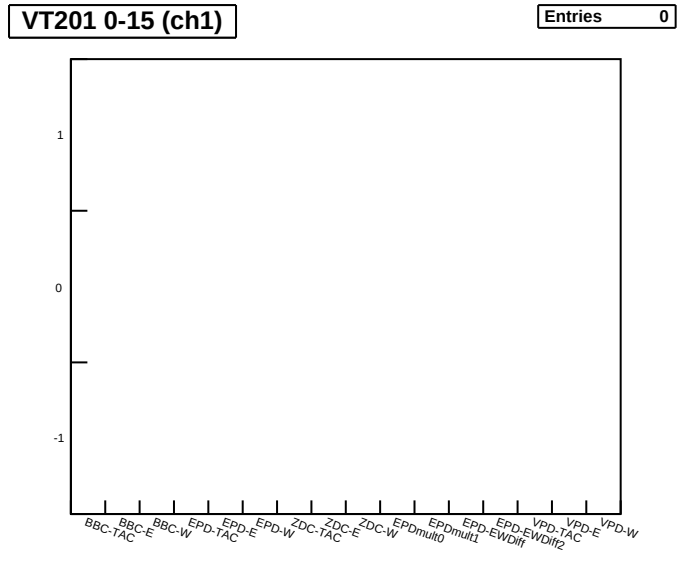

Laser Input Bits
Entries 299649
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

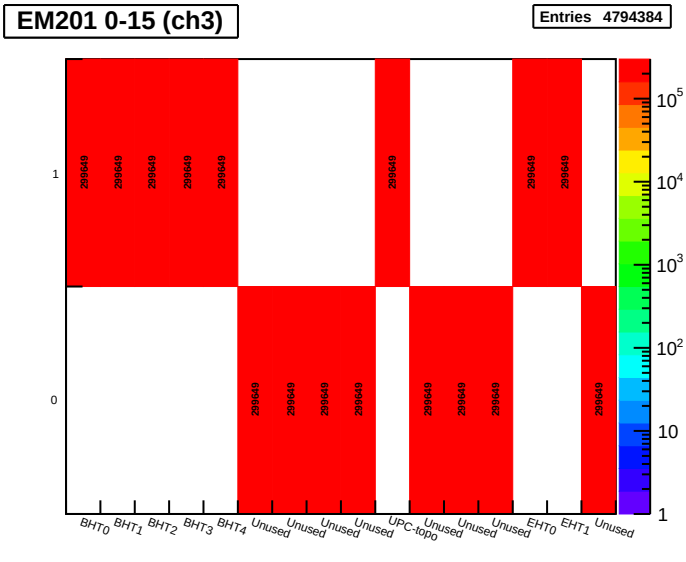

ST201 0-15 (ch6)
Entries 4794384
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299647
299646
2
3
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

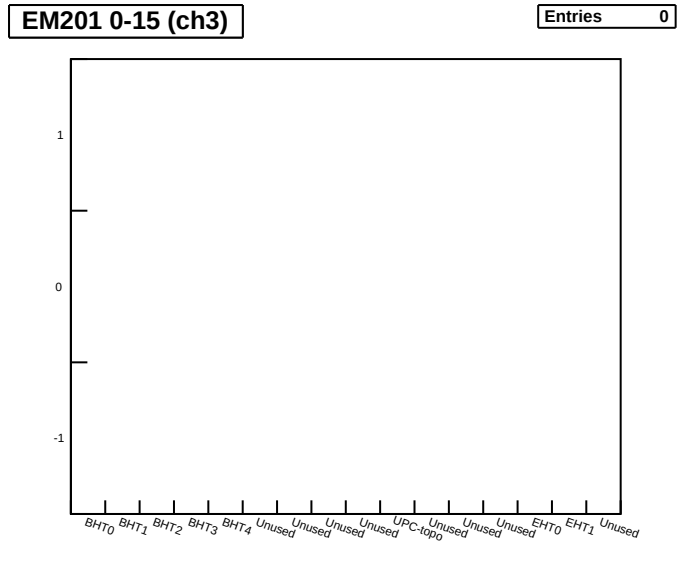

TF201 0-15 (ch0)
Entries 4794384
1
0
299649
299649
299649
299649
296895
292800
273190
212220
264101
264246
261755
299649
299649
299649
2754
16849
26459
87429
299649
35548
35403
37894
299649
Unused
Unused
Unused
Unused
TOFmult0
TOFmult1
TOFmult2
TOFmult3
Unused
TOFsector0_3
TOFsector1_4
TOFsector2_5
Unused
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 4794384
1
0
122745
206851
271914
249272
295609
294632
618
8008
8470
303
275977
293175
148914
180715
242295
176904
92798
27735
50377
4040
5017
299031
291641
291179
299346
299649
23672
6474
150735
118934
57354
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 4794384
1
0
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
299649
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