

19.7 fb<sup>-1</sup> (8 TeV)

Muon channel  
3 tag region

Events/Bin

200

150

100

50

• Data

tHq ( $C_t=-1$ )

$t\bar{t}+b\bar{b}$

$t\bar{t}+b$

$t\bar{t}+cc$

$t\bar{t}+lf$

$t\bar{t}H$

EW

MC stat.

50x tHq ( $C_t=-1$ )

Data-Pred.  
Pred.

MC stat.

0.5

0

-0.5

4

4.5

$\log(m_{t_{\text{had}}} - m_{W_{\text{had}}})$

5