

Events / bin

CMSSR-2 ℓ - $t\bar{t}t\bar{t}$

Prefit

• Data

 $t\bar{t}W$ $t\bar{t}H$

Other

 $t\bar{t}t\bar{t} + ttt$ $t\bar{t}Z$

NP + CMID

Total unc.

— SMEFT ($c_{tt} = 1$) $\times 10$ - - - SMEFT ($c_{Qt}^{(1)} = 1$) $\times 10$ - · - · - SMEFT ($c_{Qt}^{(8)} = 1$) $\times 200$... SMEFT ($c_{tH}^{Re} = 10$) $\times 10$

Ratio to data

— SM — $c_{tt} = 1$ - - - $c_{Qt}^{(1)} = 1$ - · - · - $c_{Qt}^{(8)} = 1$... $c_{tH}^{Re} = 10$ 