

36* fb⁻¹ (13 TeV)

95% CL upper limit on coupling factor (κ)

CMS

Up-type doublet, $\Gamma_T/m_T < 5\%$

— Observed

- - - Expected

— (tq)T \rightarrow tZ + tH \rightarrow bqq,bb (merged-jet) \clubsuit
JHEP 01 (2020) 036

— (tq)T \rightarrow tZ \rightarrow bqq,ll \clubsuit
PLB 781 (2018) 574

