Doublet T model

Observed 95% CL upper limit, low-mass

Expected 95% CL upper limit, low-mass

68% expected, low-mass

95% expected, low-mass

Observed 95% CL upper limit, high-mass

Expected 95% CL upper limit, high-mass

68% expected, high-mass

95% expected, high-mass

CMS

$\sigma(pp \to (tH+tZ)tq) [\text{pb}]$

$\sigma(pp \to (tH+tZ)tq, \Gamma/m_T = 0.3)$

$m_T [\text{TeV}]$

$35.9 \text{ fb}^{-1} (13 \text{ TeV})$

$|Tm/\Gamma(tH+tZ)tq| = 0.3$