

137 fb⁻¹ (13 TeV)

CMS

$t\bar{t}\phi(\rightarrow\mu\mu)$, Scalar ϕ

$g_t^2 B(\phi\rightarrow\mu\mu)$

1
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵

Z boson mass region

95% CL upper limits

—●— Observed

⋯ Median expected

■ 68% expected

■ 95% expected

50

100

150

200

250

300

ϕ mass (GeV)

