

138 fb⁻¹ (13 TeV)

CMS

$N_b \geq 2$

$\sigma_{\text{mass}} = 10.8 \text{ GeV}$

● Data

— Exponential

— Power-law

— First-order Bernstein

— Signal, $m_{Z'} = 500 \text{ GeV}$

($|g_l| = |g_v| = |g_b| = 0.03, \delta_{bs} = 0$)

Events / σ_{mass}

