

18.8 fb⁻¹ (8 TeV)

Λ (GeV)

CMS
Preliminary

Razor-b limit: Scalar EFT operator

$R_\Lambda = 80\%$



Expected limit, with uncertainty



Observed limit



$\Lambda < 2m_\chi$



$\Lambda < m_\chi/2\pi$

$g_{\text{eff}} = 2\pi$

$g_{\text{eff}} = 3\pi$

$g_{\text{eff}} = 4\pi$

10⁻¹

1

10

10²

10³

M_χ (GeV)

