

18.84 fb⁻¹ (8TeV)

Λ (GeV)

CMS

Preliminary

Razor-b limit: Scalar EFT operator

$R_\Lambda = 80\%$

— Expected limit

— $\pm 1\sigma$ expected limit

— 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)

