

137 fb⁻¹, 2016-2018 (13 TeV)

CMS *Preliminary*

$g_q = 0.25$

Vector mediator

$g_X = 1.0$

$m_{\text{DM}} = m_{\text{med}} / 3$

- Median expected
- Observed
- 68% expected
- 95% expected

10⁻¹

10⁻²

0

500

1000

1500

2000

2500

M_{med} (GeV)

95% CL upper limit on the coupling g_q