

137 fb⁻¹, 2016-2018 (13 TeV)

CMS

$g_q = 0.25$

$\Omega h^2 = 0.12$

Axial mediator

$g_\chi = 1.0$

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

-○- 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

