

137 fb<sup>-1</sup>, 2016-2018 (13 TeV)

**CMS**

$g_q = 0.25$

Vector mediator

$g_X = 1.0$

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

$\Omega h^2 = 0.12$

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

10<sup>-1</sup>

10<sup>-2</sup>

0

500

1000

1500

2000

2500

$m_{\text{med}}$  (GeV)

95% CL upper limit on the coupling  $g_q$

