Resonance mass [GeV]

2000 3000 4000 5000 6000 7000 8000

[77.8 fb⁻¹ (13 TeV)]

CMS Preliminary

95% CL limits

Fit Method
Ratio Method

- Observed
- Expected ± 1 s.d.
- Expected ± 2 s.d.

σ × B × A [pb]

gluon-gluon

Color-octet scalar (k_s^2 = \frac{1}{2})