

CMS simulation

2.1 fb⁻¹ (13 TeV)

 R^2

razor MultiJet ≥ 3 b-tag Sideband Fit

$$pp \rightarrow \tilde{g}\tilde{g}, \tilde{g} \rightarrow b\bar{b}\tilde{\chi}_1^0$$
$$m_{\tilde{g}} = 1400 \text{ GeV}, m_{\tilde{z}} = 100 \text{ GeV}, \mu = 1.0$$

1

-0.4 -0.3 -0.3 -0.2 -0.1 -0.1 -0.0

0.8

0.7

0.6

0.5

0.4

0.3

0.0	0.6	-1.2	0.3	1.5	3.7	-0.0
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600

1000

2000

3000

 $M_R \text{ [GeV]}$

4

2

10

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[illegible]Stat. σ (Sim. Data - Fit)/sqrt(Fit)