

19.7 fb⁻¹ (8 TeV)

CMS

LQ $\bar{L}\bar{Q} \rightarrow e\nu jj$

ATLAS exclusion (1.03 fb⁻¹, 7 TeV)

CMS exclusion (5.0 fb⁻¹, 7 TeV)

CMS exclusion (19.7 fb⁻¹, 8 TeV)

$\sigma_{\text{theory}} \times 2\beta(1-\beta)$ with unc., ($\beta=0.5$)

Expected 95% CL upper limit

Observed 95% CL upper limit

$\sigma \times 2\beta(1-\beta)$ [pb]

10
1
10⁻¹
10⁻²
10⁻³
10⁻⁴
10⁻⁵

400

600

800

1000

1200

M_{LQ} [GeV]

