

19.7 fb⁻¹ (8 TeV)**CMS**LQ $\bar{L}Q \rightarrow e\bar{e}jj$ ATLAS exclusion (1.03 fb⁻¹, 7 TeV)CMS exclusion (5.0 fb⁻¹, 7 TeV)CMS exclusion (19.7 fb⁻¹, 8 TeV) $\sigma_{\text{theory}} \times \beta^2$ with unc., ($\beta=1.0$)

Expected 95% CL upper limit

Observed 95% CL upper limit

 $\sigma \times \beta^2$ [pb] M_{LQ} [GeV]