

**CMS**137 fb<sup>-1</sup> (13 TeV) $m_{\tilde{\chi}_1^0}$  [GeV]800  
700  
600  
500  
400  
300  
200  
100 $pp \rightarrow \tilde{e}_{L/R} \tilde{e}_{L/R}, \tilde{\mu}_{L/R} \tilde{\mu}_{L/R}; B(\tilde{\ell} \rightarrow \ell \tilde{\chi}_1^0) = 1$ 

NLO+NLL exclusion

— Observed  $\pm 1$  s.d.<sub>theory</sub>- - - Expected  $\pm 1, 2$  s.d.<sub>experiment</sub>

100 200 300 400 500 600 700 800 900 1000

 $m_{\tilde{\ell}}$  [GeV]1  
10<sup>-1</sup>  
10<sup>-2</sup>  
10<sup>-3</sup>  
10<sup>-4</sup>  
10<sup>-5</sup>

95% CL upper limit on cross section [pb]

