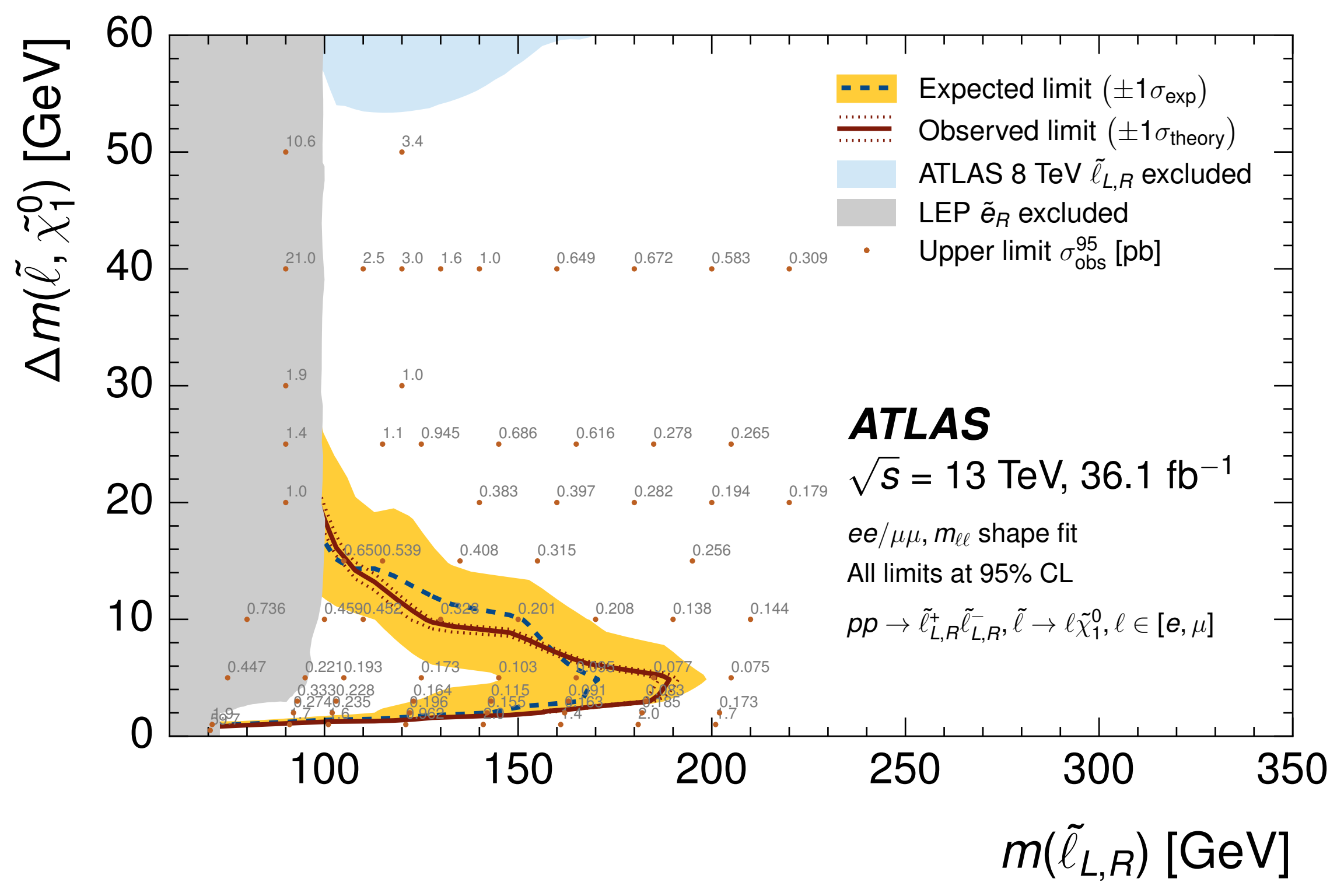
Expected limit $(\pm 1\sigma_{\text{exp}})$
Observed limit $(\pm 1\sigma_{\text{theory}})$
ATLAS 8 TeV $\tilde{\ell}_{L,R}$ excluded
LEP $\tilde{e}_R$ excluded
Upper limit σ^{95}_{obs} [pb]
ATLAS
$\sqrt{s}$ = 13 TeV, 36.1 fb^{-1}
$ee/\mu\mu$, $m_{\ell\ell}$ shape fit
All limits at 95% CL
$pp \to \tilde{\ell}^{+}_{L,R}\tilde{\ell}^{-}_{L,R}, \tilde{\ell} \to \ell\tilde{\chi}^{0}_{1}, \ell \in [e, \mu]$
$\Delta m(\tilde{\ell}, \tilde{\chi}^0_1)$ [GeV]
$m(\tilde{\ell}_{L,R})$ [GeV]