

$$\tilde{\mu} \tilde{\mu} \rightarrow \mu \mathbf{G} \mu \mathbf{G}, \text{ SR-}\mu\mu$$

Lifetime [ns]

ATLAS Internal

 $\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}, \text{ All limits at 95\% CL}$ Expected Limit ($\pm 1\sigma$)Observed Limit ($\pm 1 \sigma_{\text{theory}}^{\text{SUSY}}$)

SUSY theory)

Grey Numbers Represent Observed CLs Value

0.9

 $m(\tilde{\mu})$ [GeV]