$\Lambda_{\text{SM}} \rightarrow 10^{10}$

$\sigma_{\text{fid}} \times B \,[\text{fb}]$

$\mathbf{ATLAS}$

$X \rightarrow \mu\mu$

$\sqrt{s} = 13 \text{ TeV}, 139 \text{ fb}^{-1}$

- Observed limit at $\Gamma / m = 10\%$
- Expected limit at $\Gamma / m = 10\%$
- $\Gamma / m = 3\%$
- $\Gamma / m = 0\%$
- $Z_{\text{SSM}}$ model

$m_X \,[\text{GeV}]$