

Monthly DM-induced muon rate

 10^5 10^4 10^3 10^2

10

1

$$\varepsilon = 1.6\text{e-}08$$

$$\alpha_\chi = 0.245$$

95% CL Upper Limits

Expected Limit $\pm 1\sigma$, $\pm 2\sigma$ 

$$\sigma_{\text{th}}^{\text{LO}}(\text{A}' \rightarrow \mu\mu) \pm 1\sigma$$

12.82 TeV

10 20 30 40 50 60 70 80 90

 $m(\chi)$ [TeV]