

Monthly DM-induced muon rate

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

10

1

$$\varepsilon = 1.64\text{e-}07$$

$$\alpha_\chi = 0.245$$

95% CL Upper Limits

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

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

10

20

30

40

50

60

70

80

90

 $m(\chi)$ [TeV]

19.02 TeV