

Monthly DM-induced muon rate

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

10

1

$$\varepsilon = 2.3\text{e-}08$$

$$\alpha_\chi = 0.245$$

95% CL Upper Limits

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

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

22.88 TeV

10

20

30

40

50

60

70

80

90

 $m(\chi)$  [TeV]