


**CMS** *Internal*

Run 3 Cosmics

Monthly DM-induced muon rate

$$\varepsilon = 1.14\text{e-}07$$

$$\alpha_\chi = 0.245$$

**95% CL Upper Limits** **Expected Limit  $\pm 1\sigma$ ,  $\pm 2\sigma$**   $\sigma_{\text{th}}^{\text{LO}}(\text{A}' \rightarrow \mu\mu) \pm 1\sigma$ 