


CMS *Internal*

Run 3 Cosmics

Monthly DM-induced muon rate

$$\varepsilon = 6.4\text{e-}08$$

$$\alpha_\chi = 0.245$$

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