

**CMS** *Internal*

Run 3 Cosmics

Monthly DM-induced muon rate

$$\varepsilon = 1.7\text{e-}08$$

$$\alpha_{\chi} = 0.245$$

95% CL Upper Limits

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

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

