

**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  $\pm 1\sigma$ ,  $\pm 2\sigma$**

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

