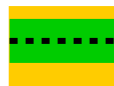


Monthly DM-induced muon rate

10<sup>5</sup>  
10<sup>4</sup>  
10<sup>3</sup>  
10<sup>2</sup>  
10  
1.00  
-1.00 TeV

**95% CL Upper Limits**



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



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

$m_{\text{A}'} = 0.245 \text{ GeV}$

$\varepsilon = 4\text{e-}09$

$\alpha_{\chi}^{\text{max}} = 0.17 \left(\frac{m_{\chi}}{\text{TeV}}\right)^{1.16}$

10 20 30 40 50 60 70 80 90

$m(\chi) [\text{TeV}]$