

138 fb⁻¹ (13 TeV)

CMS

Preliminary

$m_S = 0.6$ GeV

$\text{BR}(S \rightarrow \mu^+ \mu^-) = 0.095$

$\text{BR}(S \rightarrow \pi^+ \pi^-) = 0.603$

prompt

95% CL upper limit on $\text{BR}(H \rightarrow SS)$

- o - median expected

—●— observed

68% expected

95% expected

