

95% CL upper limit on $\sigma \times B(H \rightarrow SS)$

$H \rightarrow SS \rightarrow 4\ell, \ell = e, \mu$

95% CL upper limits

$\mu\mu$ channel

--- Median expected

— Observed

— $m_H = 600$ GeV, $m_S = 50$ GeV

— $m_H = 600$ GeV, $m_S = 150$ GeV

10⁻¹

1

10

10²

$c\tau_0$ [cm]

