

**CMS**113-118 fb<sup>-1</sup> (13 TeV)95% CL upper limit on  $B(H \rightarrow SS)$  $H \rightarrow SS, S \rightarrow \ell^+ \ell^-, \ell = e, \mu$ 

95% CL upper limits

- - - Median expected

— Observed

—  $m_H = 125$  GeV,  $m_S = 30$  GeV—  $m_H = 125$  GeV,  $m_S = 50$  GeV $c\tau_0$  [cm]