

Events

**CMS** $\Delta\phi < 0.75$  $S \rightarrow d\bar{d}$  $c\tau = 1 \text{ m}$  $B(H \rightarrow SS) = 1\%$ 

- $m_S = 3 \text{ GeV}$
- $m_S = 7 \text{ GeV}$
- $m_S = 15 \text{ GeV}$
- $m_S = 40 \text{ GeV}$
- $m_S = 55 \text{ GeV}$
- Background
- Data

