

$A \rightarrow Zh \rightarrow (\nu\nu, ll)bb$ 

(13 TeV)

Acceptance  $\times$  efficiency**CMS***Simulation Preliminary*

0l, 1 b tag

0l, 2 b tag

0l, 3 b tag

2l, 1 b tag

2l, 2 b tag

2l, 3 b tag

$$\varepsilon = \frac{N^{\text{SR}}(Z \rightarrow ll)}{N^{\text{GEN}}(Z \rightarrow ll)} \quad \text{with } l=(e, \mu, \tau) \text{ or } (\nu_e, \nu_\mu, \nu_\tau)$$

 $10^{-1}$  $10^{-2}$  $10^{-3}$ 

200 300 400 500 600 700 800 900 1000

 $m_A$  (GeV)