

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

(13 TeV)

**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

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

Acceptance  $\times$  efficiency

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

200 300 400 500 600 700 800 900 1000

$m_A$  (GeV)

