

(13 TeV)

Efficiency

**CMS**

*Simulation*

**Higgs boson tagging,  $\epsilon_s = 50\%$**

$300 < p_T^{\text{gen}} < 2000 \text{ GeV}, |\eta^{\text{gen}}| < 2.4$

$90 < m_{\text{SD}}^{\text{AK8}} < 140 \text{ GeV}$

—○— DeepAK8

—●— DeepAK8-MD

—×— BEST

—□— double-b

