

(13 TeV)

CMS*Simulation Preliminary* $\langle \text{PU} \rangle = 25$

AK R = 0.8

 $|\eta| < 1.5$

Mistagging rate (QCD)

- LoLa
- $M_{\text{Softdrop}}^{\text{PUPPI}} + \text{LoLa}$
- $M_{\text{Softdrop}}^{\text{PUPPI}} + \tau_{21}$

 $p_T = 1000 - 1400 \text{ GeV}$

— Discriminator scan

● M_{jet} selection only▼ $\epsilon_S = 30\%$ Tagging efficiency ($W \rightarrow q\bar{q}$)