

36.6 fb⁻¹ (13 TeV)**CMS Preliminary**

Fail category

Post-fit

Data

Background

Matched top

Pre-fit

$$\epsilon_{\text{tag}}^{\text{Data}} = 0.671 \pm 0.0114$$

$$\epsilon_{\text{tag}}^{\text{MC}} = 0.713$$

$$\epsilon_{\text{tag+mSD}}^{\text{Data}} = 0.557 \pm 0.00946$$

$$\epsilon_{\text{tag+mSD}}^{\text{MC}} = 0.566$$

 $\frac{\text{Data-Exp}}{\text{Exp}}$ fatjet m_{SD} [GeV]