

Mistagging rate (QCD)

 $H \rightarrow WW \rightarrow$ multi-modes vs. QCD multijet $400\text{GeV} < p_T < 600\text{GeV}, |\eta| < 2.4$ $60\text{GeV} < m_{SD} < 150\text{GeV}$

- 4q
- 3q
- $e\nu qq$
- $\mu\nu qq$
- $\tau_e\nu qq$
- $\tau_\mu\nu qq$
- $\tau_h\nu qq$

rescaled by:
 $\frac{(\eta, p_T \text{ \& } m_{SD}) \text{ cuts}}{(\eta, p_T) \text{ cuts}}$

Tagging efficiency

