VBF H  $\rightarrow \tau\tau$ :  $\mu\tau_{had}$  +  $e\tau_{had}$ , 8 TeV  $H \rightarrow \tau\tau$  (VBF)  $\rho = 0.189$  $Z \rightarrow \tau \tau$   $\rho = 0.370$ Fake τ<sub>bad</sub>  $\rho = 0.612$ MMC m(tt) [GeV] 150 100 50 ATLAS  $\Delta R$ (lepton,  $\tau_{had}$ )  $\Delta R$ (lepton,  $\tau_{had}$ )  $\Delta R$ (lepton,  $\tau_{had}$ ) Internal