CMS Simulation 2012, $\sqrt{s} = 8 \text{ TeV}$ 10 Fake-rate againstElectronLooseMVA4 againstElectronMediumMVA4 againstElectronTightMVA4 againstElectronVTightMVA4 10⁻¹ 10⁻² $Z \rightarrow ee$ 10⁻³ 10 20 30 40 50 60 70 80 90 100 $P_{\scriptscriptstyle T}^{\tau Jet}\,/\,GeV$