## CMS Simulation 2012, $\sqrt{s} = 8 \text{ TeV}$ 10 Fake-rate againstElectronLooseMVA4 againstElectronMediumMVA4 againstElectronTightMVA4 againstElectronVTightMVA4 10<sup>-1</sup> 10<sup>-2</sup> $Z \rightarrow ee$ 10<sup>-3</sup> 10 20 30 40 50 60 70 80 90 100 P<sup>τJet</sup> / GeV