7.3 fb⁻¹ (8 TeV) 10⁵ **CMS Jet Faking Photon Electron Faking Photon** Preliminary $\mathbf{Z} \gamma$ 10⁴ Events / 5 GeV $\textbf{W} \; \gamma \to \textbf{I} \, \nu \; \gamma$ $W \rightarrow \mu(\tau) \nu \& \gamma \gamma$ **Dark Matter** $M_{\rm X} = 70$ 10² Data 10⁻¹ Jata-Bkg/Bkg. 180 200 220 240 260 280 300 160 Transverse Mass[GeV]