7.3 fb⁻¹ (8 TeV) 10⁶ γ + Jets **CMS Jet Faking Photon** 10⁵ **Electron Faking Photon** Preliminary $\mathbf{Z} \gamma$ 10⁴ Events / 25 GeV $\boldsymbol{W} \, \boldsymbol{\gamma} \to \boldsymbol{I} \, \boldsymbol{\nu} \, \boldsymbol{\gamma}$ $W \rightarrow \mu(\tau) \nu \& \gamma \gamma$ 10³ $M_{\rm X} = 70$ Data 10² 10 10⁻¹ Data-Bkg/Bkg. -2^L 50 250 300 350 400 450 500 100 150 200 E^γ_τ [GeV]