$\sqrt{s} = 13$ TeV, 139 fb$^{-1}$

$Z(\rightarrow \mu\mu)\gamma$

**Data**

- $Z\gamma$ (Sherpa LO $\times 1.23$)
- Z+jets, Pile-up jets
- $t\bar{t}\gamma$
- Pile-up $\gamma$
- $WZ, ZZ, WW, \tau\tau\gamma$
- Total uncertainty

**Prediction**