

Events / GeV

Data/Prediction

**ATLAS** $\sqrt{s}=13\text{ TeV}, 139\text{ fb}^{-1}$  $50\text{ GeV} < p_{T,4l} < 100\text{ GeV}$ 

● Data

■  $qq \rightarrow 4l$ ■  $t\bar{t}V(V)$ 

■ Background

■  $H \rightarrow 4l$ ■  $gg \rightarrow 4l$ ■  $VVV$ x axis logarithmic for  $m_{4l} > 225\text{ GeV}$ 