

138 fb<sup>-1</sup> (13 TeV)**CMS**

Single-lepton SR

 $-0.7 \leq \cos(\theta^*) < -0.5$ 

0-t tag

—●— Data

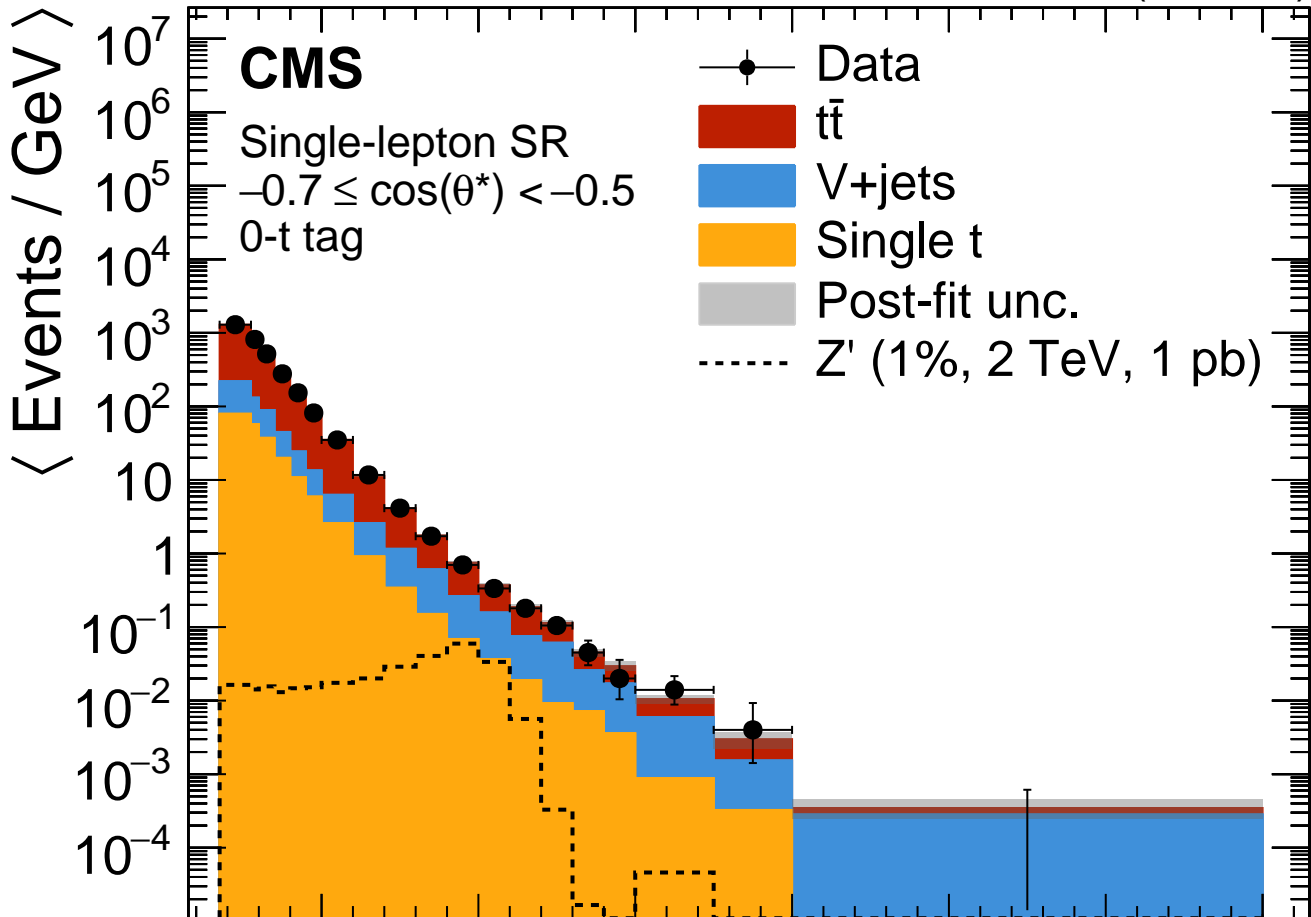
■  $t\bar{t}$ 

■ V+jets

■ Single t

■ Post-fit unc.

- - - Z' (1%, 2 TeV, 1 pb)



Data-Pred.

 $\sigma$ 

Background only

 $m_{t\bar{t}}$  [GeV]