

**CMS****35.9 fb<sup>-1</sup> (13 TeV)****Events****Single electron** $\geq 5j/\geq 2b$ 

• Data

t, tW, t $\bar{t}$ +Vt $\bar{t}$ +c(c)..... H $^{\pm}$  1 TeV ( $\sigma_{H^{\pm}} \times B = 10$  pb)Bkg. stat.  $\oplus$  syst.

V+jets, VV

t $\bar{t}$ +b(b)t $\bar{t}$ +LF