

**CMS** $138 \text{ fb}^{-1} (13 \text{ TeV})$ 

Events / 55 GeV

 $e\mu$   
SR

• Data

 $t(\bar{t})+X(X)$ Stat.  $\oplus$  syst.

VV(V)

 $t\bar{t}$ 

WZ

DY

— ST\_vector\_emutu ( $\mu_{e\mu t u}^{\text{vector}} = 0.05$ )- - - TT\_vector\_emutu ( $\mu_{e\mu t u}^{\text{vector}} = 3$ )

500

400

300

200

100

0

Data  
Pred.

1.5

1.0

0.5

100

200

300

400

500

600

 $m(\text{top}) \text{ (GeV)}$ 