

35.9 fb⁻¹ (13 TeV)**CMS**
*Preliminary*95% CL upper limits $M_T = 1.2$ TeV
 $B(T \rightarrow Wb_s, Ht, Zt) = 50\%, 25\%, 25\%$ $G \rightarrow tT,$
 $\tan \theta = 0.44, \sin \Phi_{tR} = 0.6, Y_{t^*} = 3$

- - - - - Expected

68% expected

95% expected

— Observed

 $\sigma(pp \rightarrow Z \rightarrow tT) \times B$ [pb]10³
10²
10
1
10⁻¹
10⁻²

1500

2000

2500

 $M_{Z'}$ [GeV]