

137 fb<sup>-1</sup> (13 TeV)

**CMS**

3L( $\mu\mu$ ), 0B

400 < S<sub>T</sub> < 800 GeV

$g_t^2 B(\phi \rightarrow \mu\mu) = 0.05$

• Data

WZ

Conversion

Rare

- - -  $t\bar{t}\phi_S(300)$

MisID

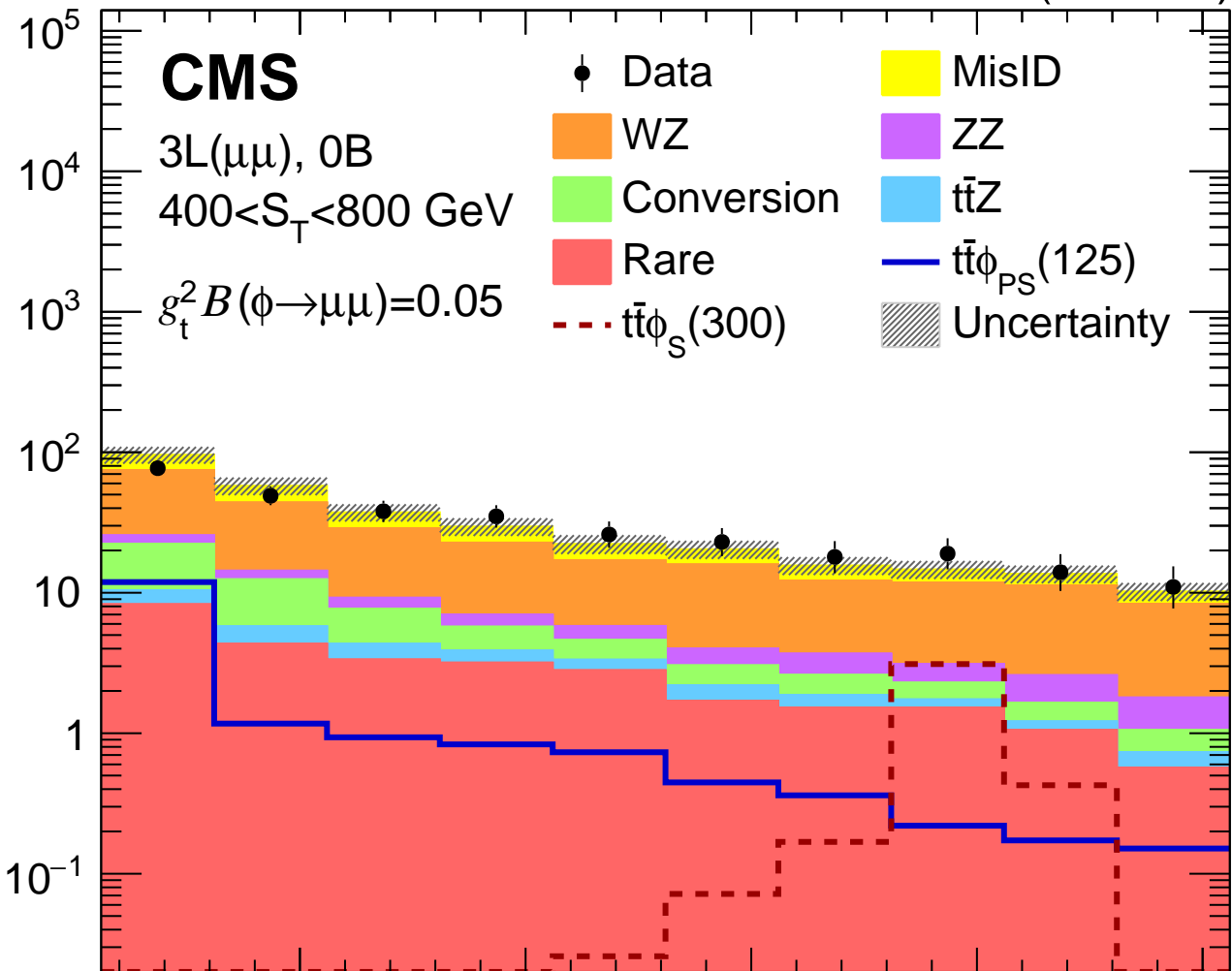
ZZ

$t\bar{t}Z$

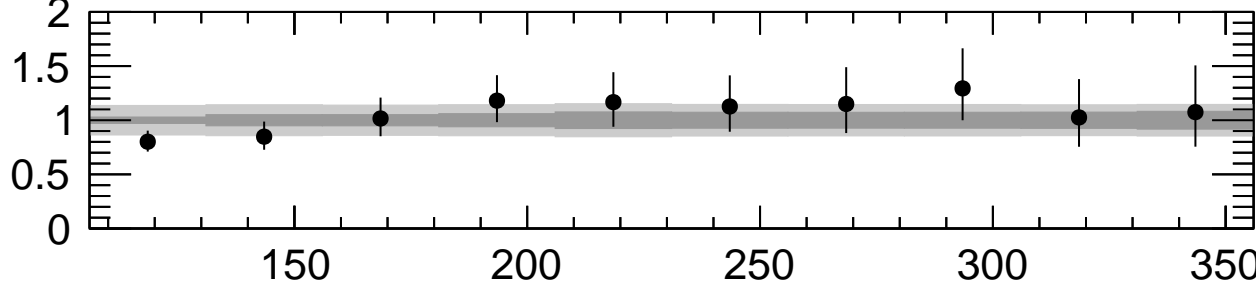
$t\bar{t}\phi_{PS}(125)$

Uncertainty

Events / 25 GeV



Obs/Exp



Dimuon  $M_{\text{OSSF}}^{300}$  (GeV)