

Events / GeV

138 fb^{-1} (13 TeV)

CMS

Simulation
Preliminary

SR_{t̄Z}

t̄Z (SM)

μ_R / μ_F uncertainties

- $t\bar{t}Z (c_{\varphi q}^{(-)(11+22)} = 1)$
- $t\bar{t}Z (c_{\varphi q}^{(3)(11+22)} = 0.1)$
- $t\bar{t}Z (c_{\varphi u}^{(11+22)} = 1)$
- $t\bar{t}Z (c_{\varphi d}^{(11+22)} = 1)$
- $t\bar{t}Z (c_{\varphi q}^{(-)(33)} = 1)$
- $t\bar{t}Z (c_{\varphi q}^{(3)(33)} = 1)$
- $t\bar{t}Z (c_{\varphi u}^{(33)} = 1)$
- $t\bar{t}Z (c_{\varphi d}^{(33)} = 1)$
- $t\bar{t}Z (c_w = 0.1)$
- $t\bar{t}Z (c_{\tilde{w}} = 0.1)$

Ratio
to SM

200

400

600

800

1000

Z boson candidate p_T [GeV]