

$\Delta\sigma/\sigma_{\text{SM}}$

-0.1 -0.05 0 0.05 0.1

ttZ: NLO gen.
fakes CR stat bin 4
fakes CR stat bin 2
fakes CR stat FSF
fakes CR stat bin 3
fakes CR stat bin 0
jet flav. composit.
pileup reweighting
fakes CR stat bin 1
muon scale

ATLAS
Preliminary

Projection from Run 2 data

ttH, H→ML (without τ)
 $\sqrt{s} = 14 \text{ TeV}, 3000 \text{ fb}^{-1}$

- Pull
- Normalisation
- 1 standard deviation
- Yellow shaded area Prefit Impact on σ
- Blue hatched area Postfit Impact on σ

-3 -2 -1 0 1 2 3

$(\hat{\theta} - \theta_0)/\Delta\theta$