

Events / 20 GeV

**ATLAS** Internal

$\mathcal{L} = 36.1 \text{ fb}^{-1}$ ,  $\sqrt{s} = 13 \text{ TeV}$

ttbar Control Region (HP)

VBF region

e channel

—●— Data (2015+2016)

■ w+jets

■ ttbar

■ single-top

■ dibosons

■ z+jets

▨ SM total ( $\sigma_{\text{stat}}^{\text{MC}}$  only)

$10^4$

$10^3$

$10^2$

10

1

Data / MC

1.5

0.5

0 50 100 150 200 250 300 350 400

$m(W \rightarrow \ell \nu)$  [GeV]

