

Events / 0.2

**ATLAS** Internal

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

ttbar Control Region (HP)

VBF region

e channel

—●— Data (2015+2016)

■ w+jets

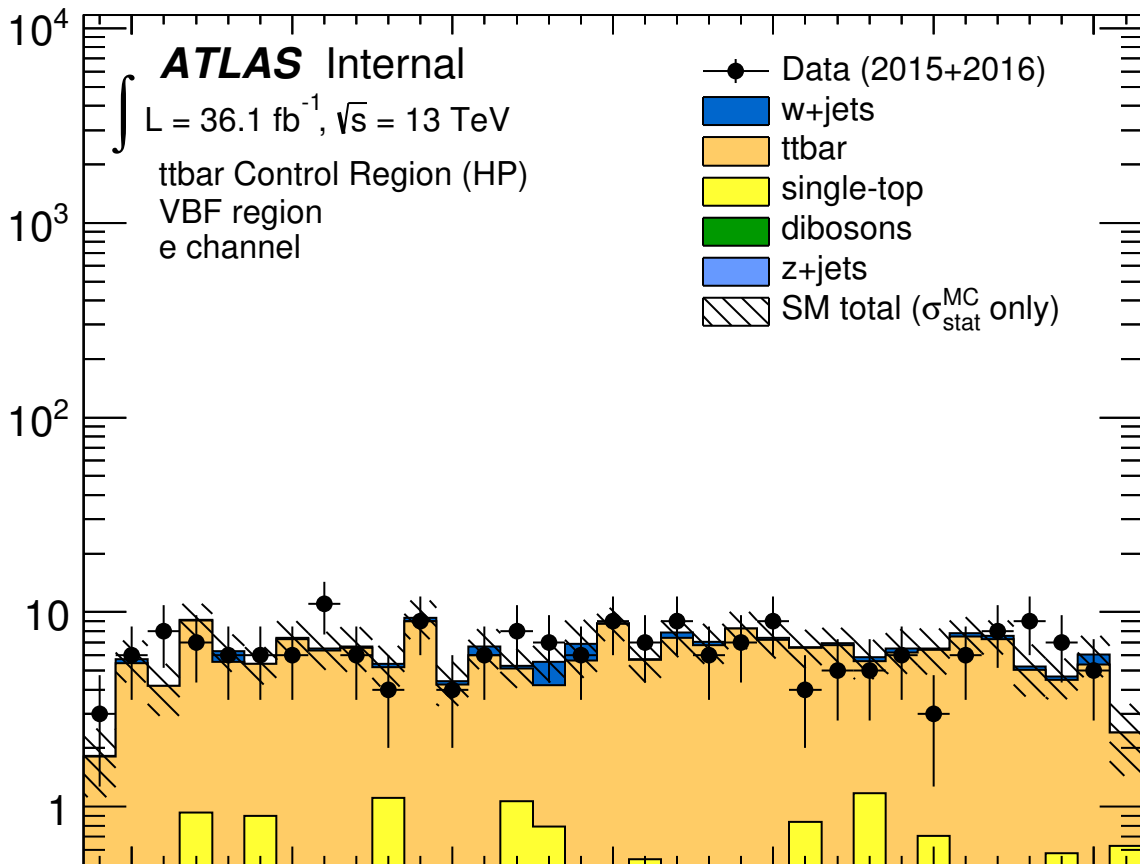
■ ttbar

■ single-top

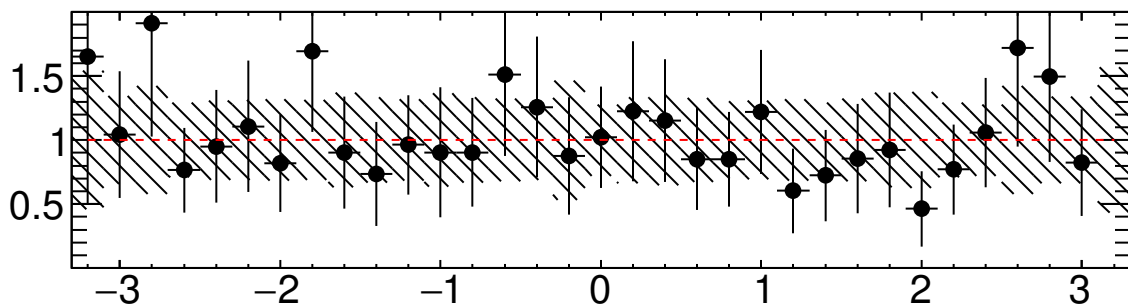
■ dibosons

■ z+jets

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



Data / MC



$\phi(J)$