

Events / 50 GeV

ATLAS $\sqrt{s} = 13 \text{ TeV}, 3.2 \text{ fb}^{-1}$ $W(\rightarrow e\nu) \text{ Control Region}$ $p_{\text{T}} > 250 \text{ GeV}, E_{\text{T}}^{\text{miss}} > 250 \text{ GeV}$

● Data 2015



Standard Model

 $Z(\rightarrow \nu\nu) + \text{jets}$  $W(\rightarrow \tau\nu) + \text{jets}$  $W(\rightarrow \mu\nu) + \text{jets}$  $W(\rightarrow e\nu) + \text{jets}$  $Z(\rightarrow ll) + \text{jets}$ 

Dibosons

 $t\bar{t} + \text{single top}$ 10^5 10^4 10^3 10^2 10^1 10^0 10^{-1}

Data / SM

1.5

1

0.5

400

600

800

1000

1200

1400

Leading jet p_{T} [GeV]