

ZTag2: 35.9 fb<sup>-1</sup> (13 TeV)

$\mu + \text{jets}$

$M_{l^*} = 250 \text{ GeV}$

Events

$\frac{\text{Data}}{\text{Bkg}}$

● Data

■  $t\bar{t} + \text{jets}$

■ DY

■ VV

■ W + jets

--- Signal

( $m_{l^*} = 250 \text{ GeV}$ )

10

1

1.4

1.2

1.0

0.8

0.6

200 400 600 800 1000 1200 1400 1600 1800 2000

A\_mIZ\_max\_sig\_ZTag1\_3500

