

Events / (100 GeV)

CMS*Preliminary***2e, b tag, no VBF**10²

10

1

10⁻¹

• Data

Z(l \bar{l})+jets $t\bar{t}$, t+X

VV, Vh

Bkg. unc.

- - - Alt. func.

— $m_{Z'} = 2000$ GeVHVT model B $g_V=3$

4

2

0

-2

-4

 $\chi^2/\text{ndf} = 3.9/9$ p-value = 0.91 m_{Z_H} (GeV)