

$e\tau_h$, high SVFIT mass

41.5 fb⁻¹ (2017, 13 TeV)

$dN_{\text{events}}/d\phi$

60000

40000

20000

$\mu \rightarrow \tau$ embedded

$t\bar{t}$ (jet $\rightarrow \tau_h$)

Diboson (jet $\rightarrow \tau_h$)

Bkg. stat. unc.

Observed

$Z \rightarrow l\bar{l}$

$t\bar{t}$

Diboson

$10 \times gg \rightarrow H$

$Z \rightarrow l\bar{l}$ (jet $\rightarrow \tau_h$)

W+jets

QCD multijet

$10 \times qq \rightarrow H$

1.4

1.2

0.8

Observed $10 \times ggH+bkg.$ $10 \times qqH+bkg.$ Bkg. stat. unc.

-2

0

2

jphi_r

