

$e\tau_h, \text{B-tag Loose-}m_T$ 59.7 fb<sup>-1</sup> (2018, 13 TeV) $dN/dm_T^{\text{tot}} [1/\text{GeV}]$ 

- $\mu \rightarrow \tau$  embedded
- Jet  $\rightarrow \tau_h$
- Z  $\rightarrow \ell\ell$
- $t\bar{t}$
- Diboson
- Bkg. unc.
- Data
- ggH 400 GeV
- bbH 400 GeV

150

100

50

0

1.3

1.2

1.1

1.0

0.9

0.8

0.7

60

100

200

1000

2000

 $m_T^{\text{tot}} (\text{Puppi}) [\text{GeV}]$ 