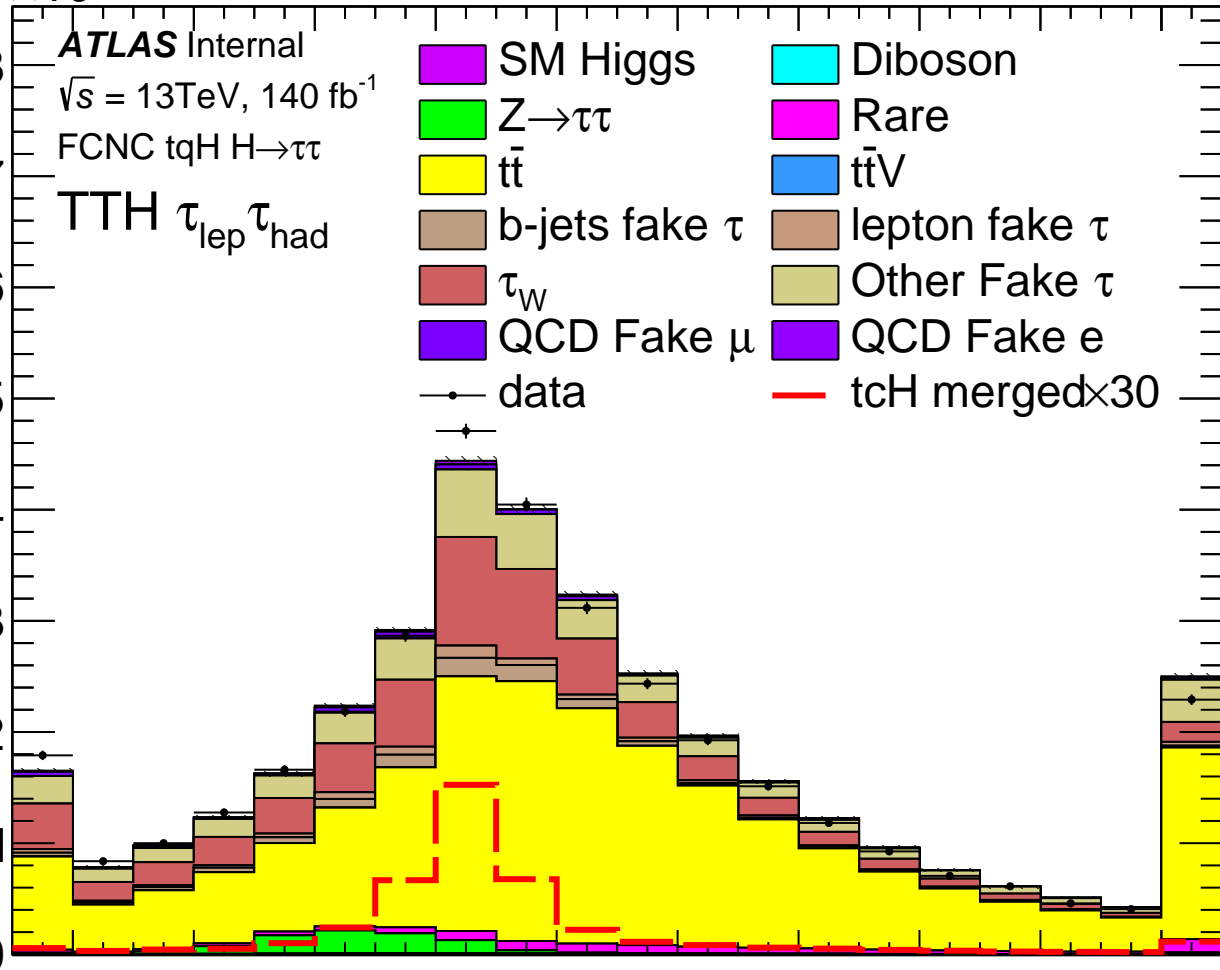
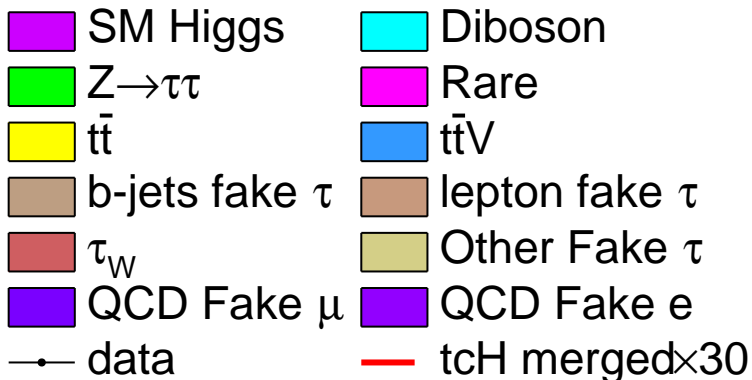


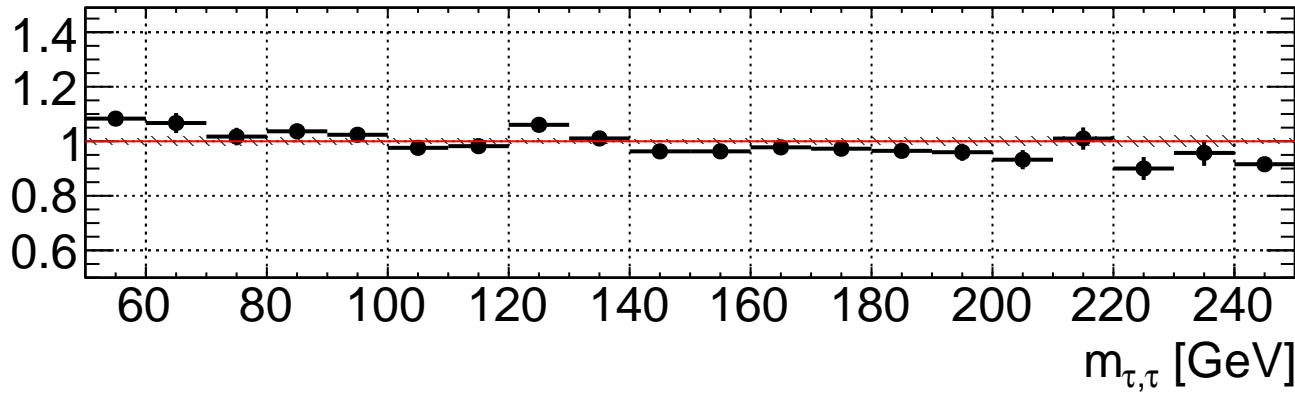
Events / 10.00 GeV

$\times 10^3$

**ATLAS** Internal  
 $\sqrt{s} = 13\text{TeV}, 140\text{fb}^{-1}$   
 FCNC tqH  $H \rightarrow \tau\tau$   
 TTH  $\tau_{\text{lep}}\tau_{\text{had}}$



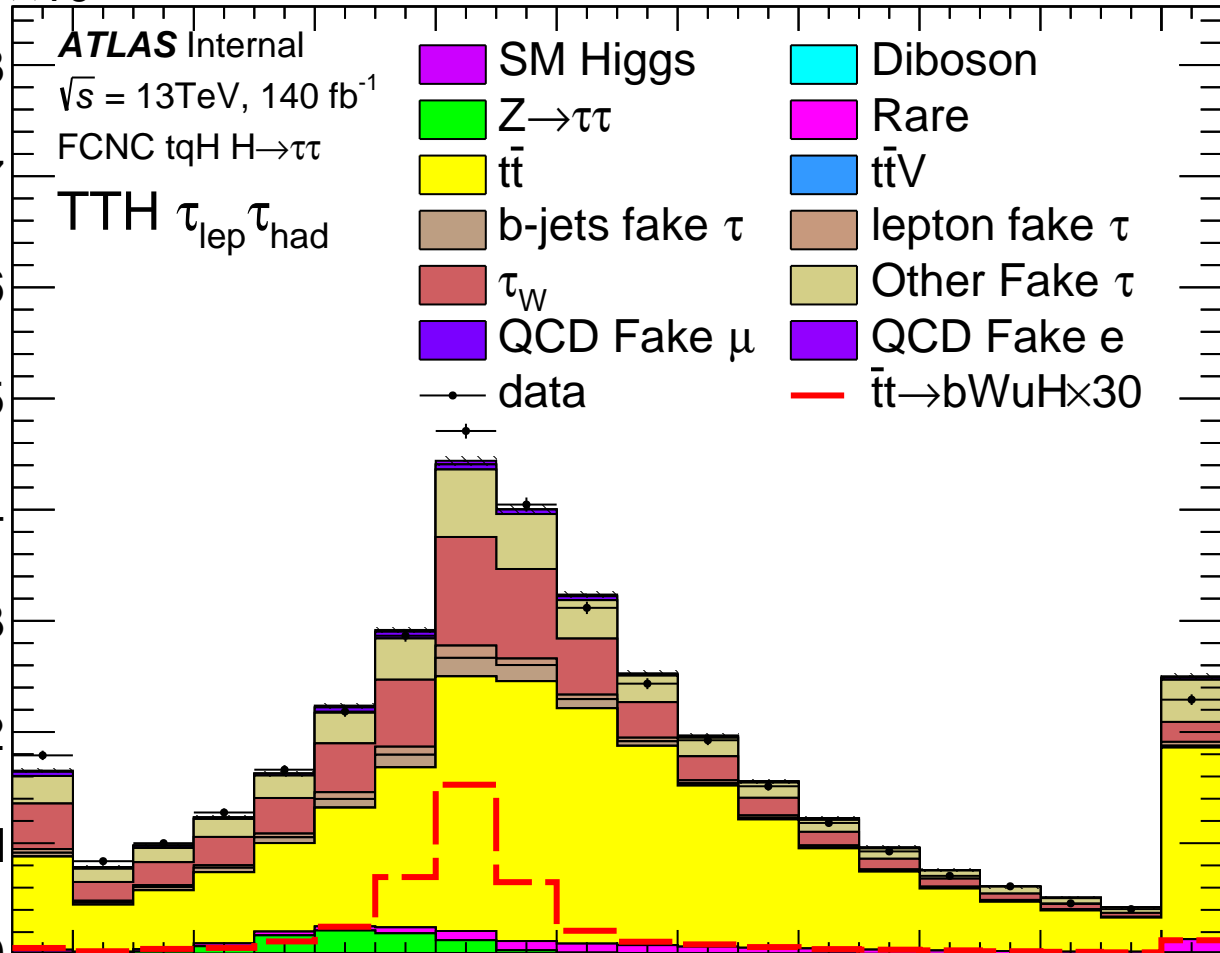
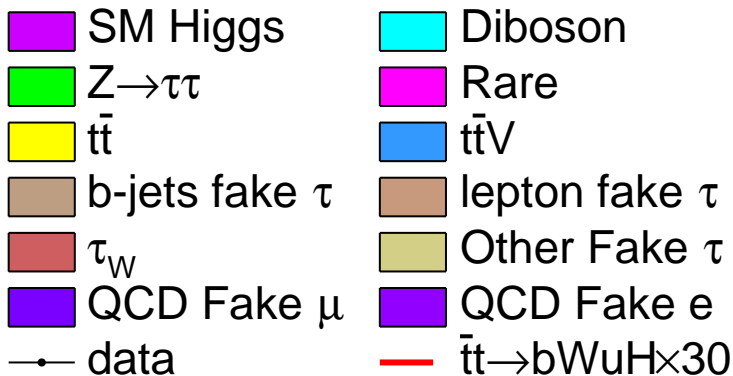
Data/Bkg



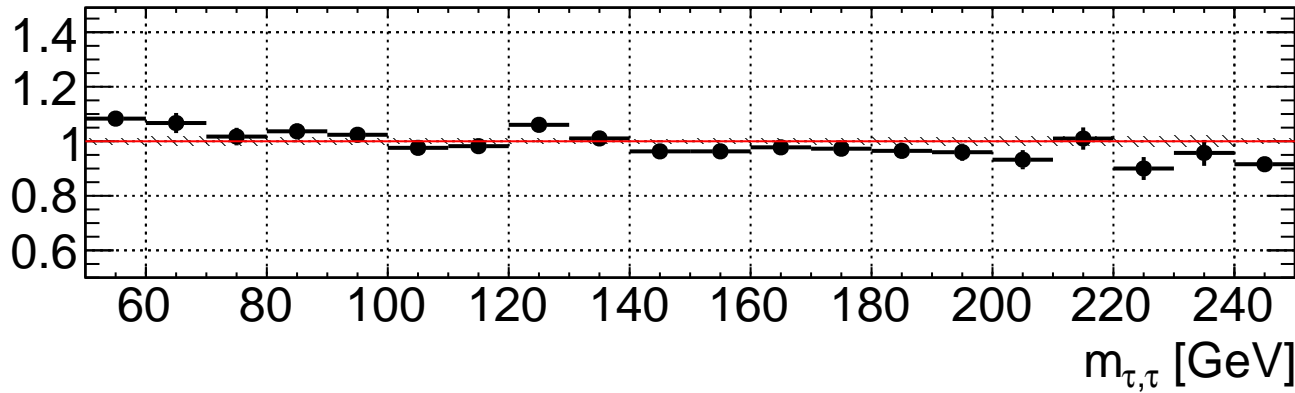
Events / 10.00 GeV

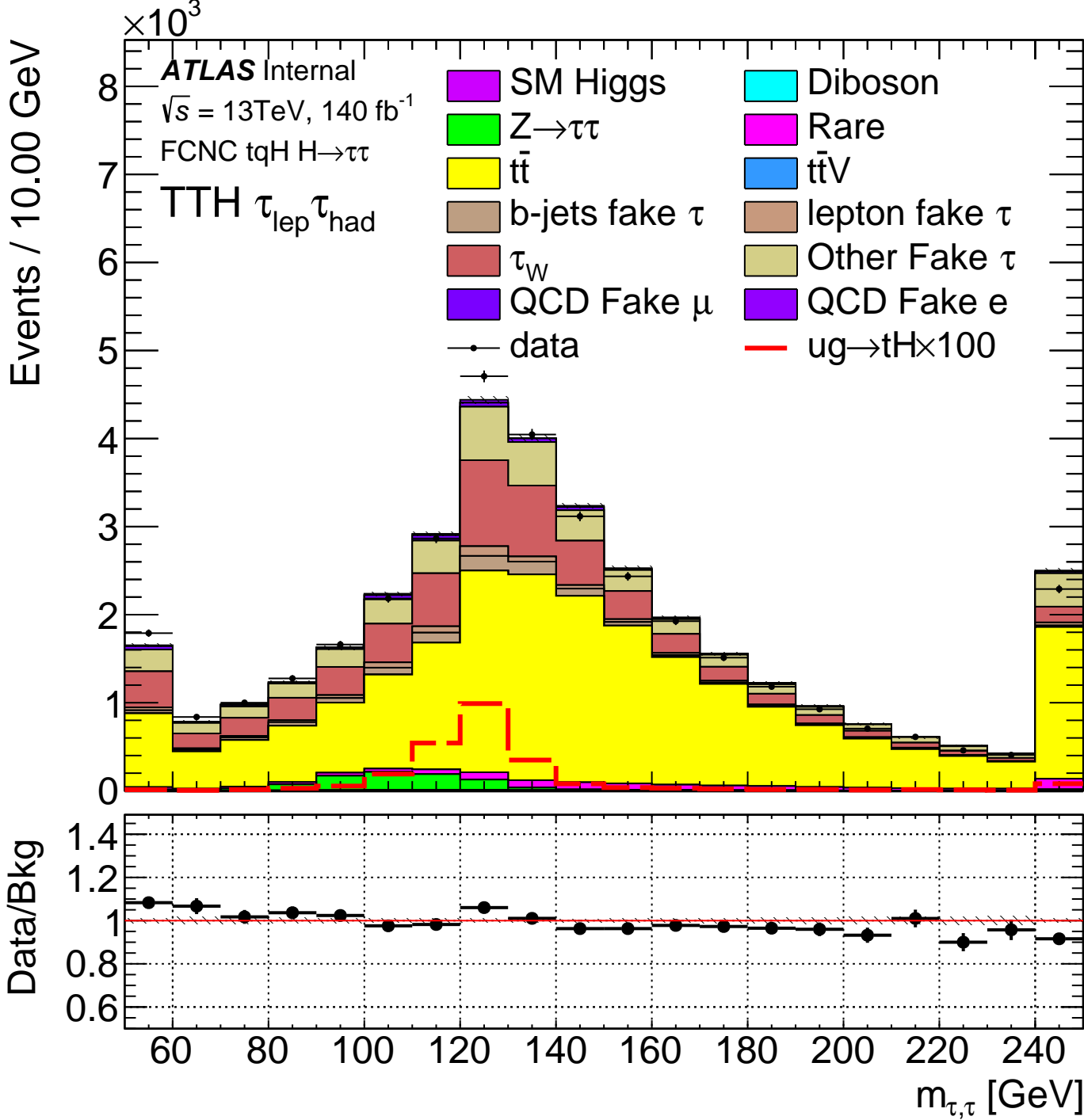
$\times 10^3$

**ATLAS** Internal  
 $\sqrt{s} = 13\text{TeV}, 140\text{fb}^{-1}$   
 FCNC tqH  $H \rightarrow \tau\tau$   
 TTH  $\tau_{\text{lep}}\tau_{\text{had}}$



Data/Bkg

















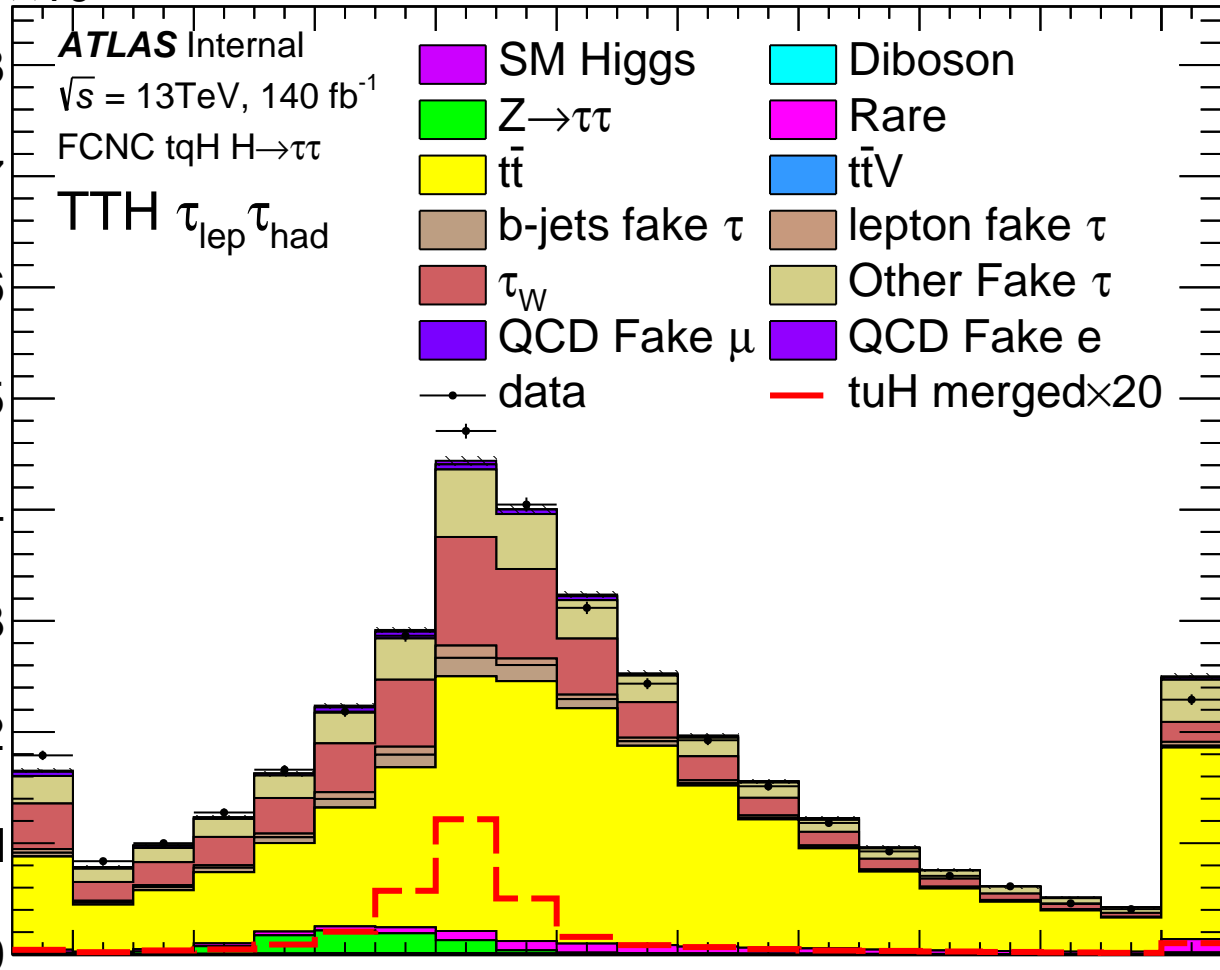


Events / 10.00 GeV

$\times 10^3$

**ATLAS** Internal  
 $\sqrt{s} = 13\text{TeV}, 140\text{fb}^{-1}$   
 FCNC tqH  $H \rightarrow \tau\tau$   
 TTH  $\tau_{\text{lep}}\tau_{\text{had}}$

- |  |   |
|--|---|
|  SM Higgs                  |  Diboson                 |
|  $Z \rightarrow \tau\tau$ |  Rare                   |
|  $t\bar{t}$               |  $t\bar{t}V$            |
|  b-jets fake $\tau$       |  lepton fake $\tau$     |
|  $\tau_W$                 |  Other Fake $\tau$      |
|  QCD Fake $\mu$           |  QCD Fake $e$           |
|  data                     |  tuH merged $\times 20$ |



Data/Bkg

