

Events / 0.25

**ATLAS** Internal  
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$   
FCNC  $t\bar{q}H \rightarrow \tau\tau$

 $t_l \tau_{\text{had}}^{-1} j$ 

Other MC

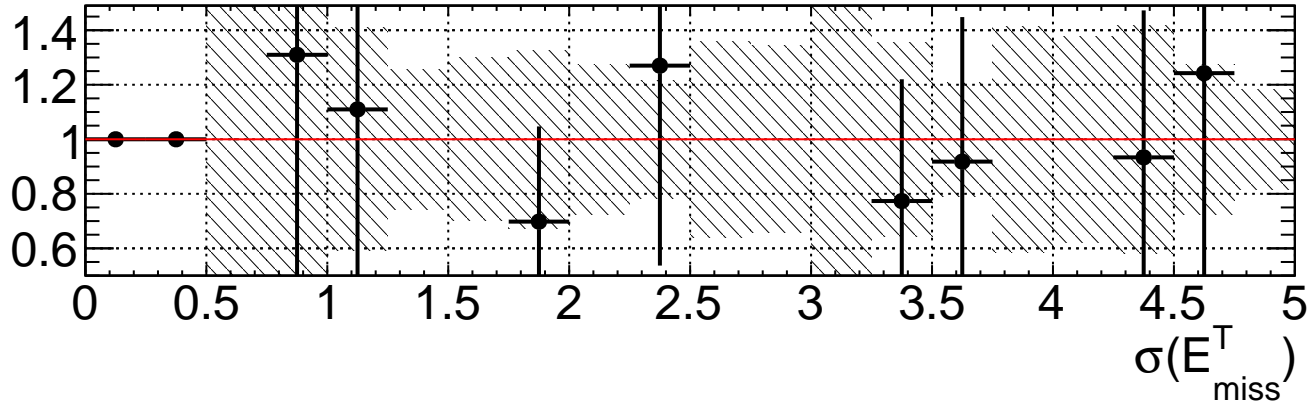
b-jets fake  $\tau$  $\tau_W$ 

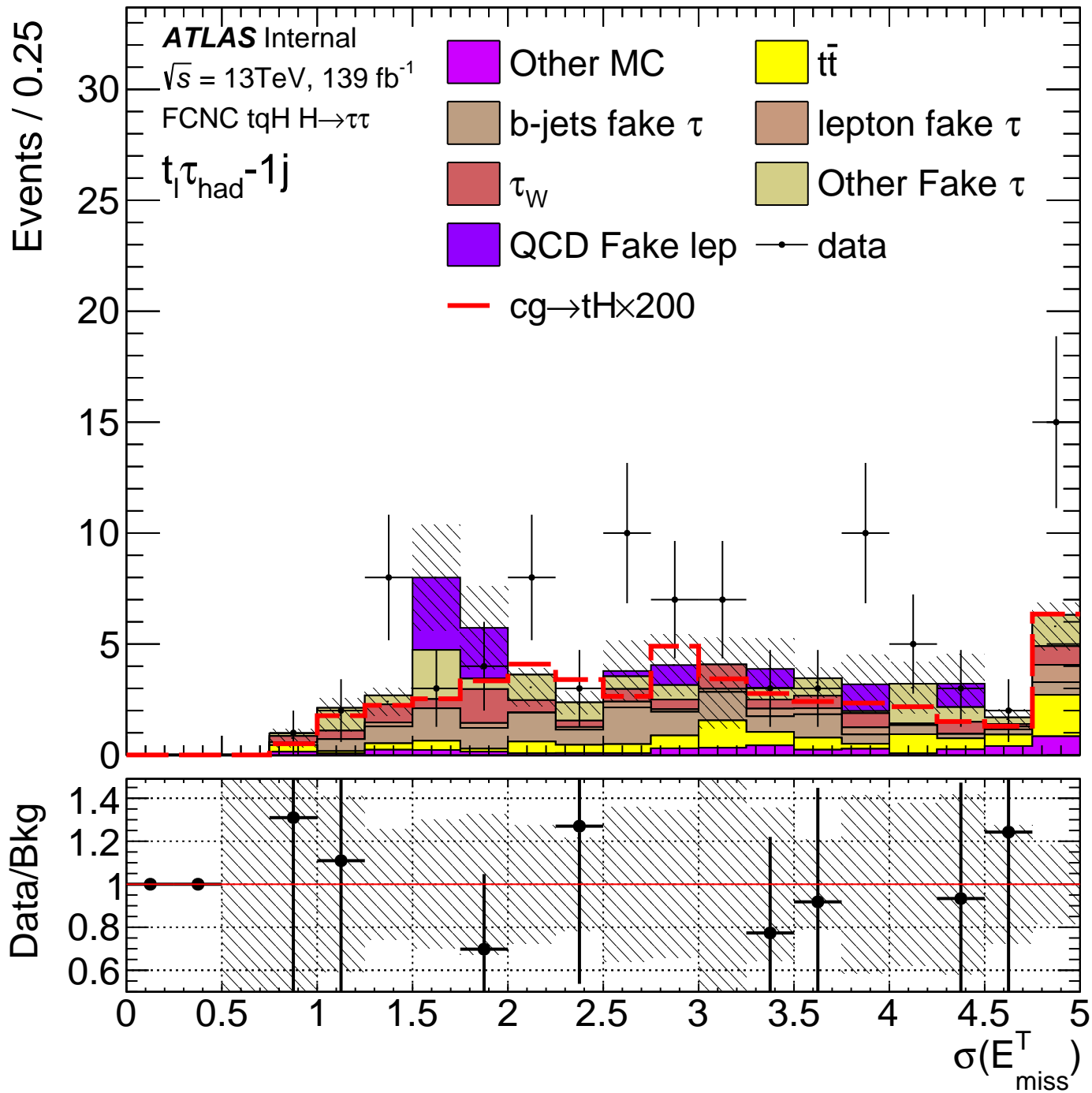
QCD Fake lep

 $\bar{t}\bar{t} \rightarrow bWcH \times 10$  $t\bar{t}$ lepton fake  $\tau$ Other Fake  $\tau$ 

data

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Other MC

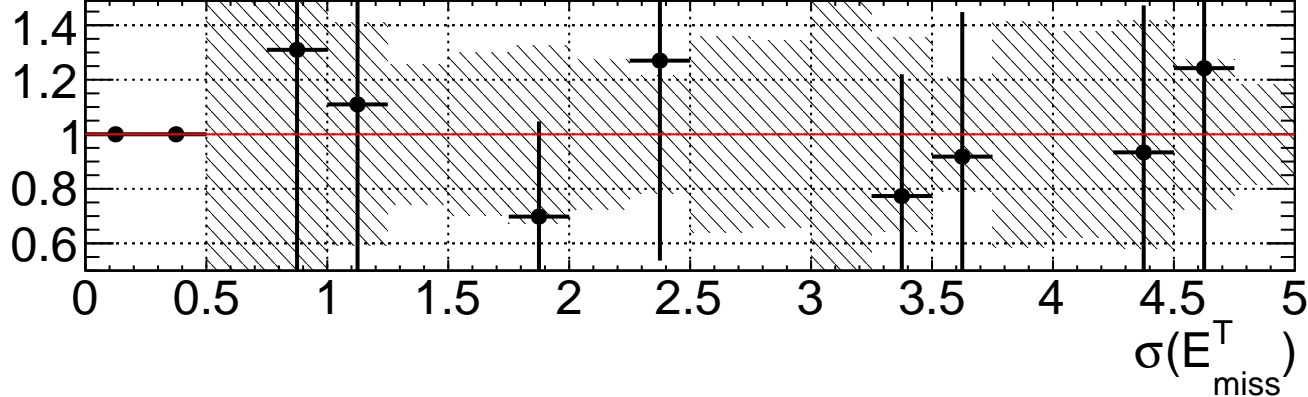
b-jets fake  $\tau$  $\tau_W$ 

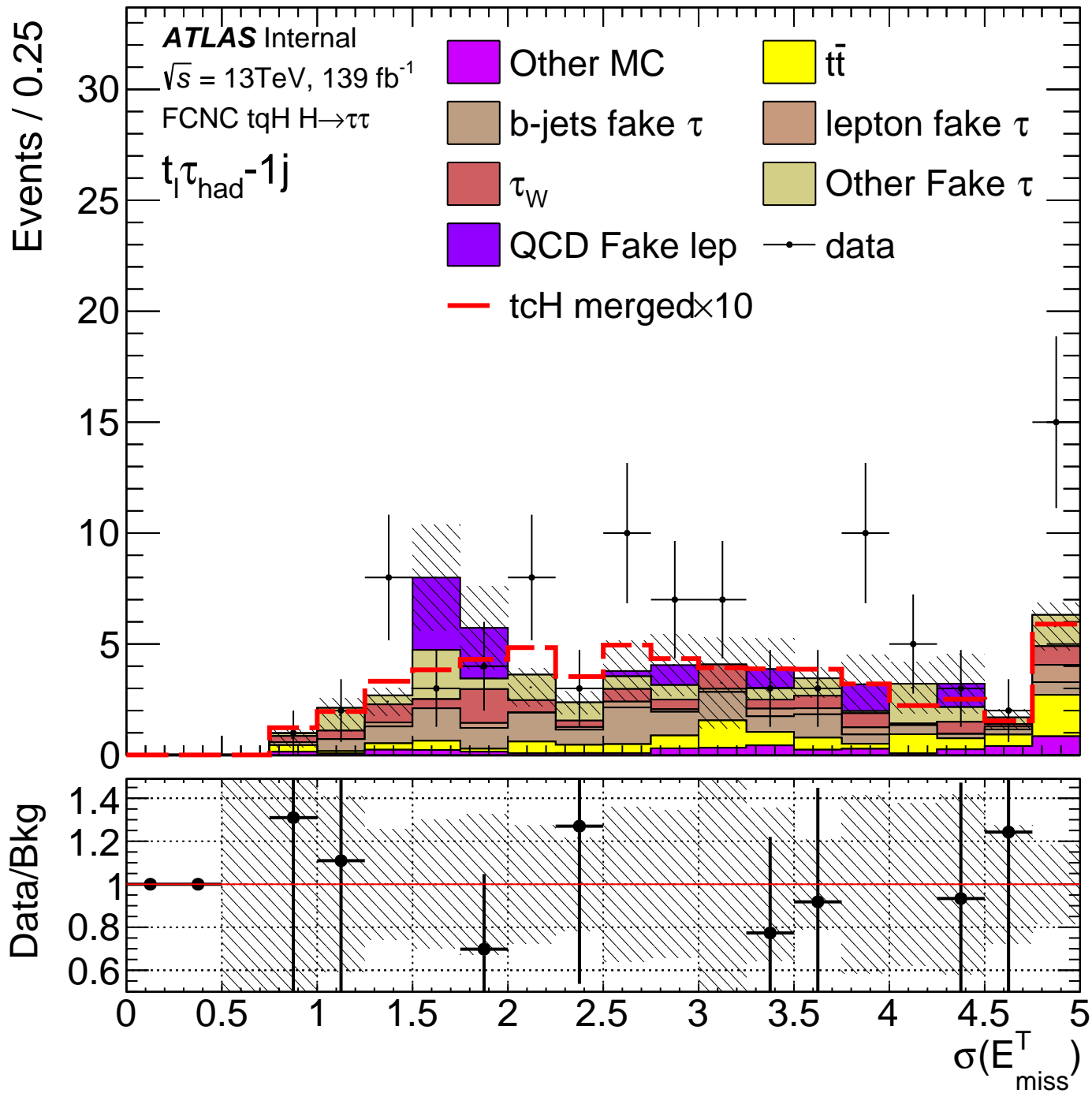
QCD Fake lep

 $u\bar{g} \rightarrow t\bar{t}H \times 60$  $t\bar{t}$ lepton fake  $\tau$ Other Fake  $\tau$ 

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Other MC

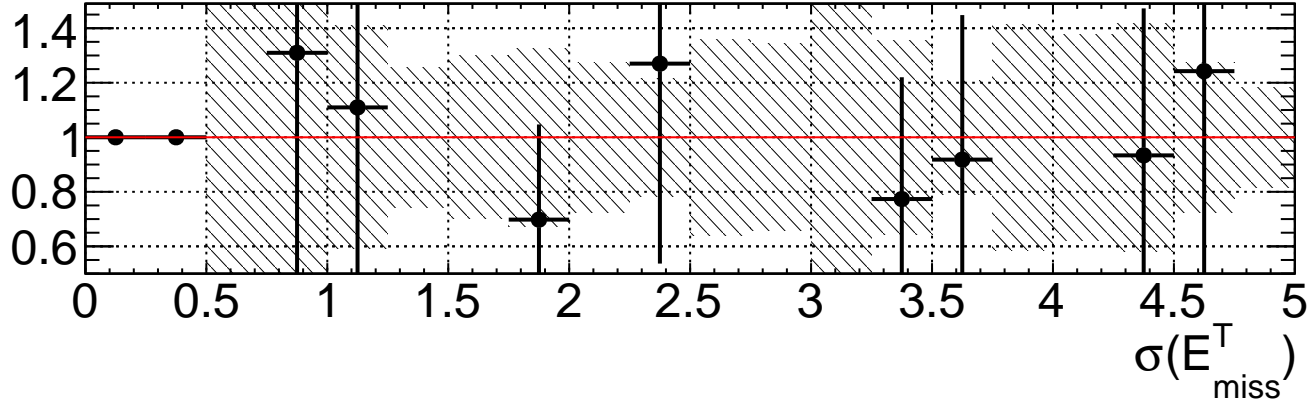
b-jets fake  $\tau$  $\tau_W$ 

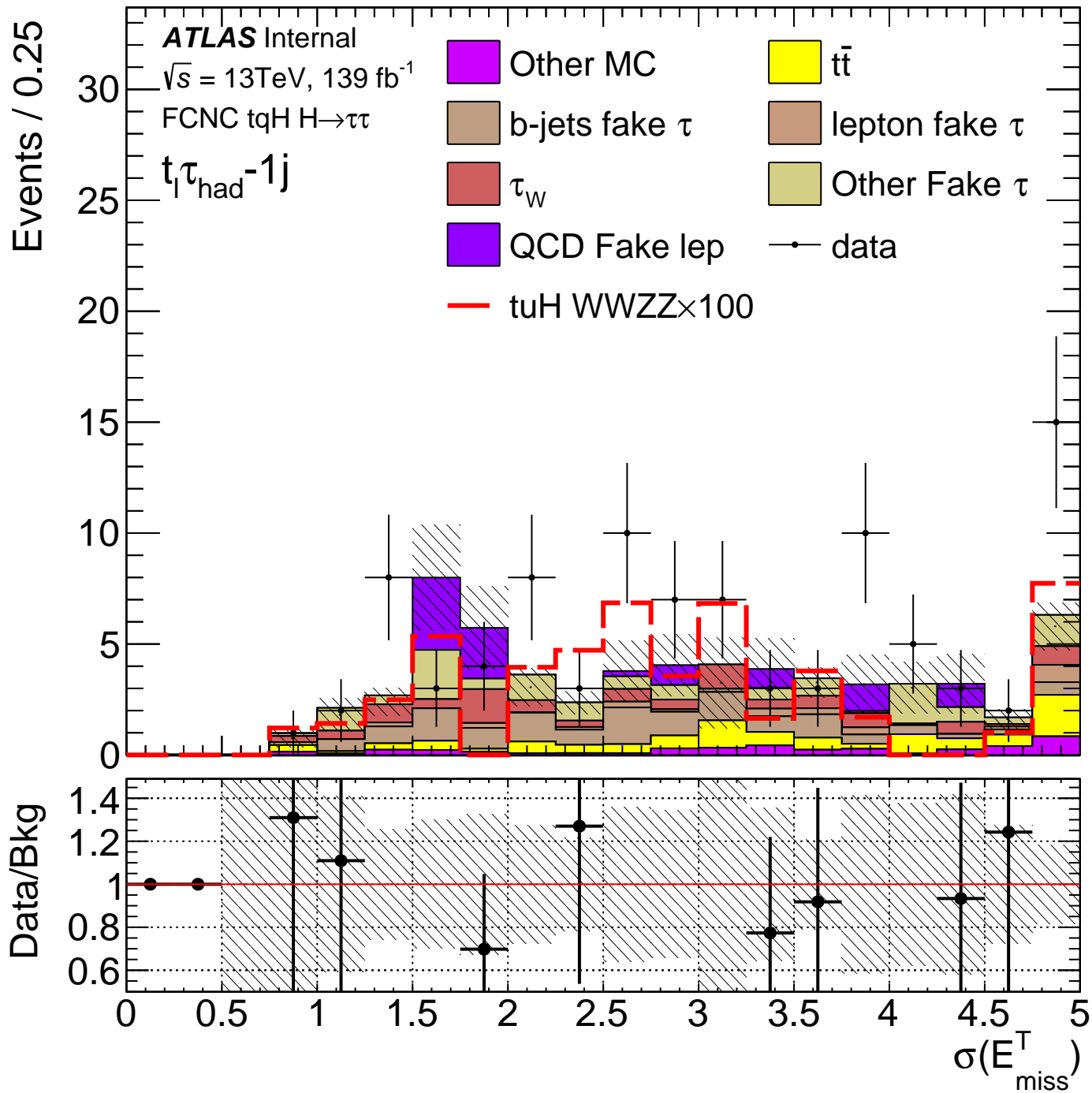
QCD Fake lep

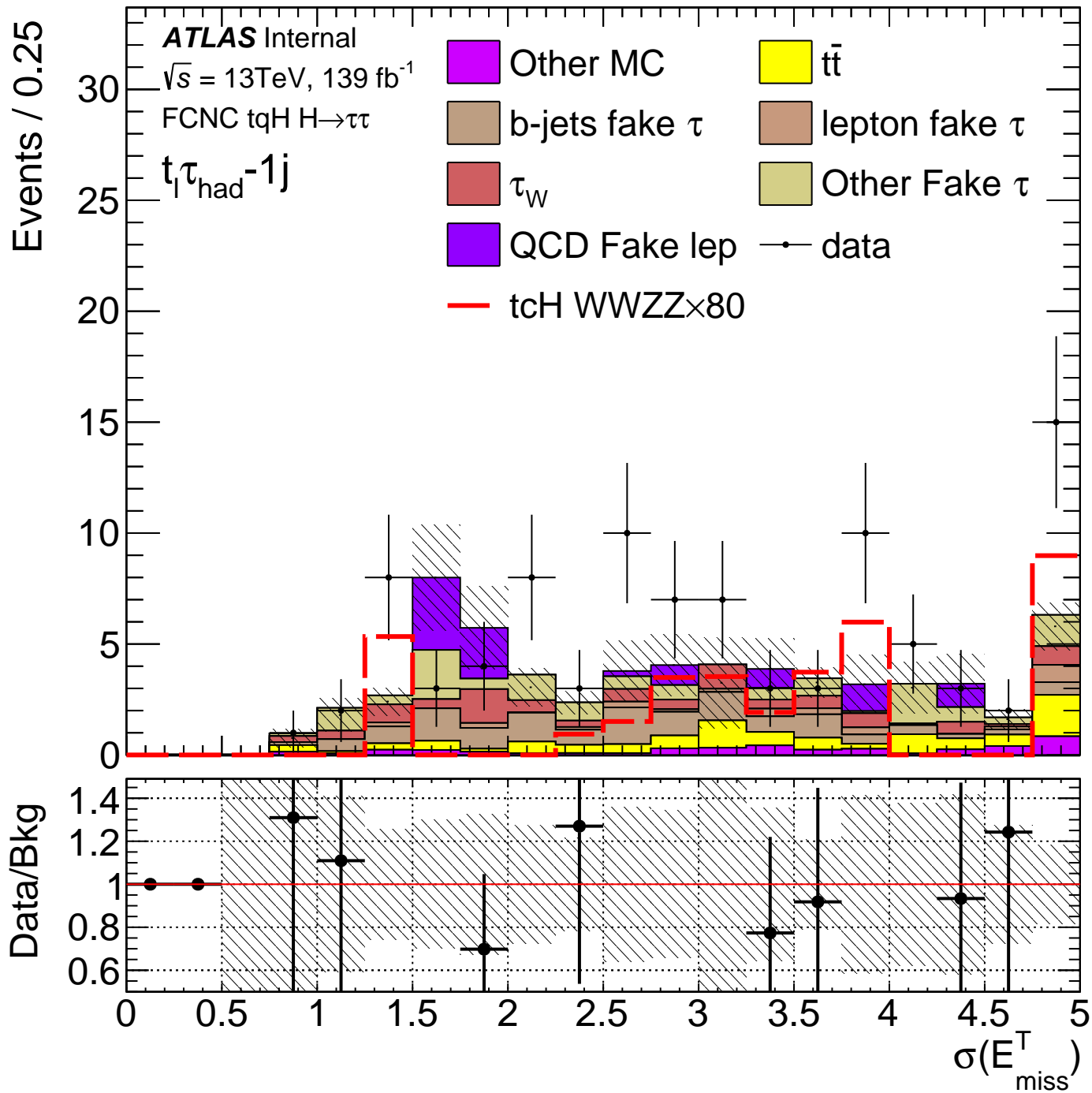
 $\bar{t}\bar{t} \rightarrow bWuH \times 10$  $t\bar{t}$ lepton fake  $\tau$ Other Fake  $\tau$ 

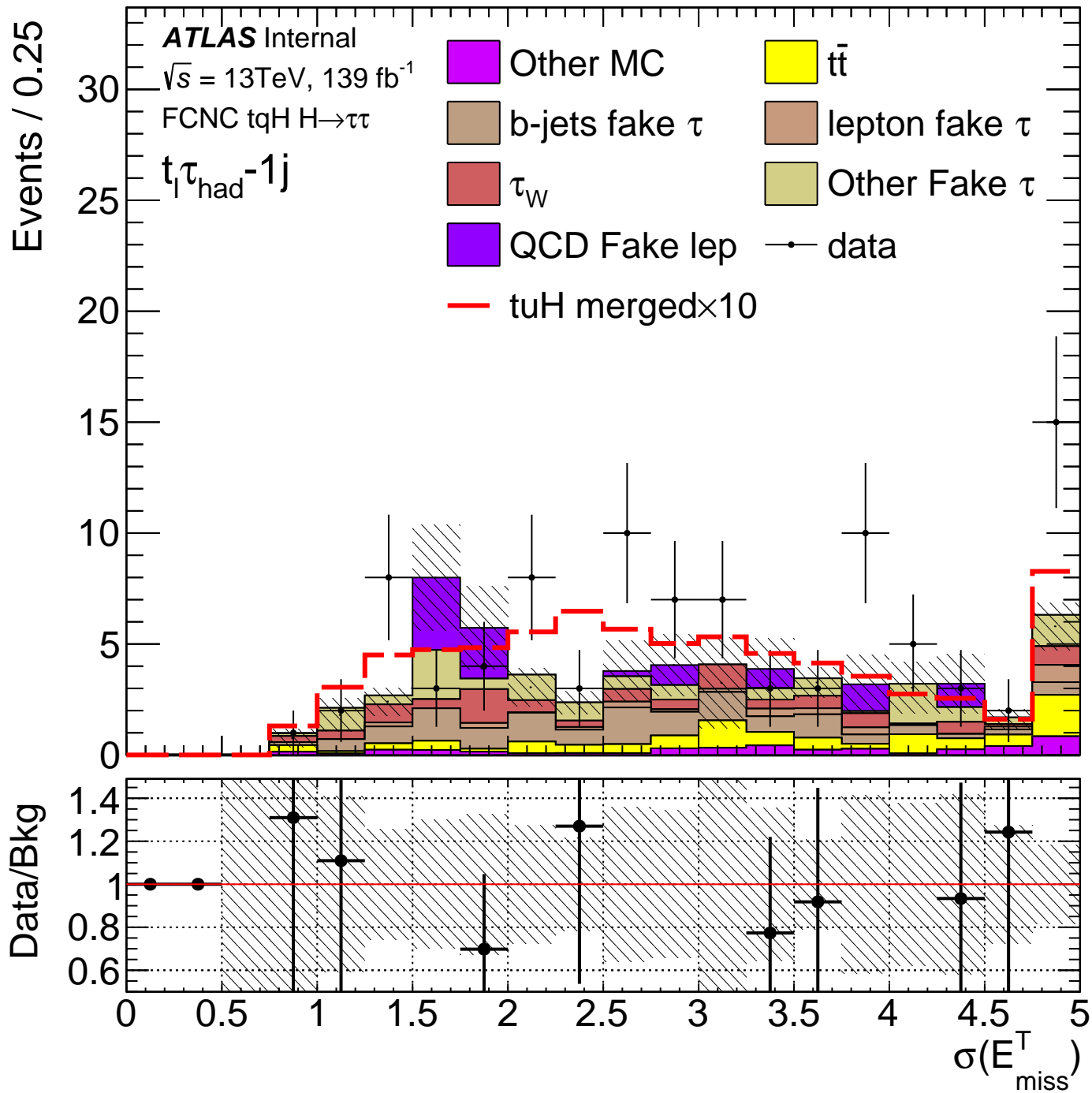
—•— data

Data/Bkg





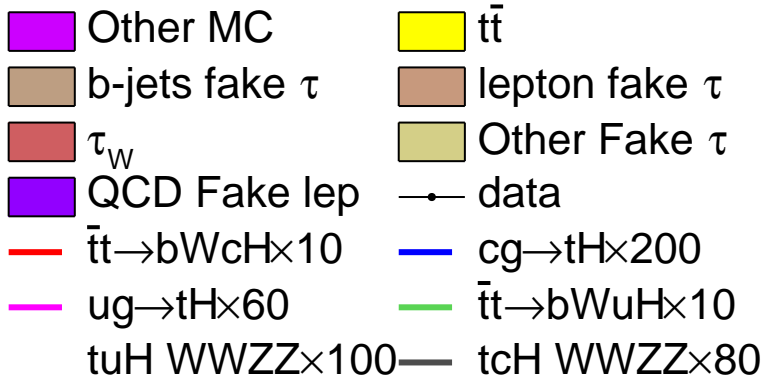






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Data/Bkg

