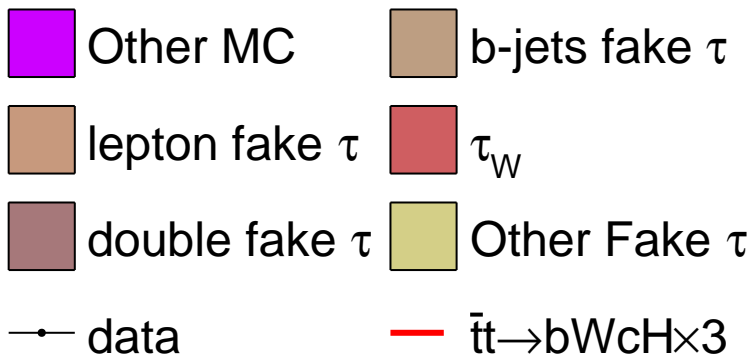
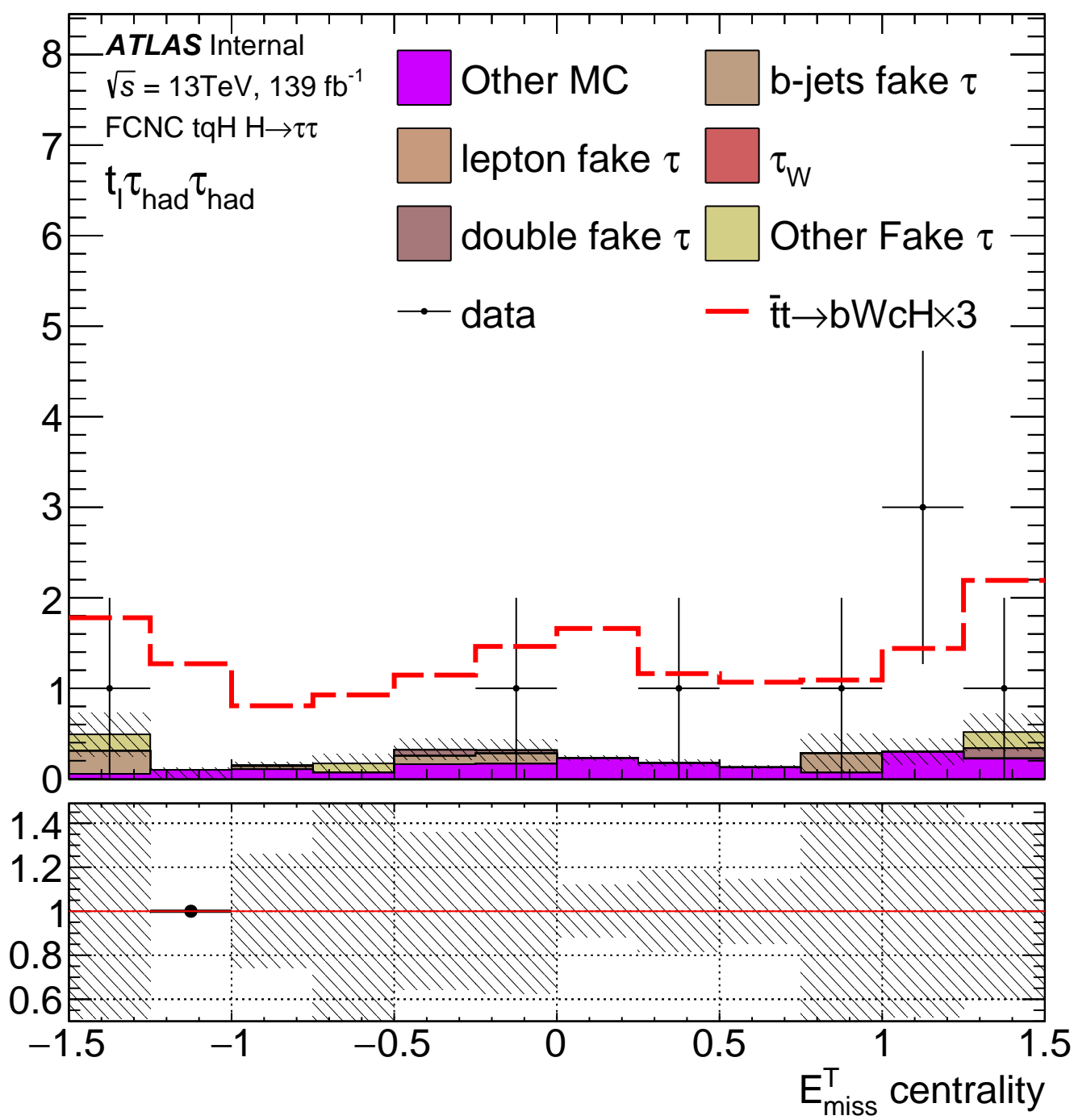


Events / 0.25

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



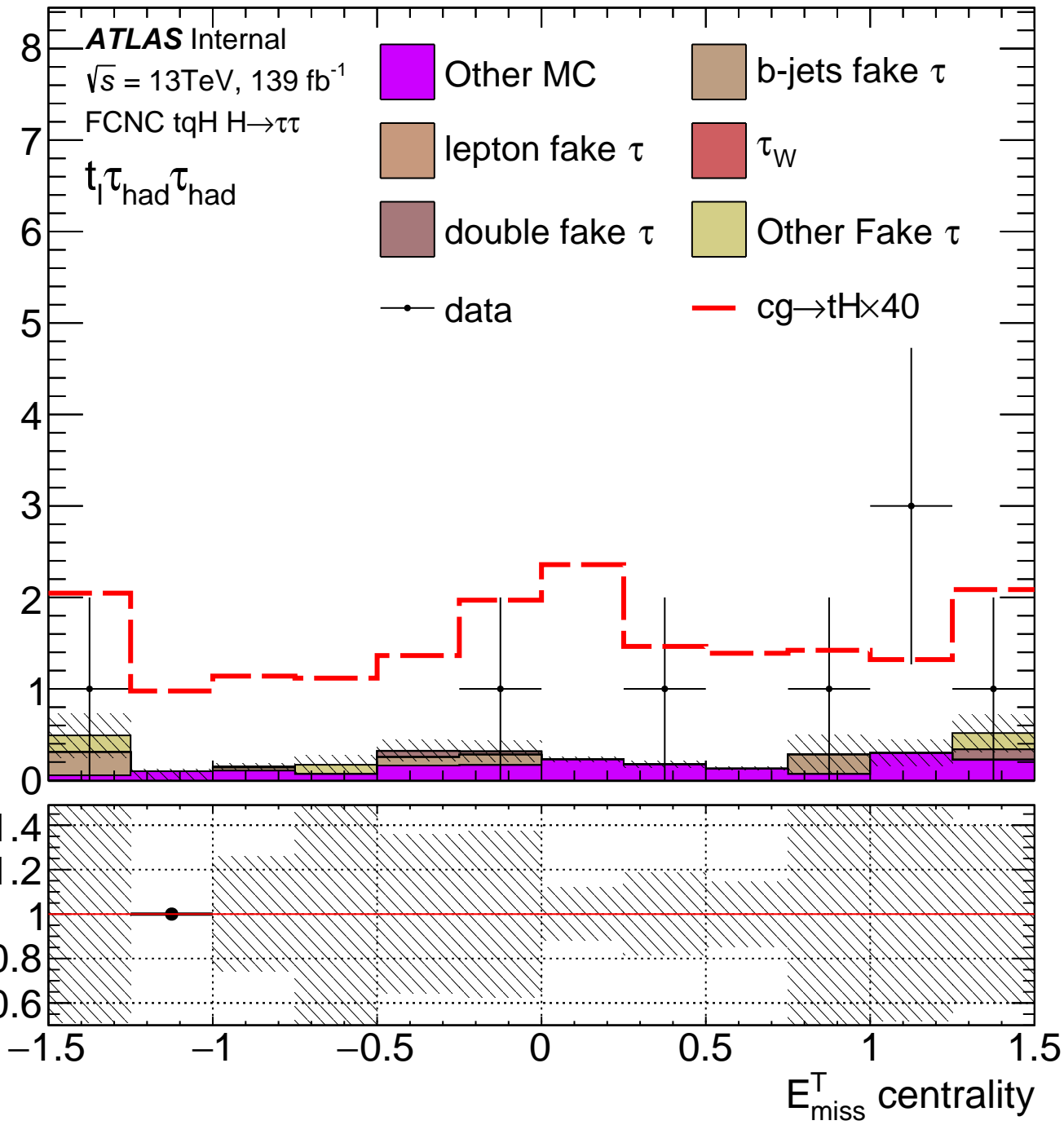
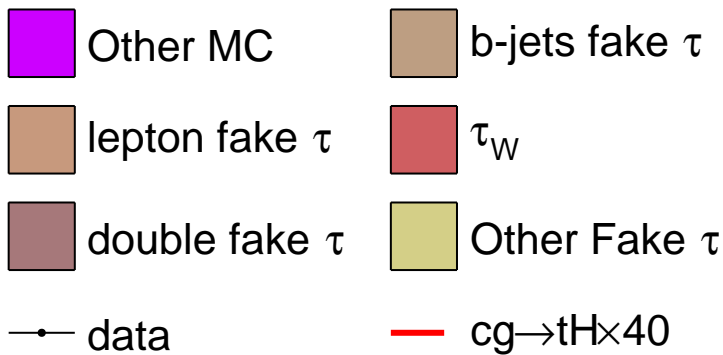
Data/Bkg



Events / 0.25

Data/Bkg

ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$
 $t_l \tau_{\text{had}} \tau_{\text{had}}$

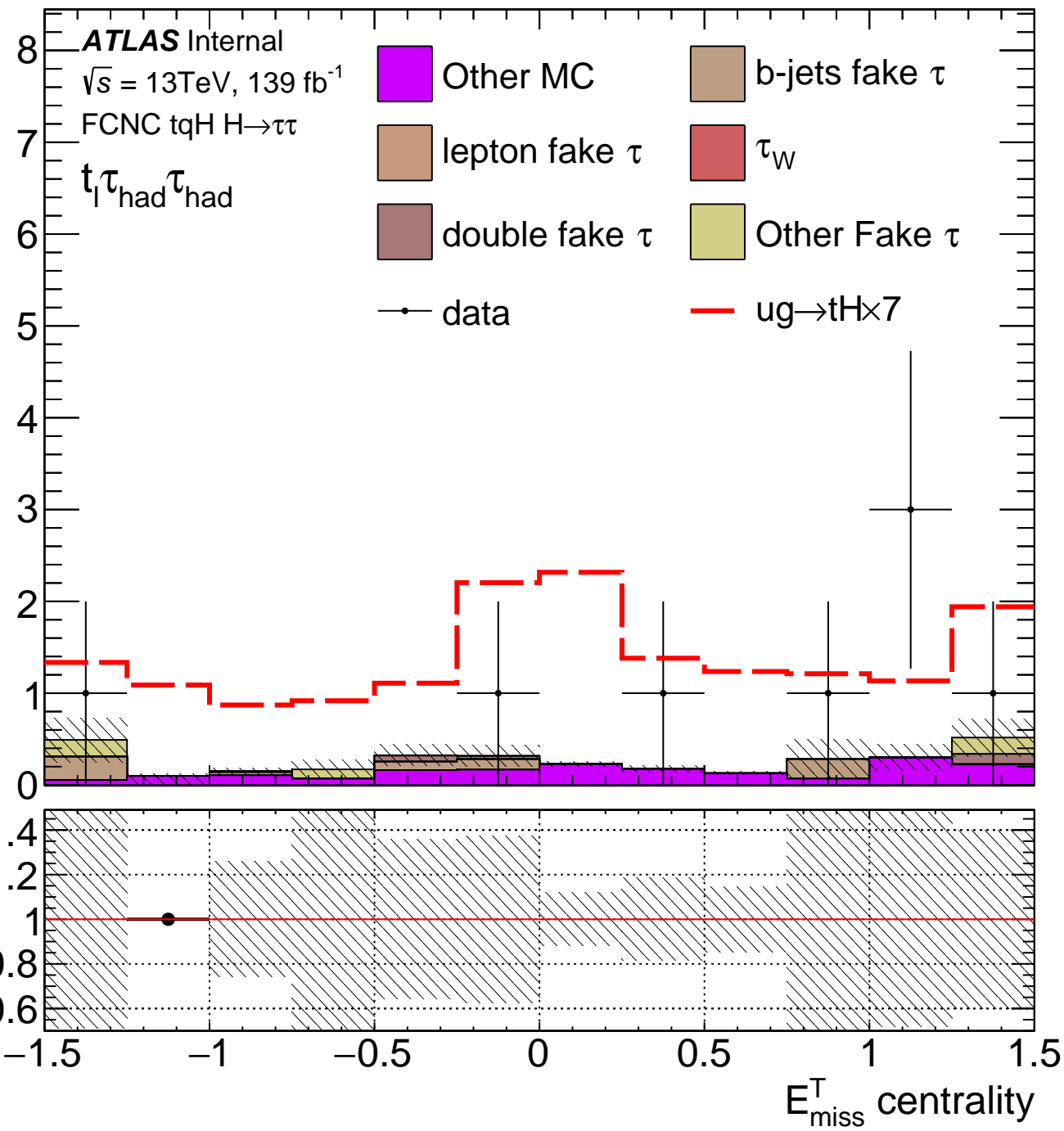


Events / 0.25

Data/Bkg

ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$
 $t_l \tau_{\text{had}} \tau_{\text{had}}$

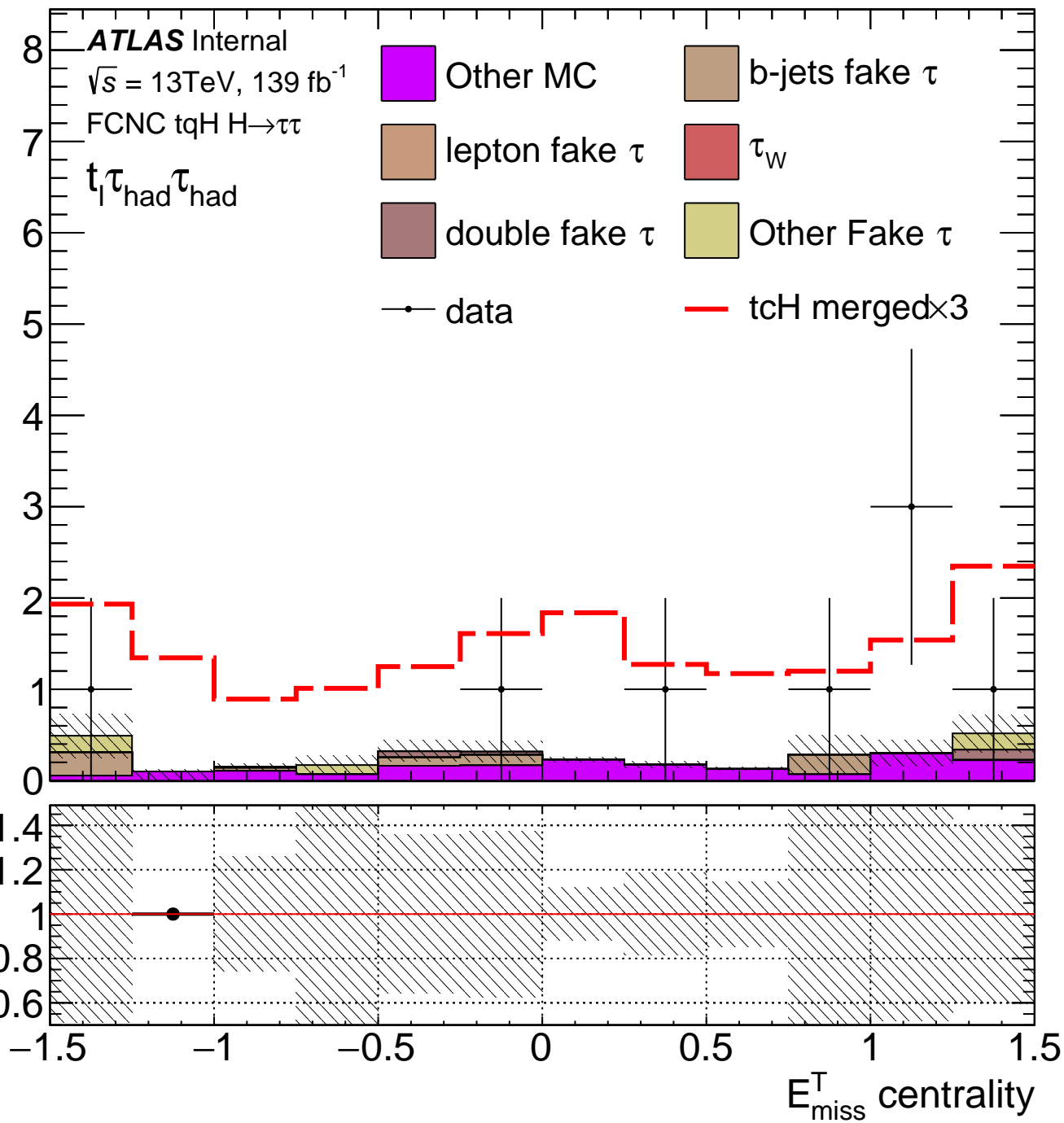
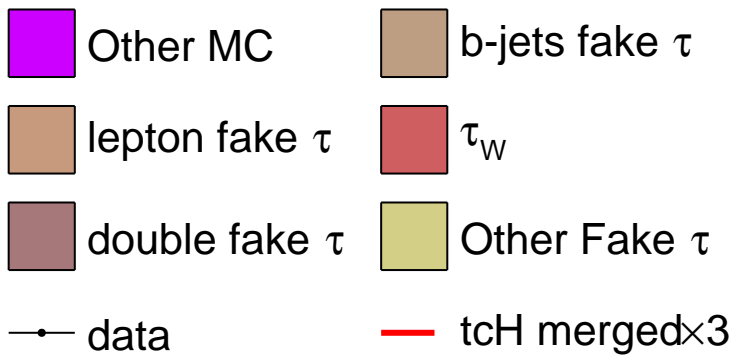
Other MC
lepton fake τ
double fake τ
data
b-jets fake τ
 τ_W
Other Fake τ
 $u g \rightarrow t H \times 7$



Events / 0.25

Data/Bkg

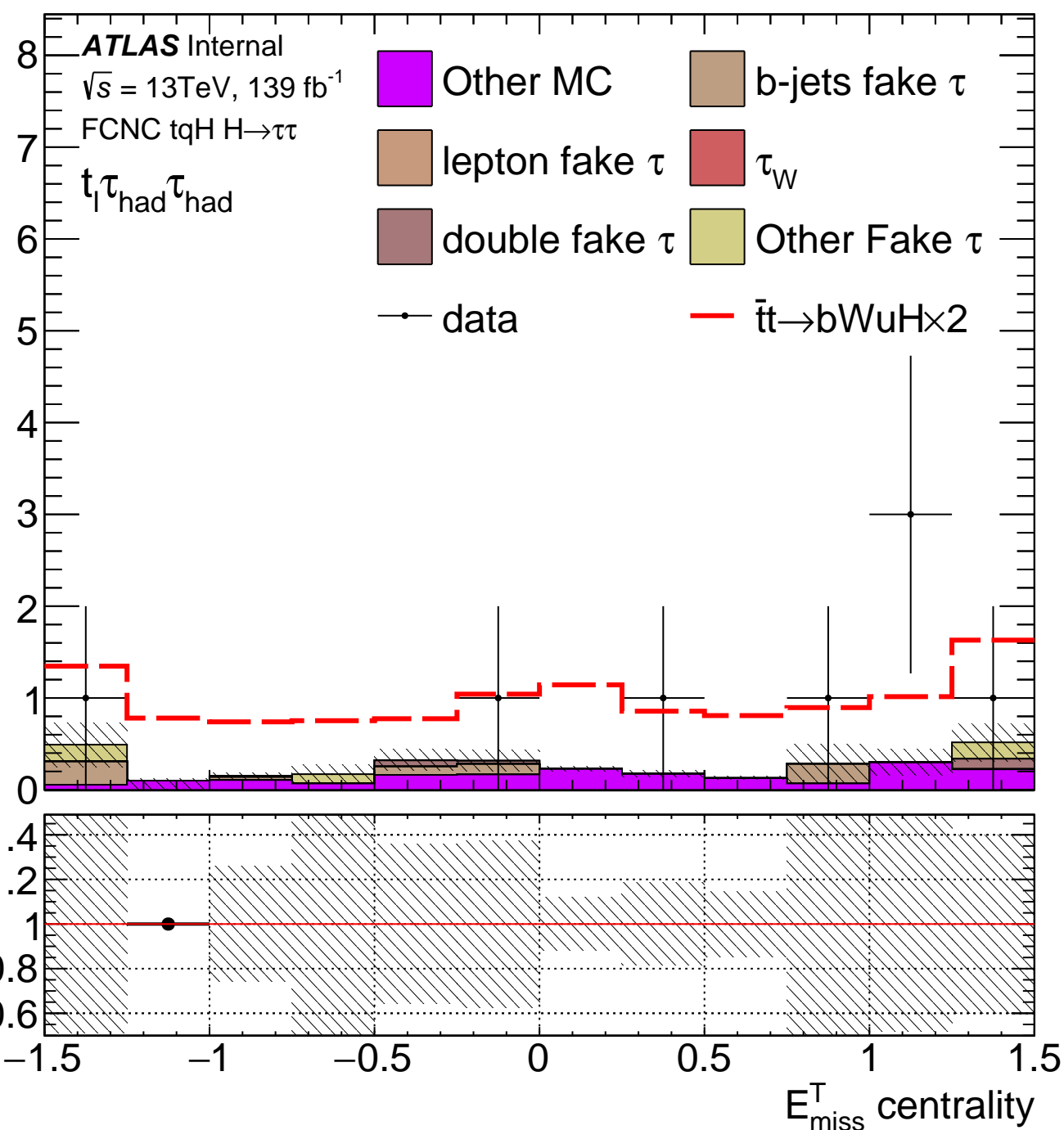
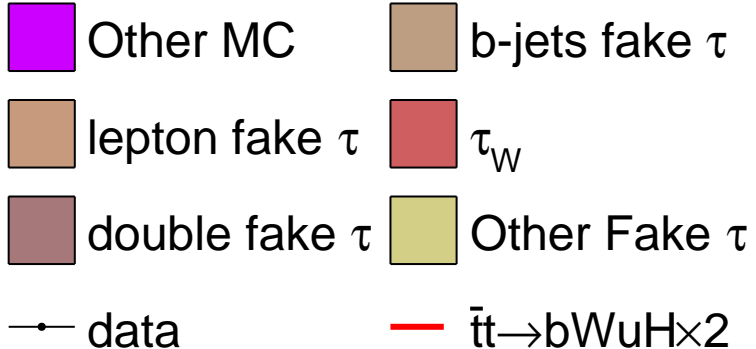
ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$
 $t_l \tau_{\text{had}} \tau_{\text{had}}$



Events / 0.25

Data/Bkg

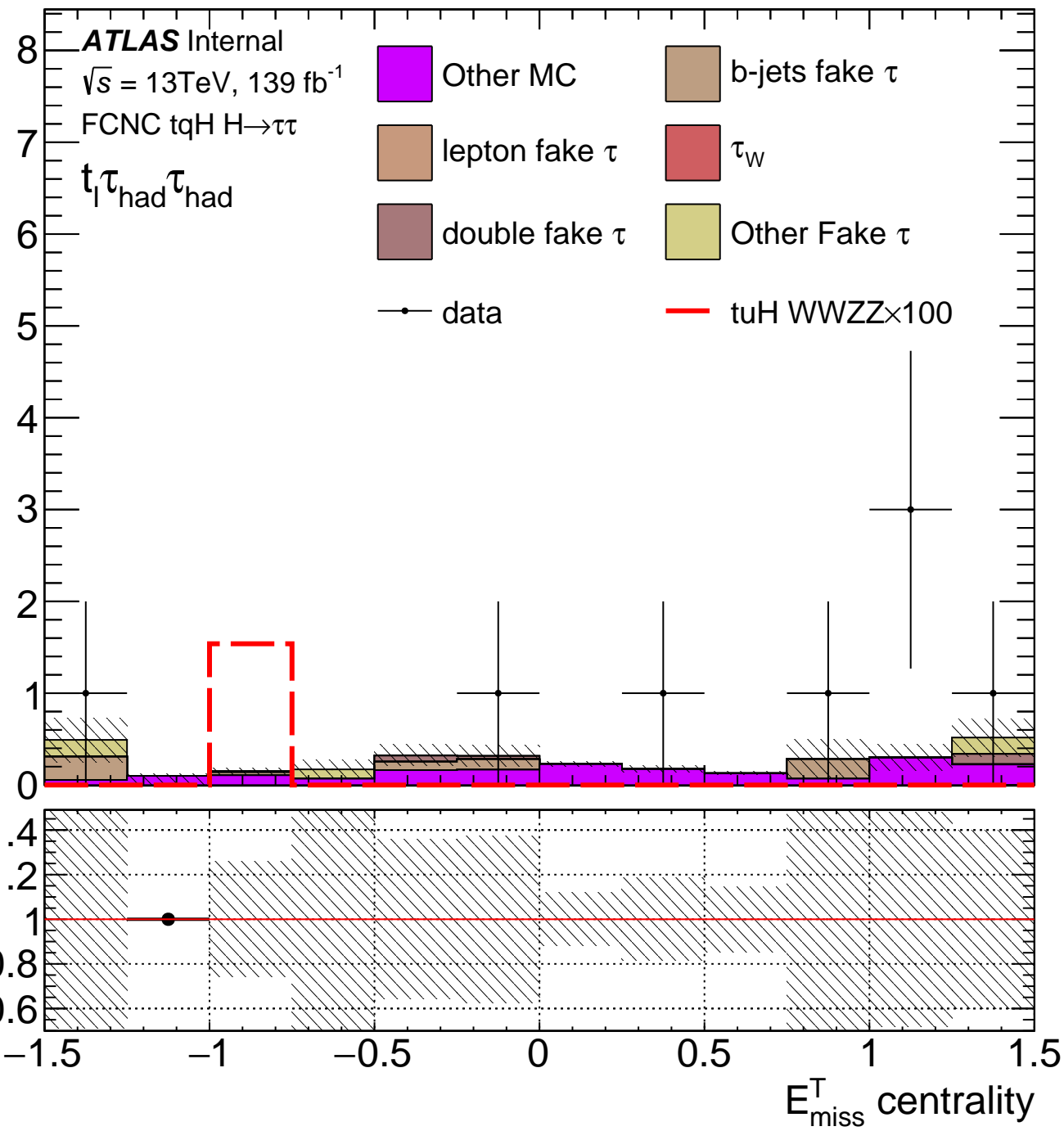
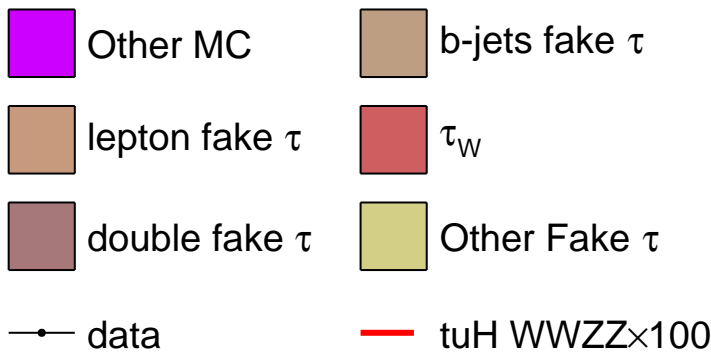
ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$
 $t\bar{t}\tau_{\text{had}}\tau_{\text{had}}$



Events / 0.25

Data/Bkg

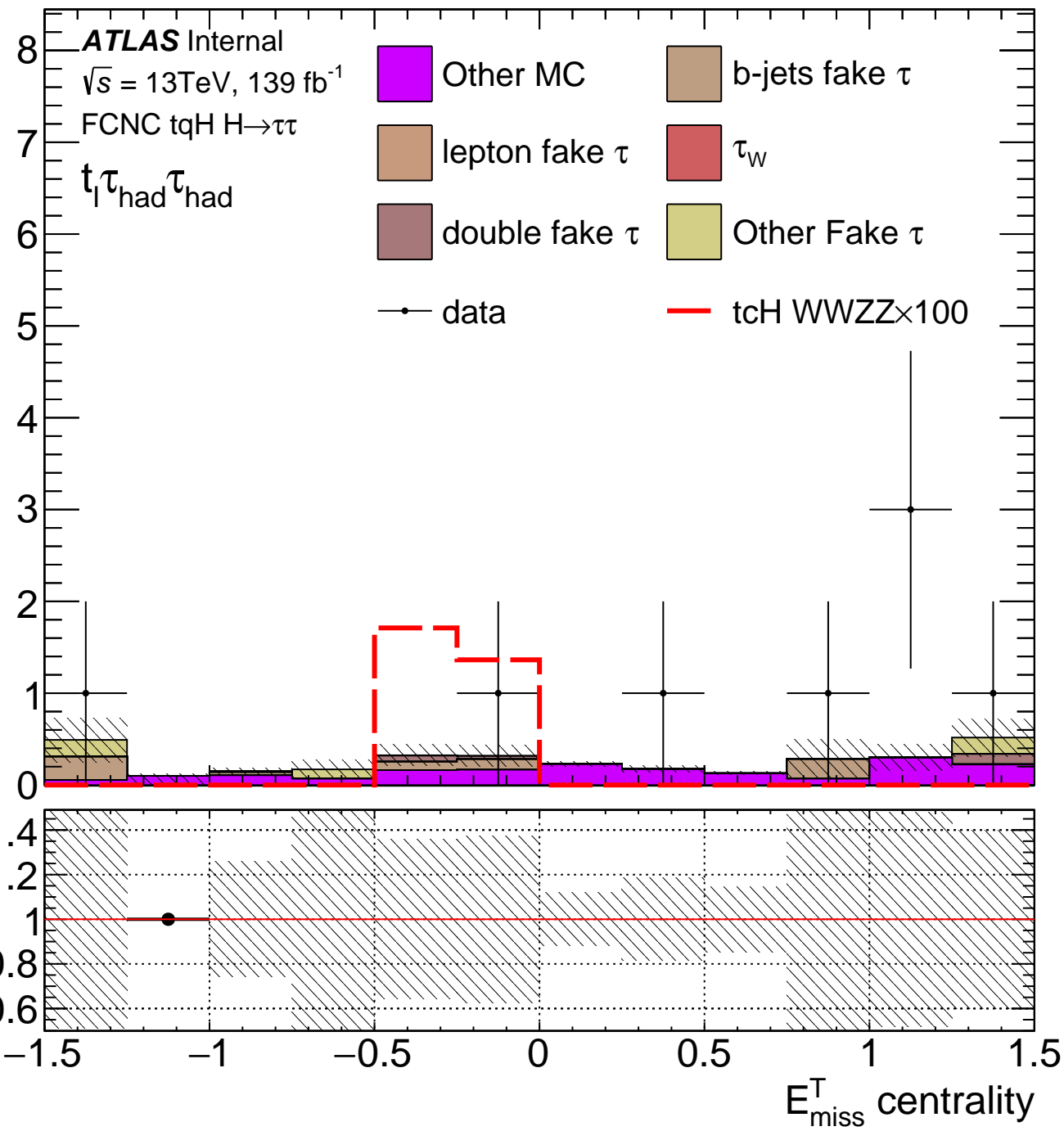
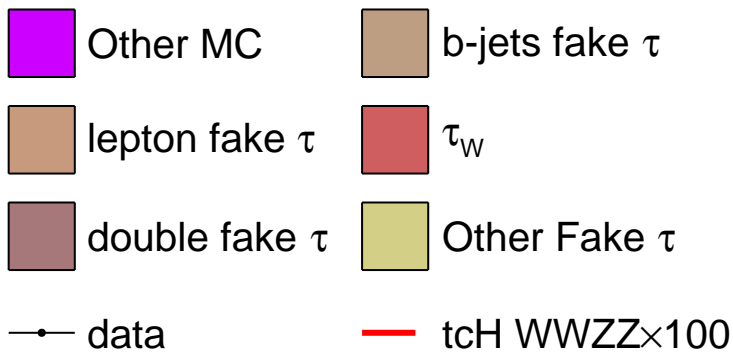
ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$
 $t_l \tau_{\text{had}} \tau_{\text{had}}$



Events / 0.25

Data/Bkg

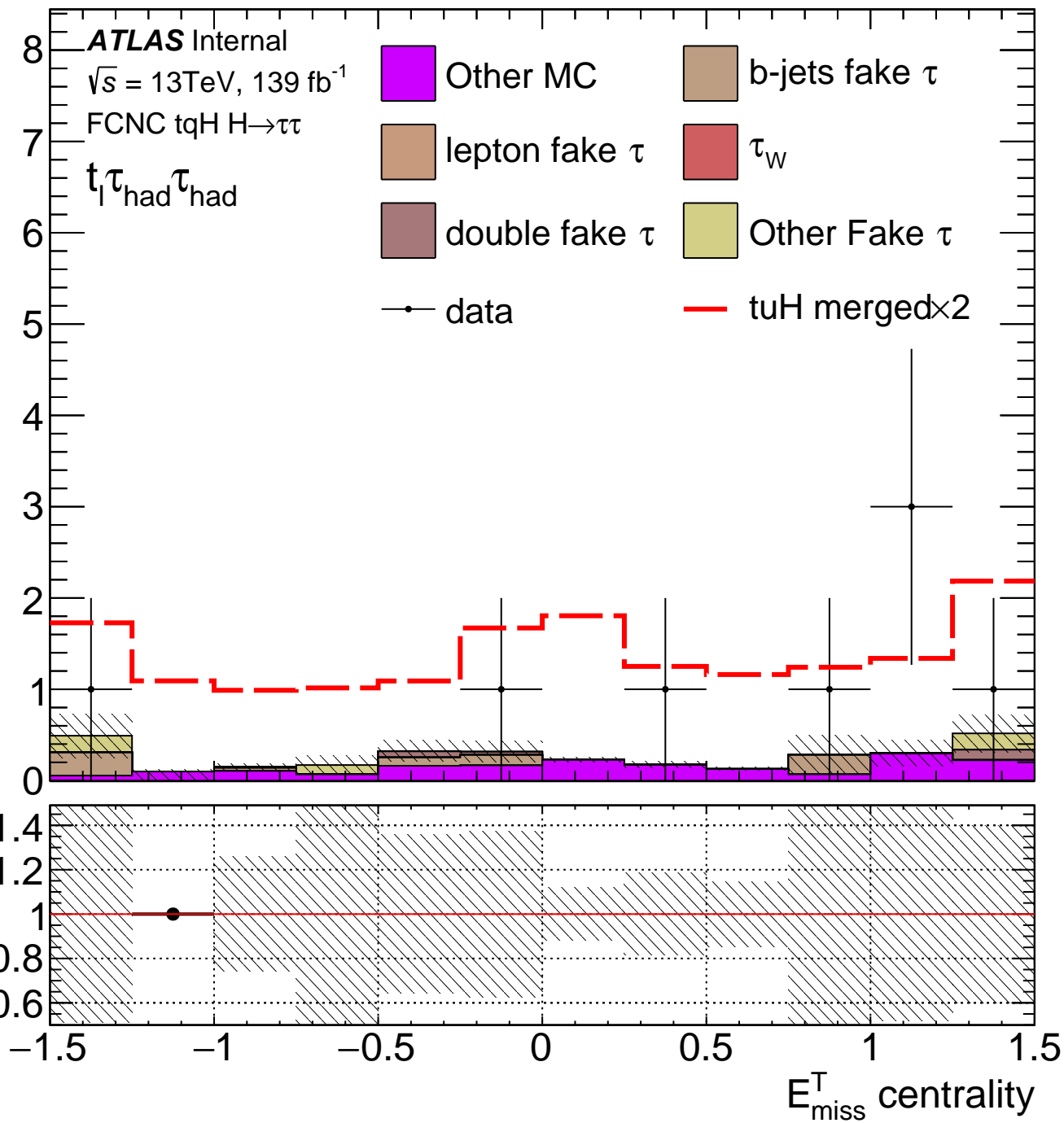
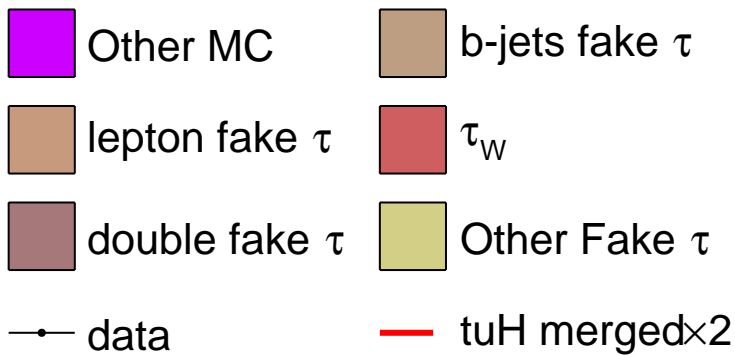
ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$
 $t_l \tau_{\text{had}} \tau_{\text{had}}$



Events / 0.25

Data/Bkg

ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$
 $t_l \tau_{\text{had}} \tau_{\text{had}}$



Events / 0.25

Data/Bkg

ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$
 $t_l \tau_{\text{had}} \tau_{\text{had}}$

Other MC	b-jets fake τ
lepton fake τ	τ_W
double fake τ	Other Fake τ
data	$\bar{t}t \rightarrow bWcH \times 3$
$cg \rightarrow tH \times 40$	$ug \rightarrow tH \times 7$
$\bar{t}t \rightarrow bWuH \times 2$	$tuH WWZZ \times 100$
$tcH WWZZ \times 100$	

