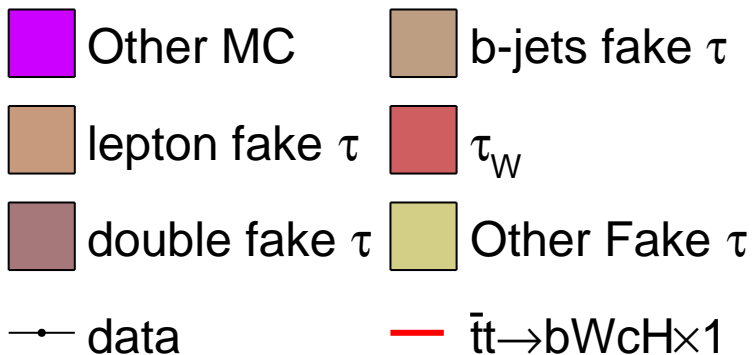


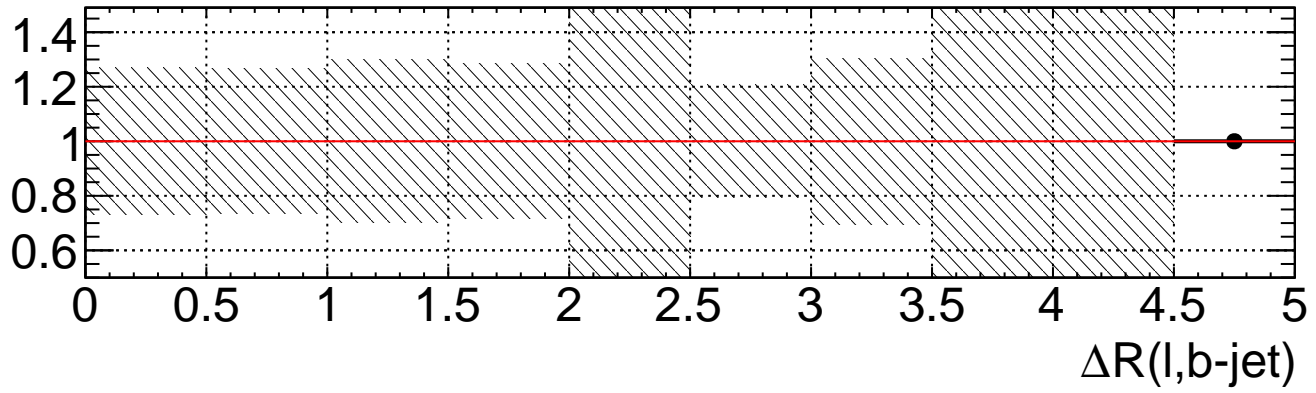
Events / 0.50

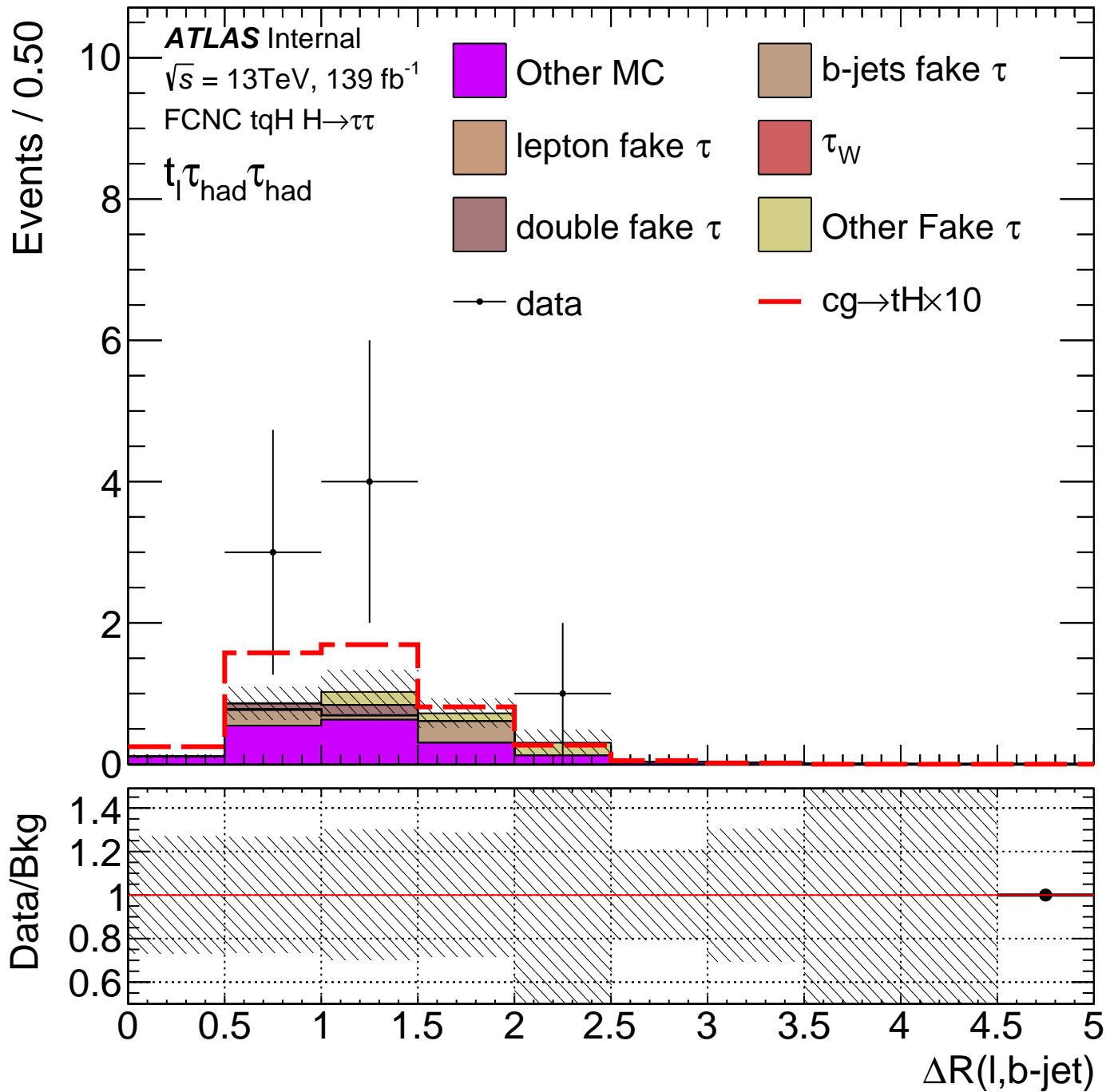
ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
 FCNC tqH $H \rightarrow \tau\tau$

$t\bar{t}\tau_{\text{had}}\tau_{\text{had}}$



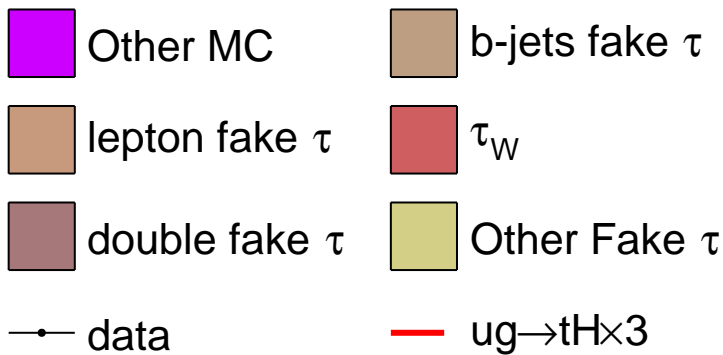
Data/Bkg



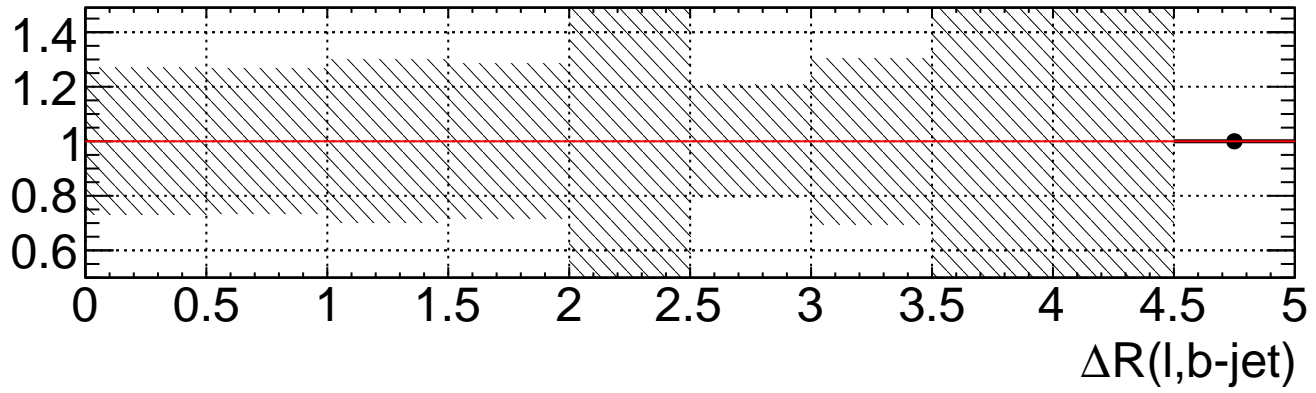


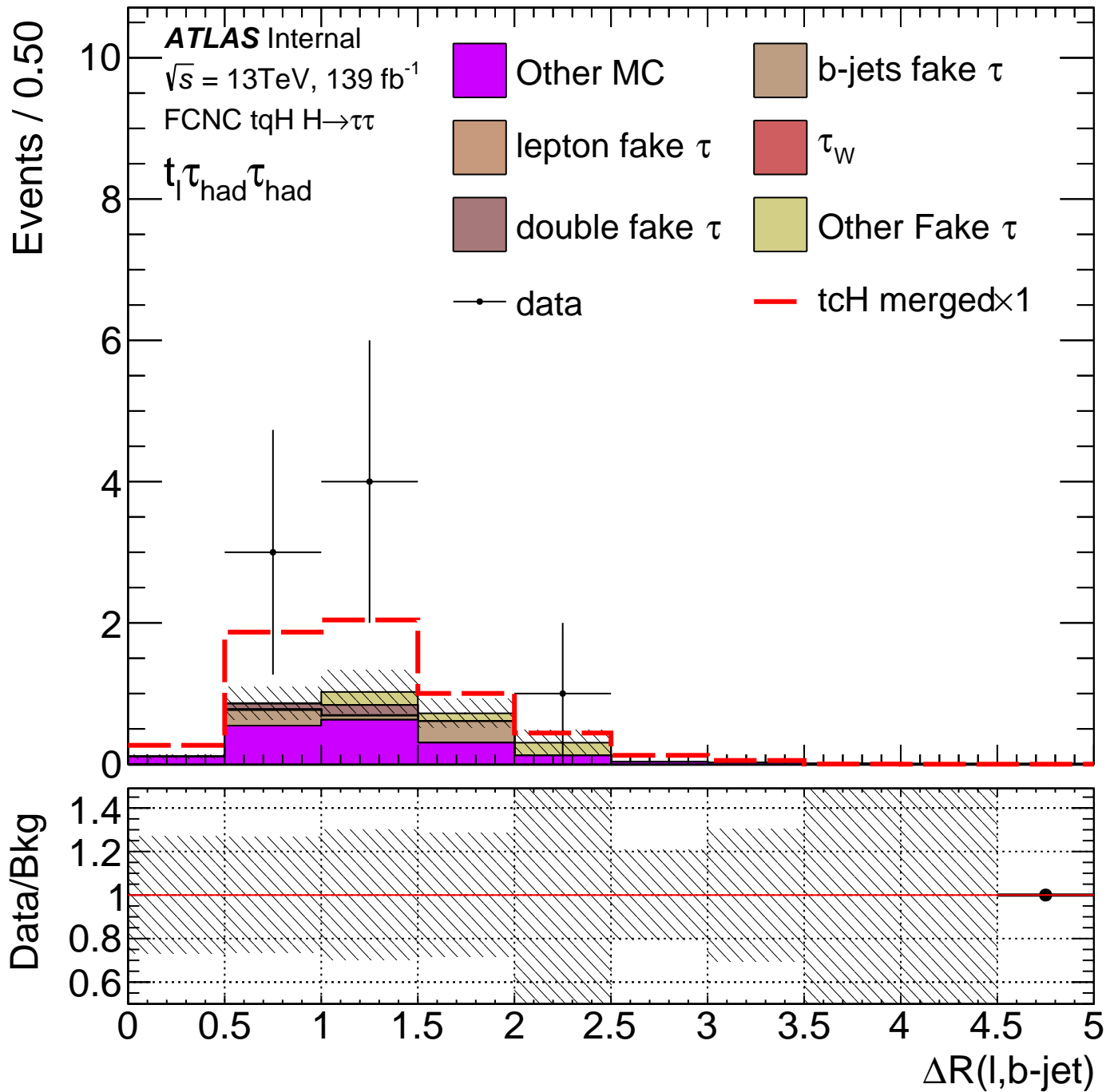
Events / 0.50

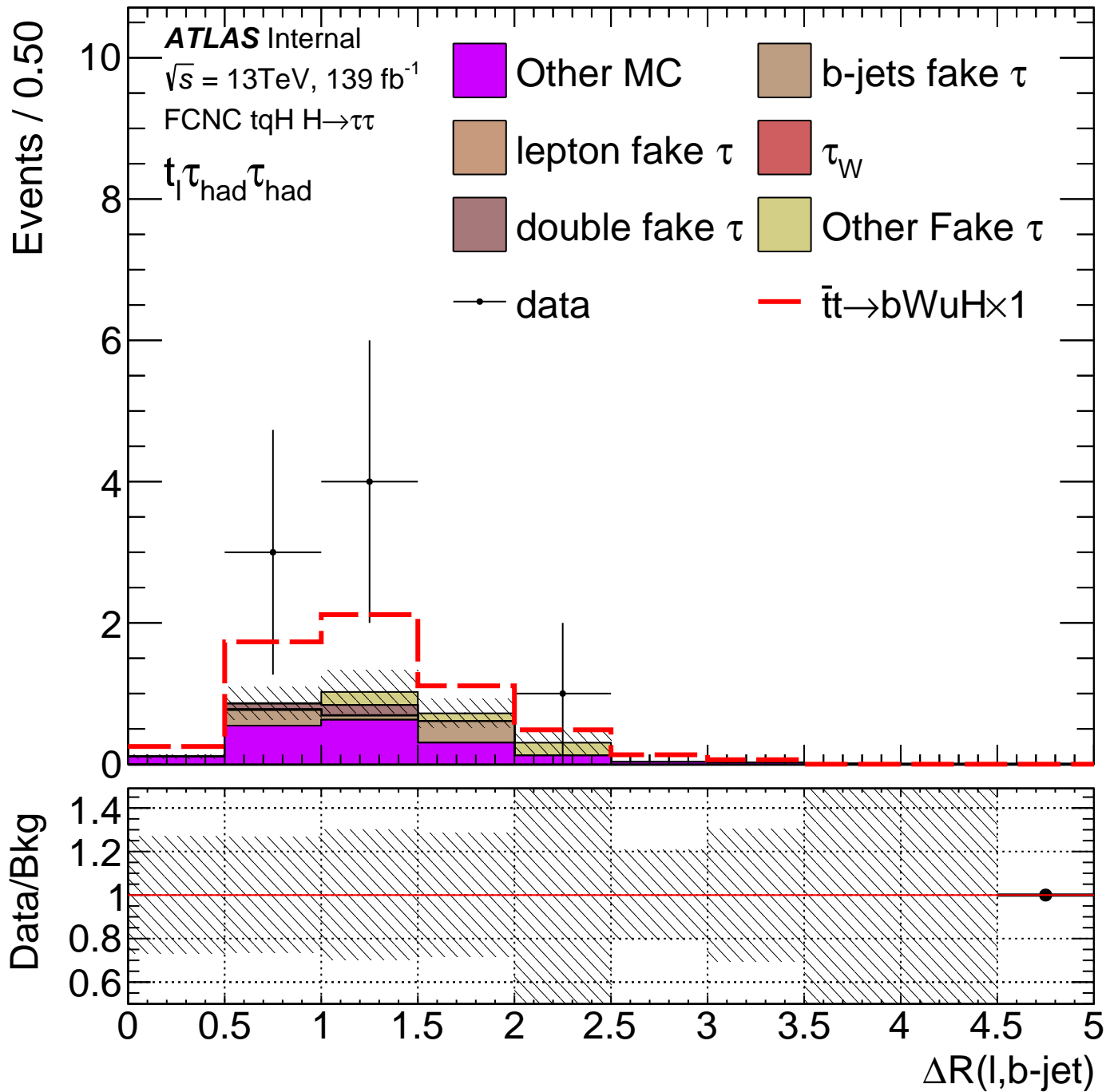
ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$
 $t_l \tau_{\text{had}} \tau_{\text{had}}$

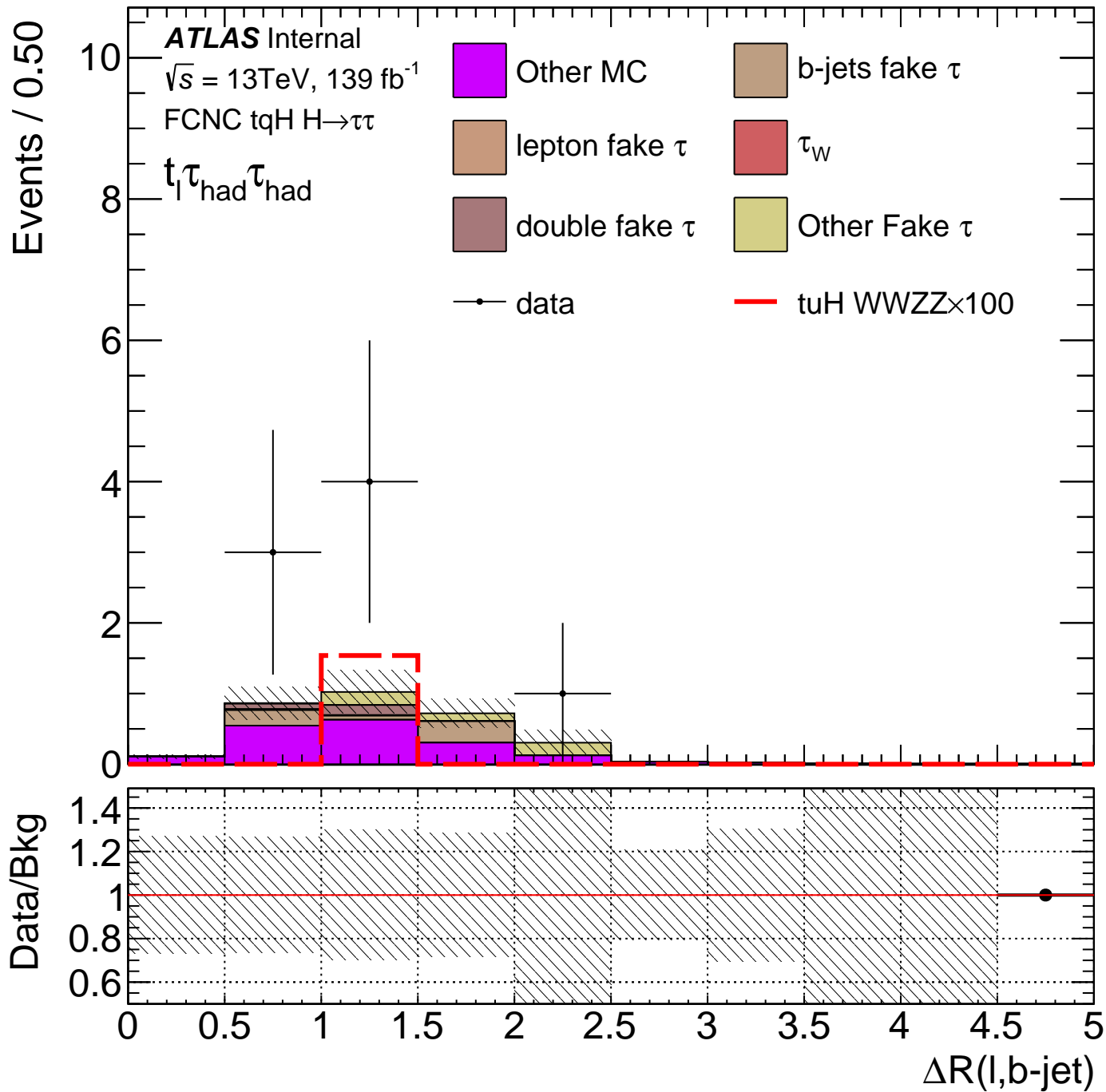


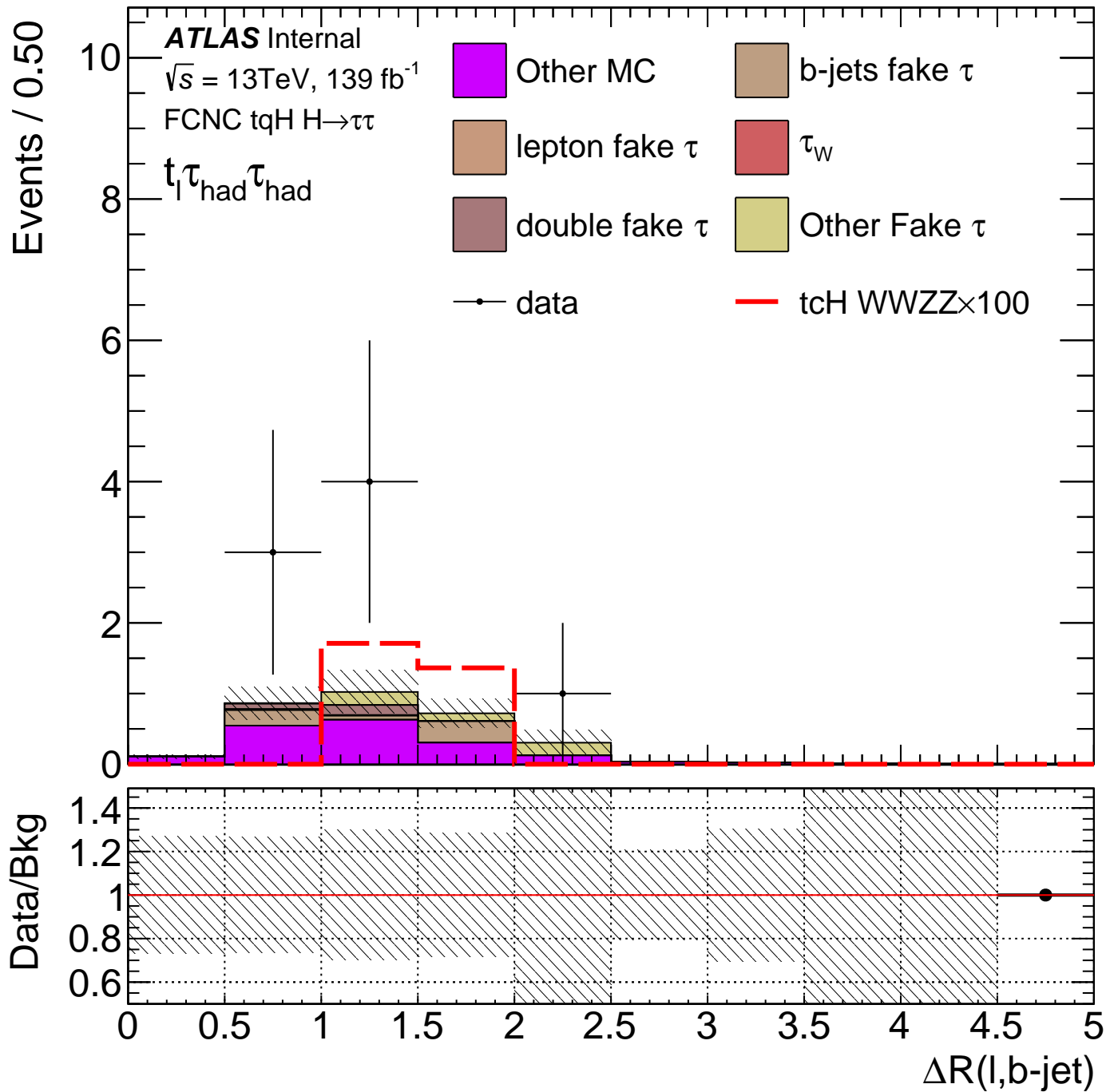
Data/Bkg





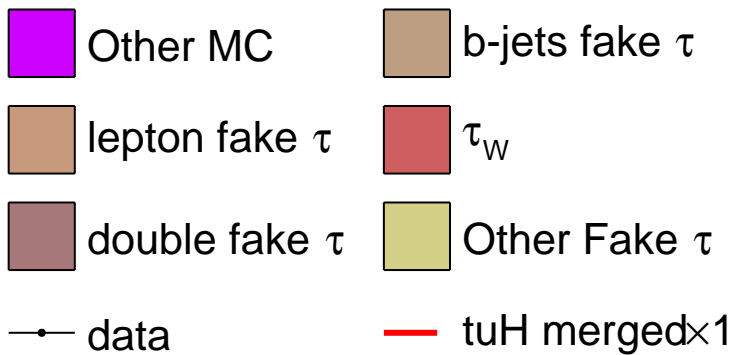




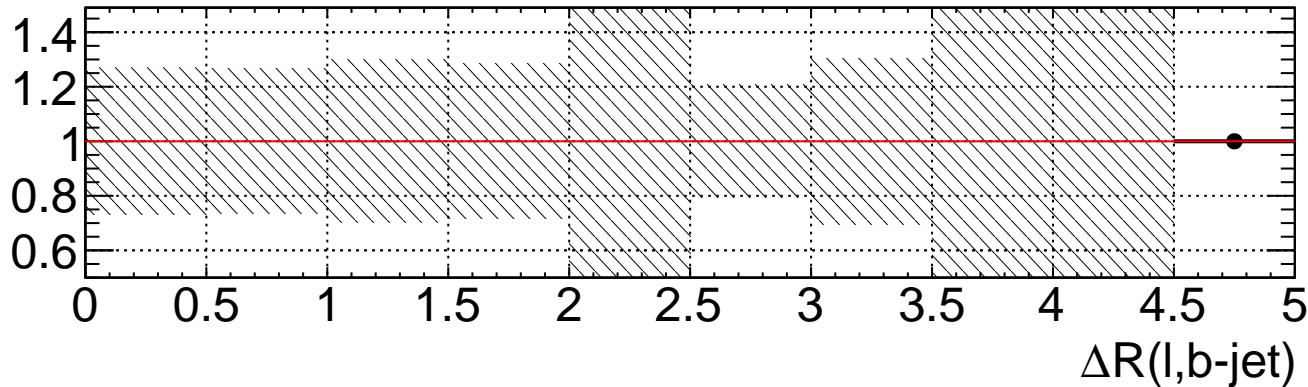


Events / 0.50

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



Data/Bkg



Events / 0.50

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
 $cg \rightarrow tH \times 10$
 $\bar{t}t \rightarrow bWuH \times 1$
tcH WWZZ $\times 100$

b-jets fake τ
 τ_W
Other Fake τ
 $\bar{t}t \rightarrow bWcH \times 1$
 $ug \rightarrow tH \times 3$
tuH WWZZ $\times 100$

Data/Bkg

 $\Delta R(l, b\text{-jet})$ 