

Events / 1.00

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



b-jets fake τ



τ_W



Other Fake τ



data

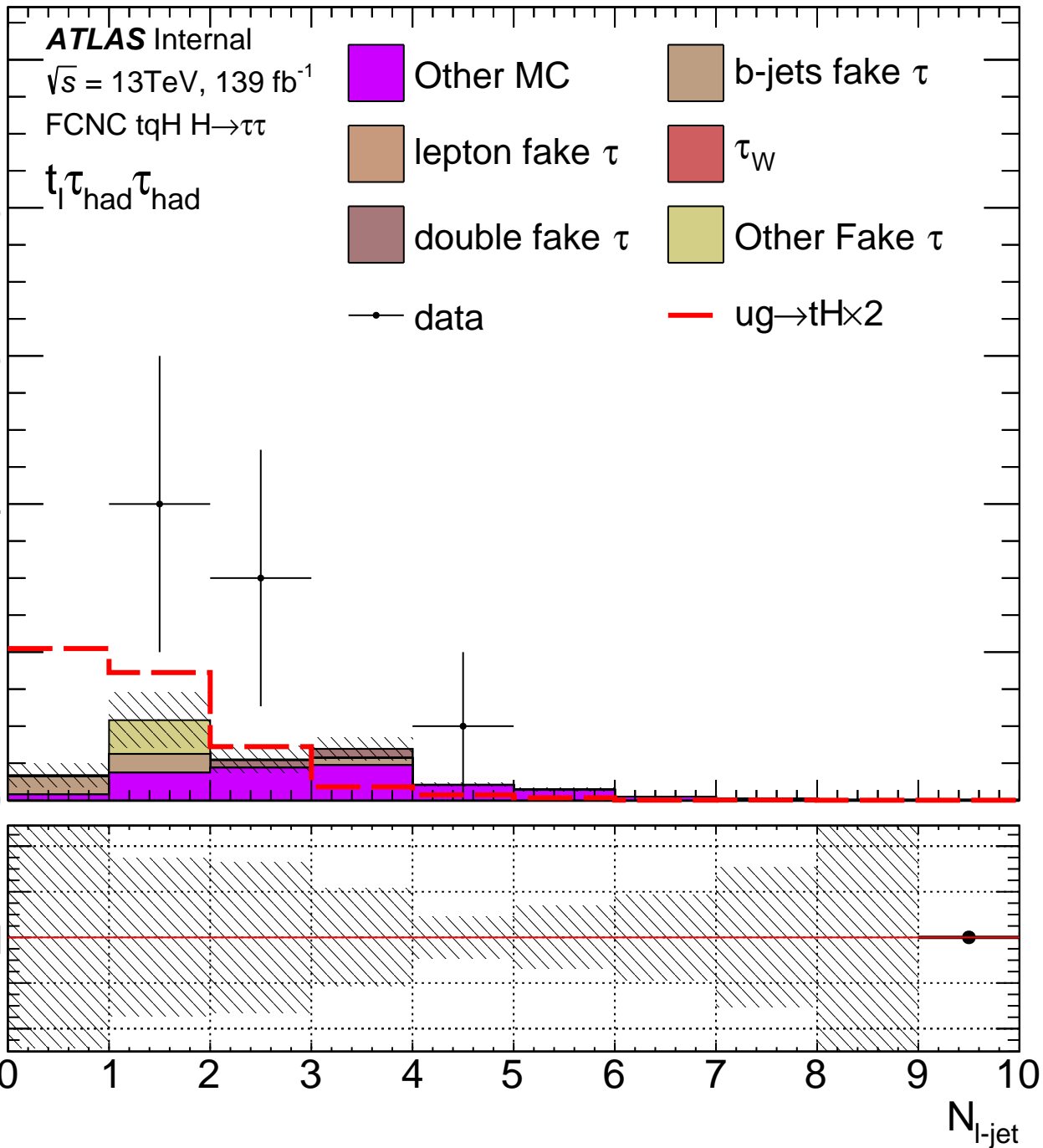


$ug \rightarrow tH \times 2$

Data/Bkg

1.4
1.2
1.0
0.8
0.6

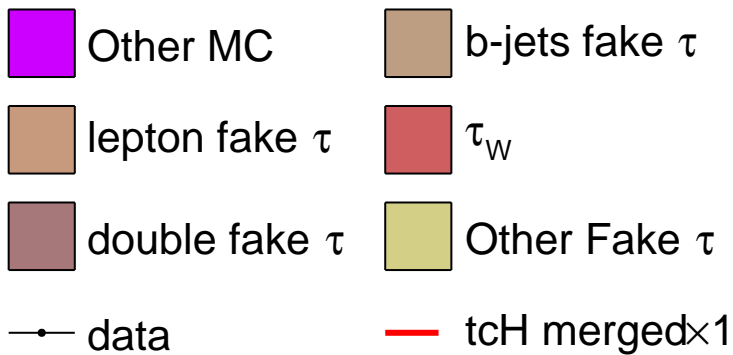
0 1 2 3 4 5 6 7 8 9 10
 $N_{l\text{-jet}}$



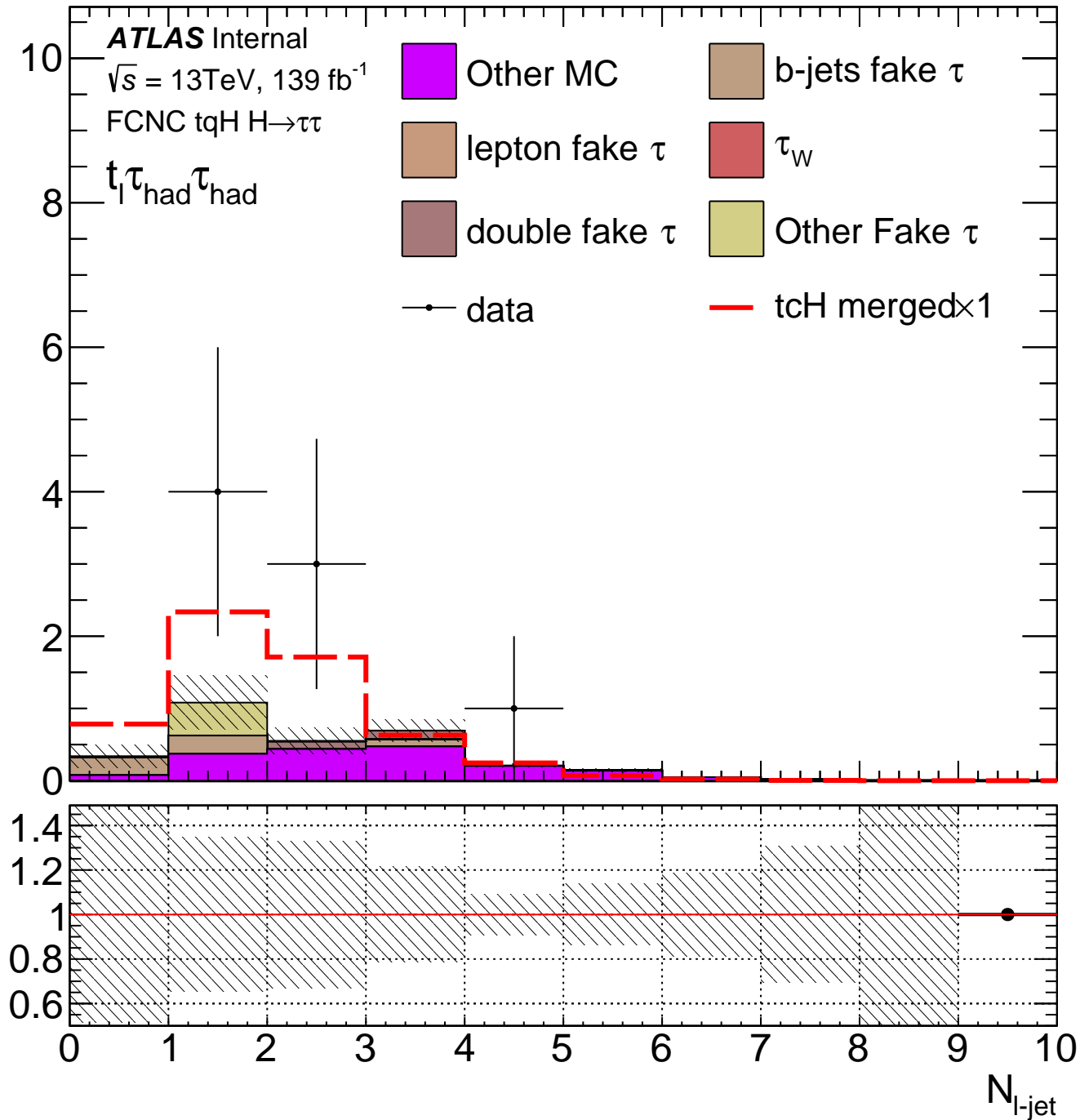
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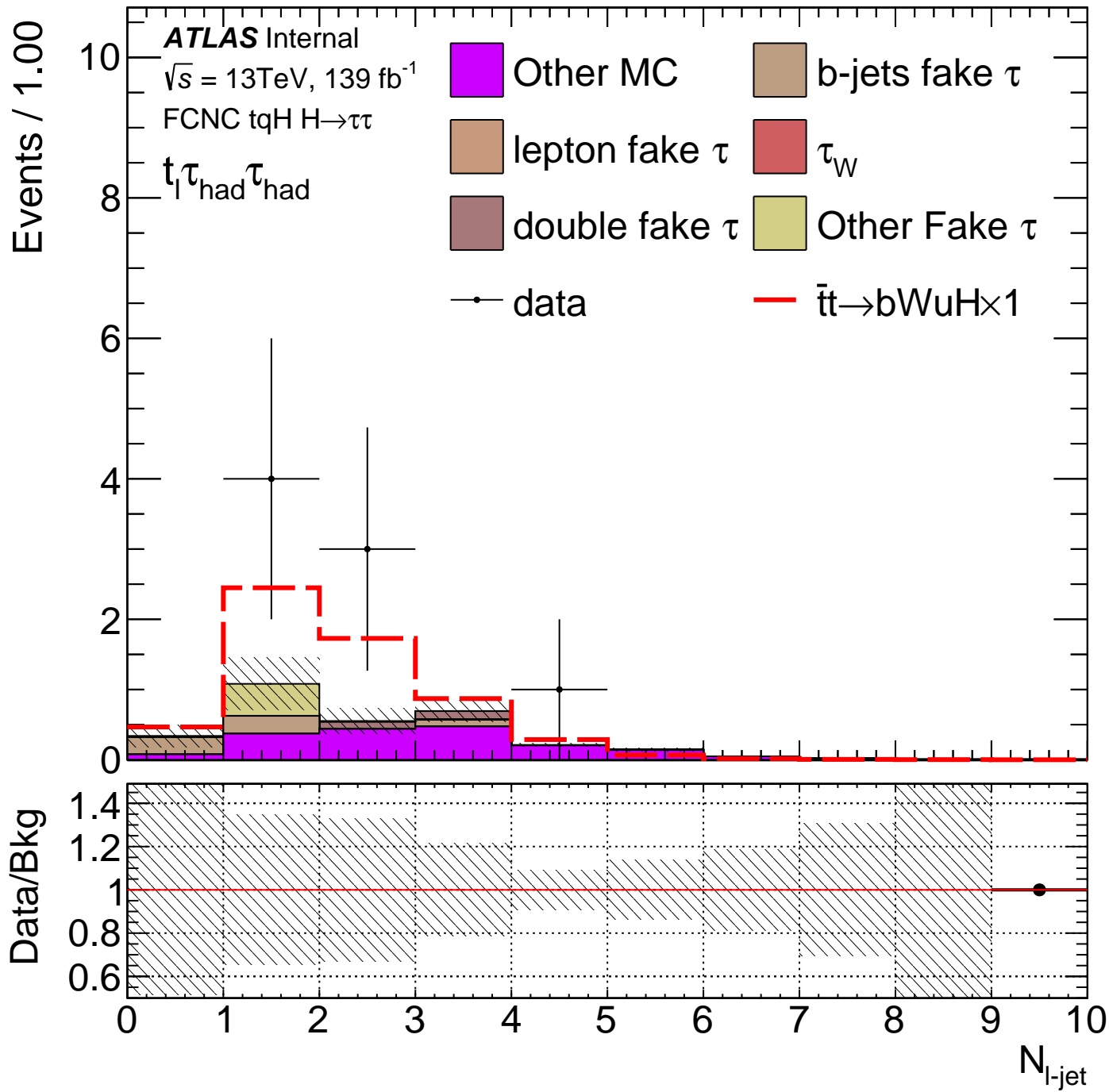
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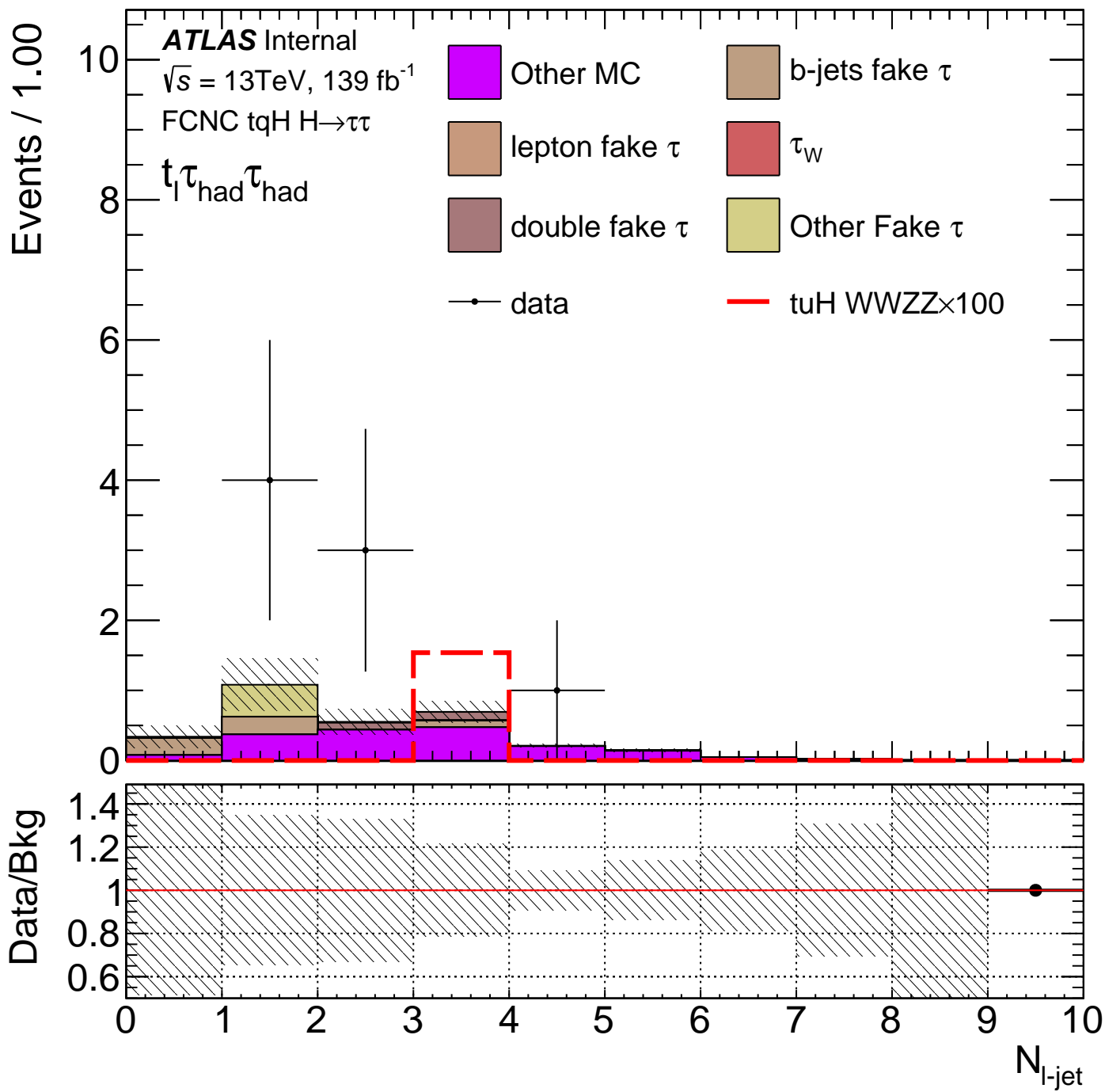
$t_l \tau_{\text{had}} \tau_{\text{had}}$

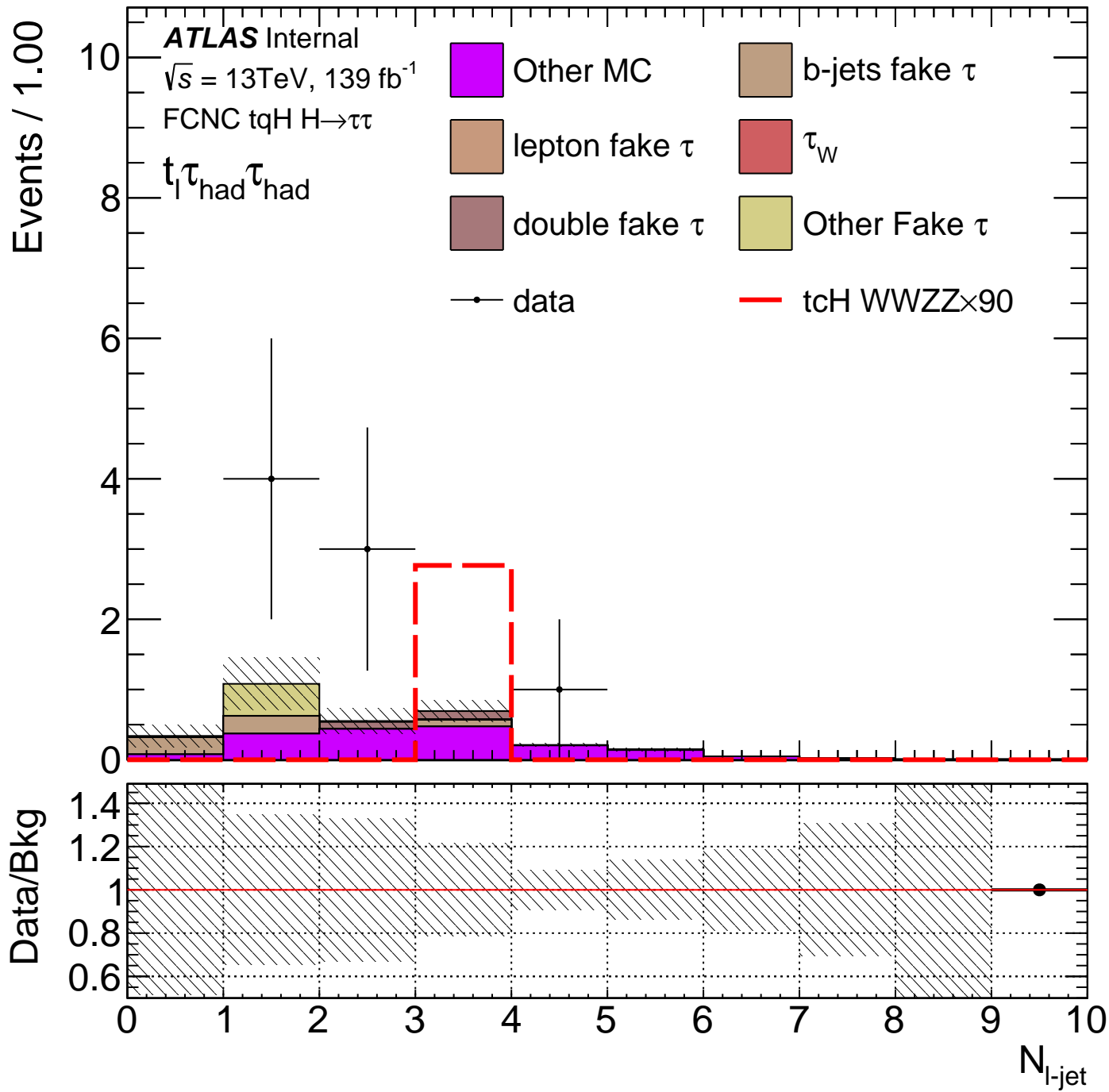


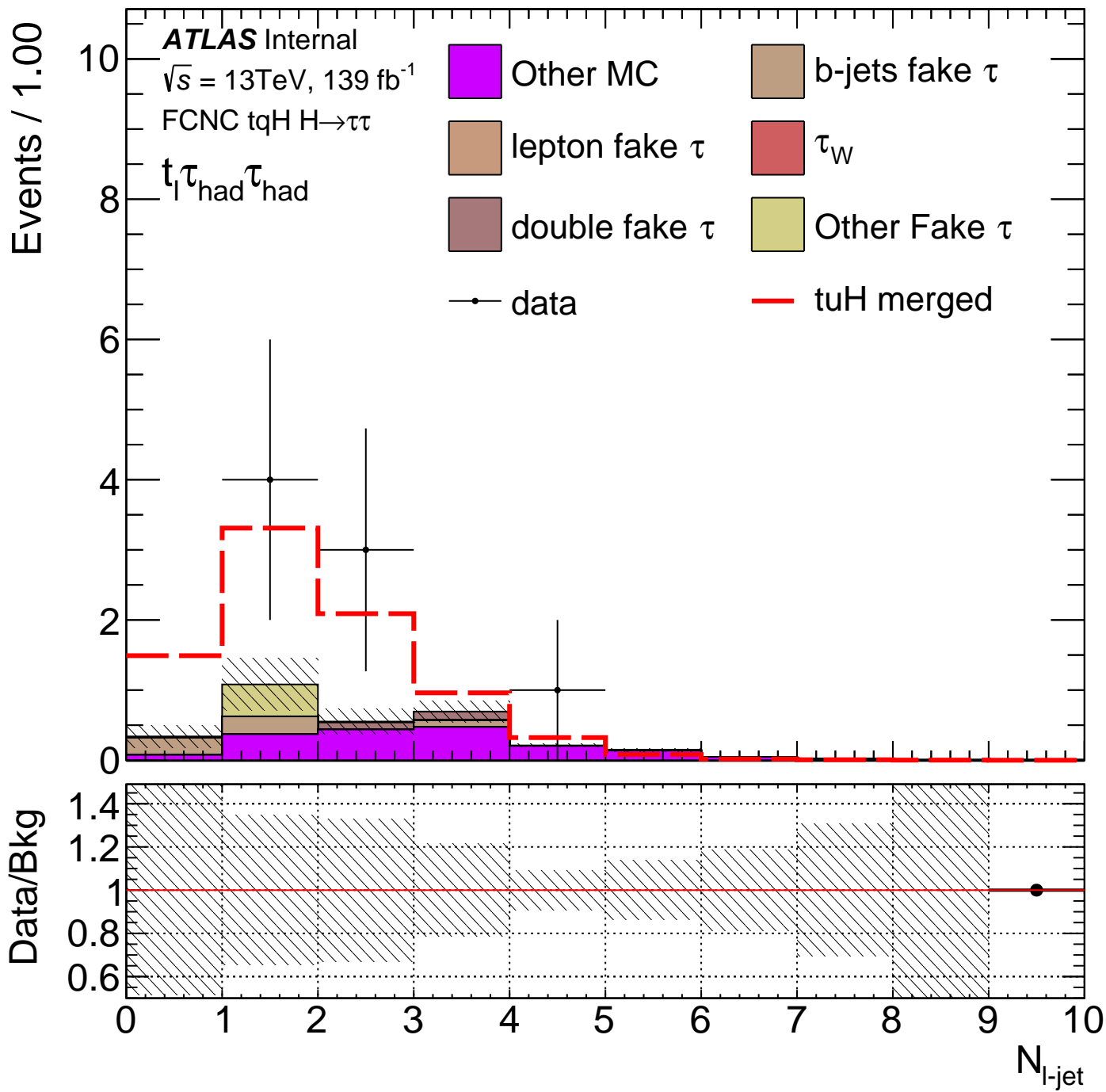
Data/Bkg









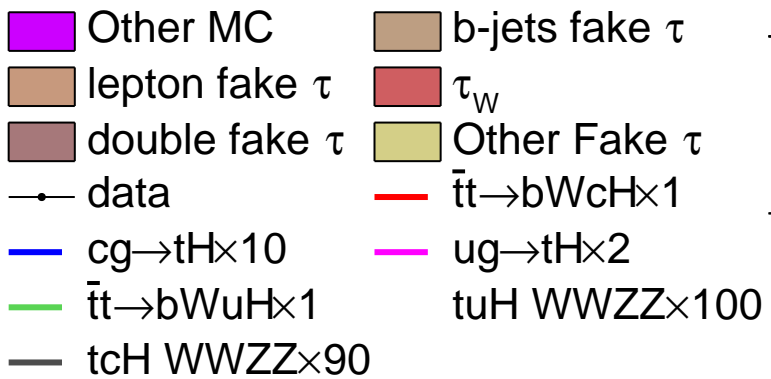


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 $N_{l\text{-jet}}$