

Events / 0.50

ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$
FCNC tqH $H \rightarrow \tau\tau$
 $t_h \tau_{\text{lep}} \tau_{\text{had}} - 2j$



Other MC



lepton fake τ



Other Fake τ



data



b-jets fake τ



τ_W

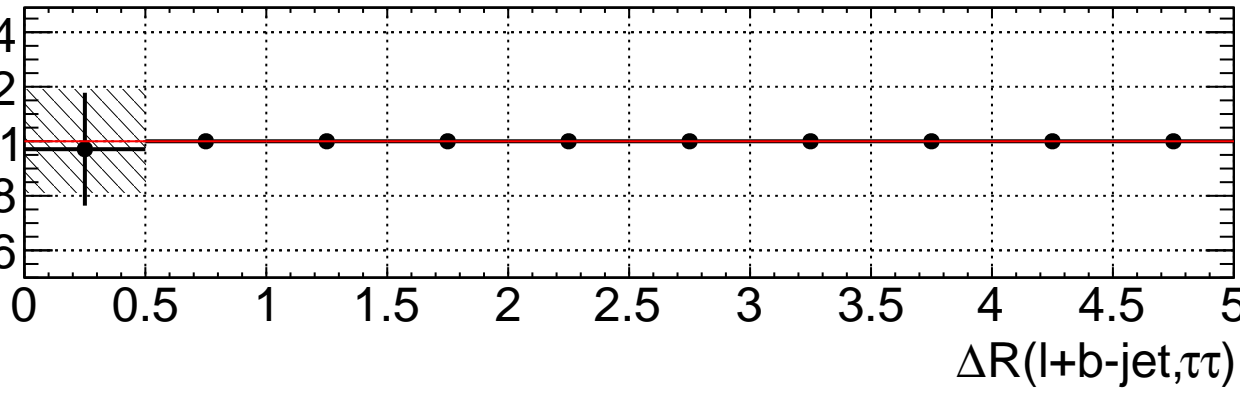
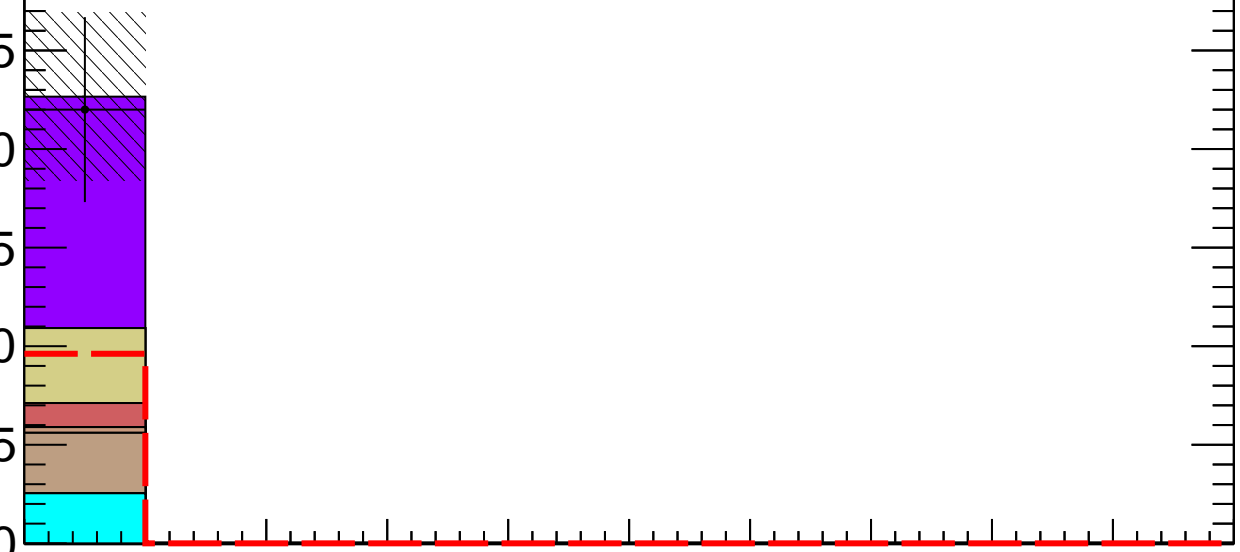


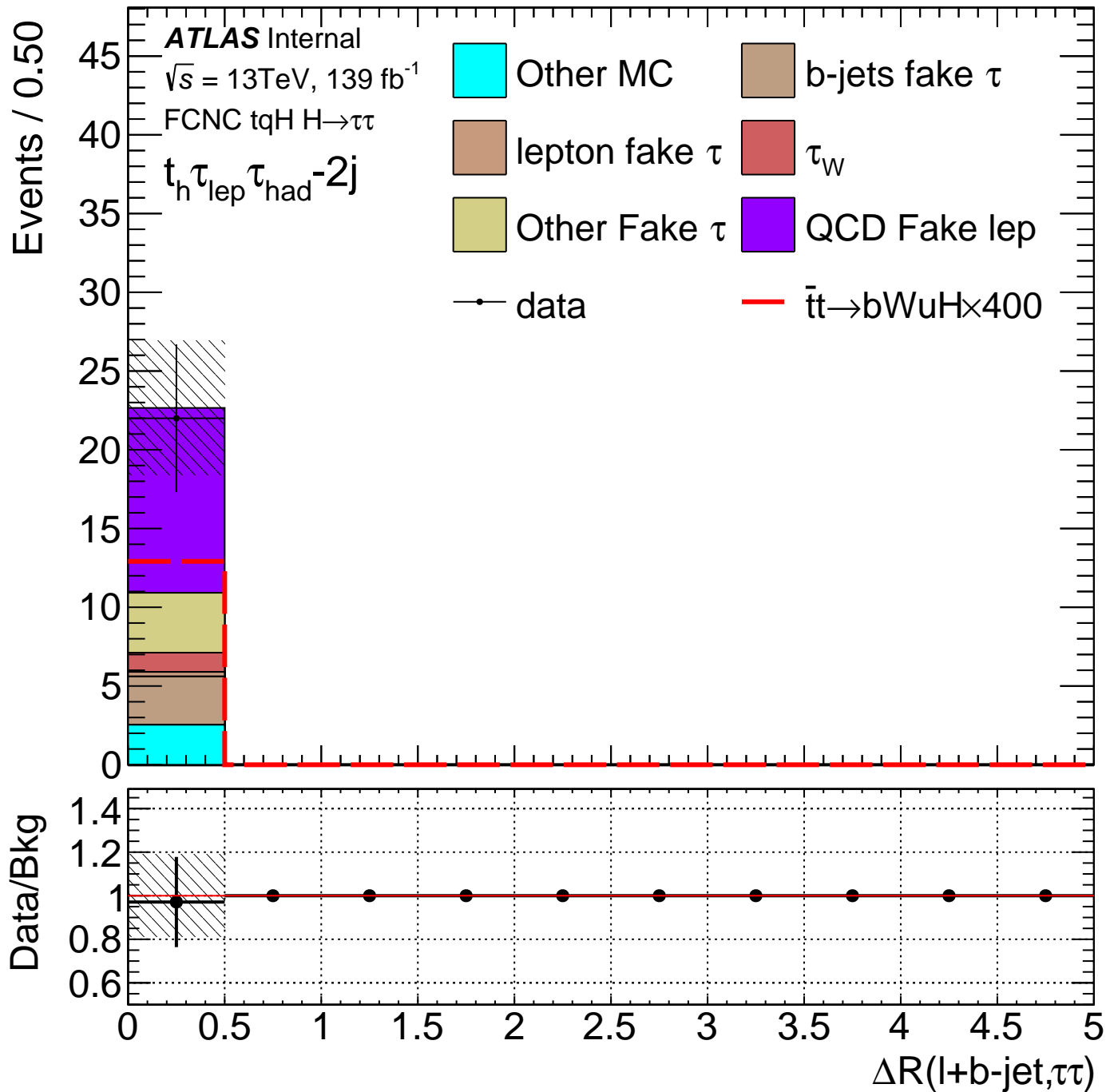
QCD Fake lep

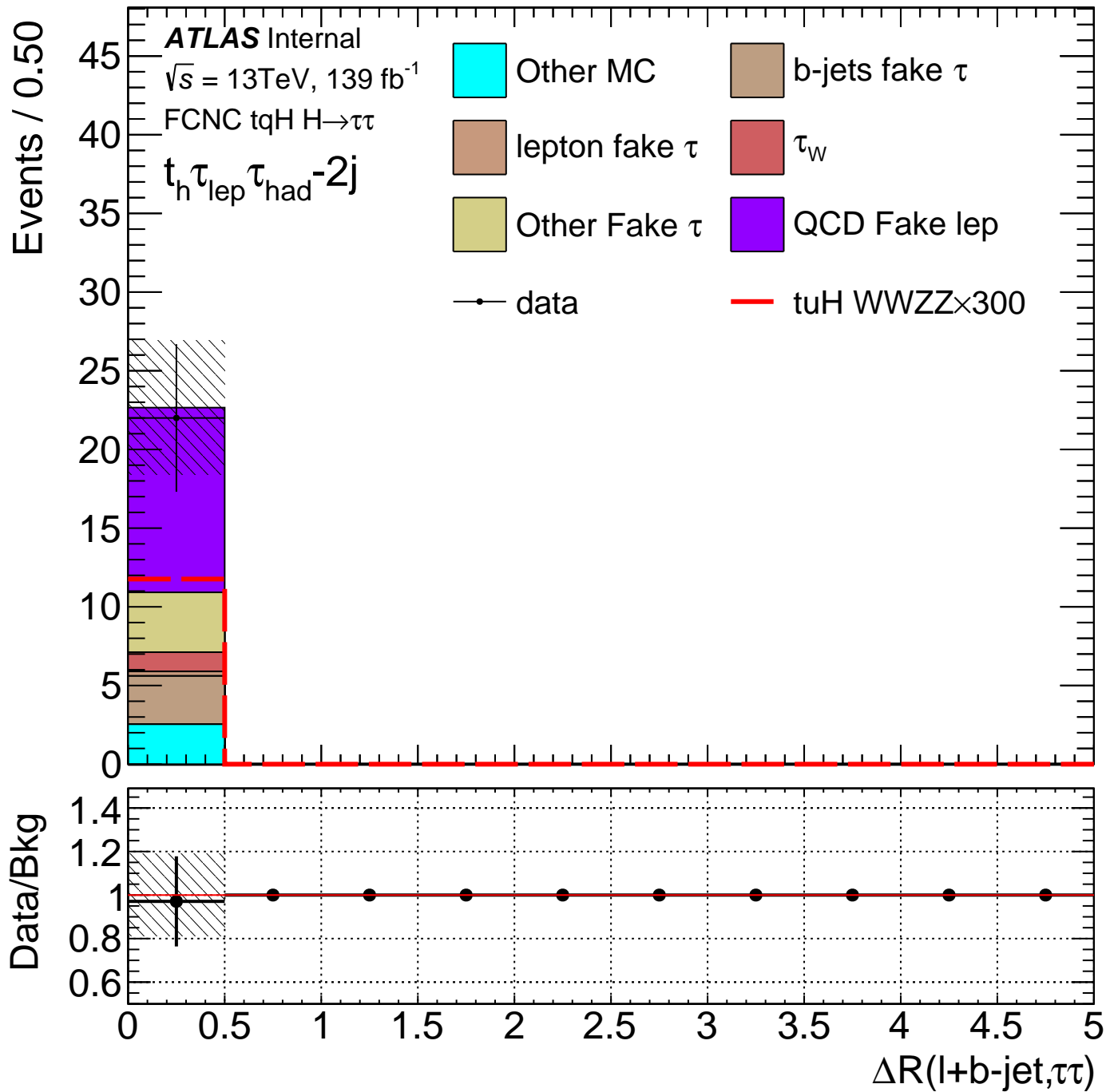


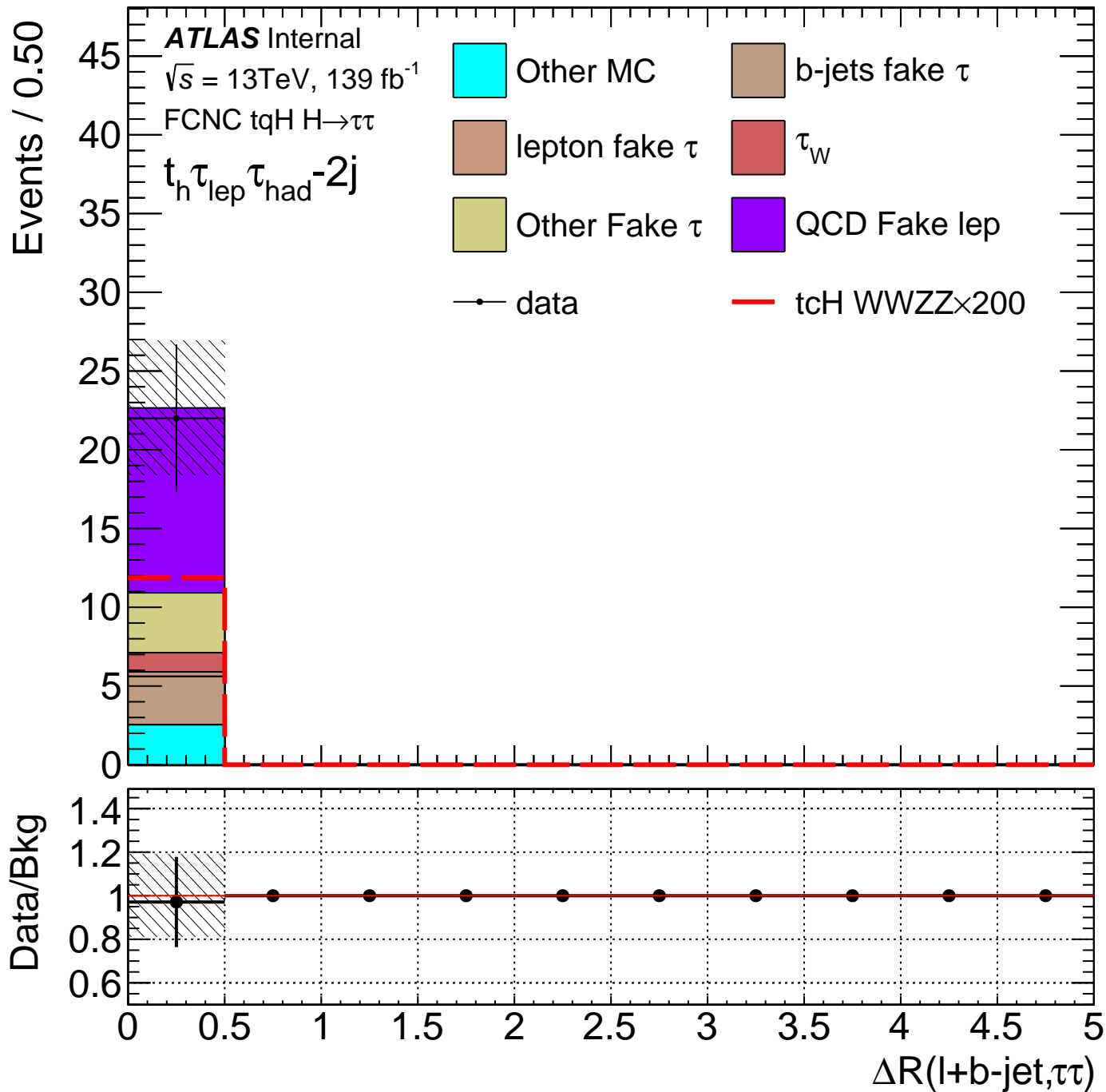
tcH merged $\times 100$

Data/Bkg









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Other MC



lepton fake τ



Other Fake τ



data



b-jets fake τ



τ_W

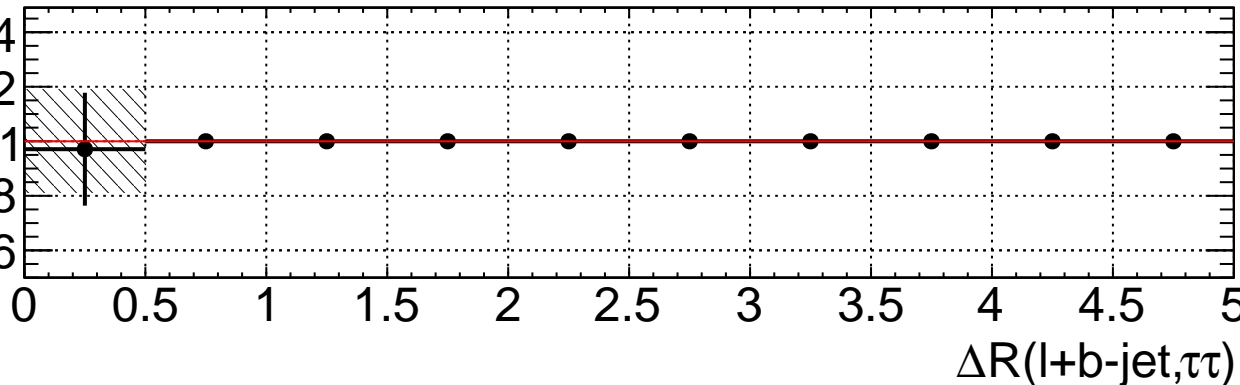
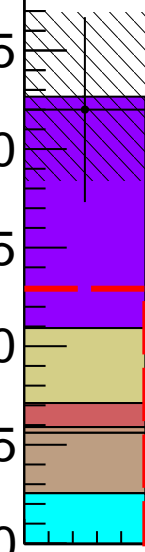


QCD Fake lep



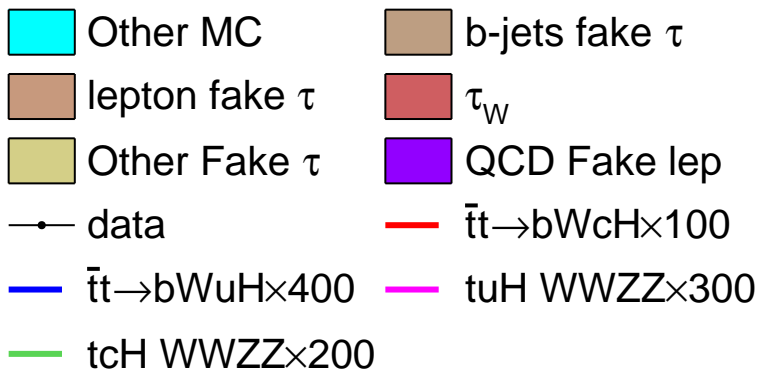
tuH merged $\times 400$

Data/Bkg



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FCNC tqH $H \rightarrow \tau\tau$
 $t_h \tau_{\text{lep}} \tau_{\text{had}}^{-2j}$



Data/Bkg

