

Events / 0.25

ATLAS Internal
 $\sqrt{s} = 13\text{TeV}, 139\text{ fb}^{-1}$

FCNC $t\bar{q}H \rightarrow \tau\tau$

$t_l\tau_{\text{had}}^{-2j}$

Other MC

b-jets fake τ

τ_W

QCD Fake lep

$t\bar{t} \rightarrow bWcH \times 10$

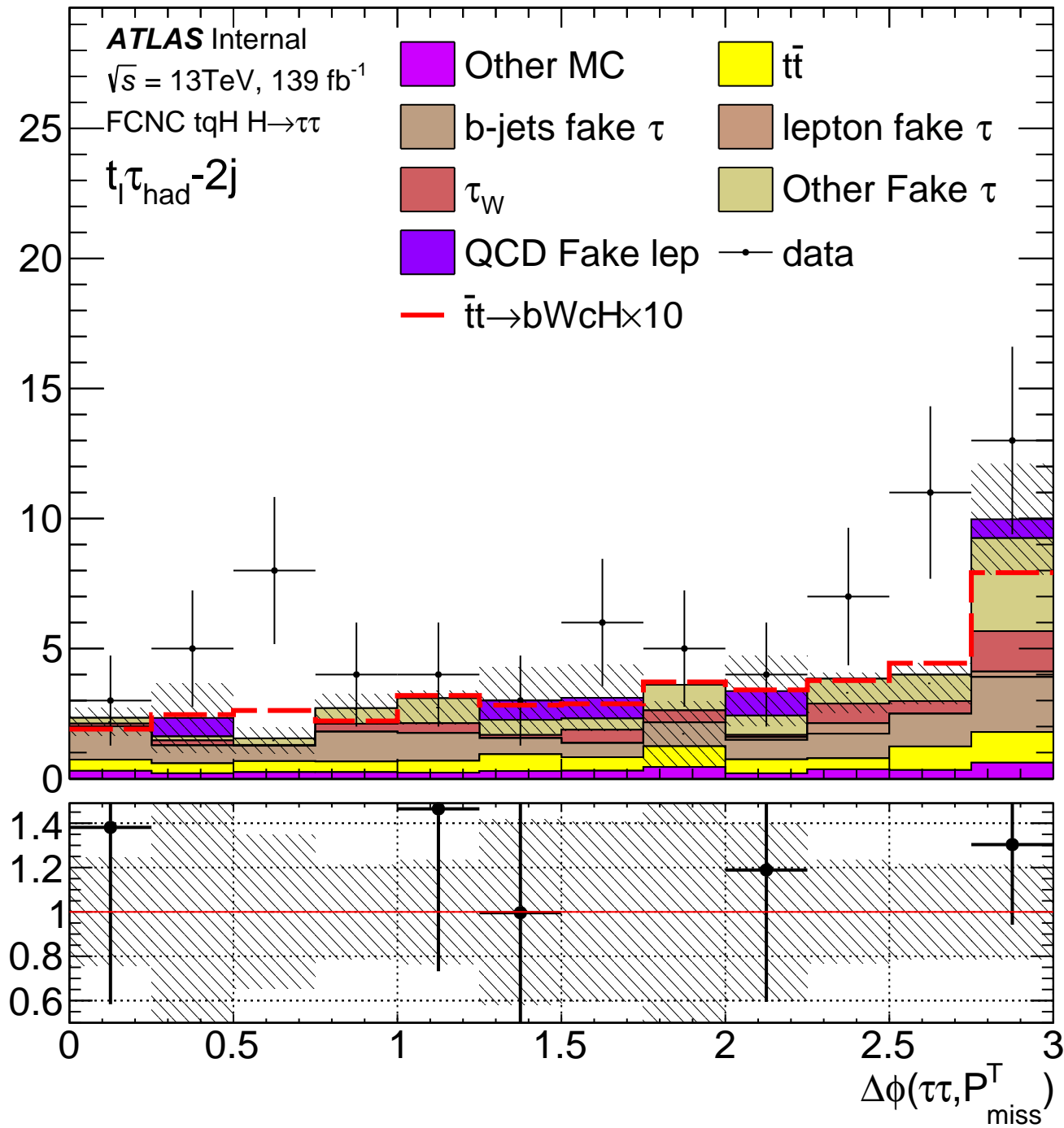
$t\bar{t}$

lepton fake τ

Other Fake τ

data

Data/Bkg



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FCNC $t\bar{q}H \rightarrow \tau\tau$ $t_l\tau_{\text{had}}-2j$

Other MC

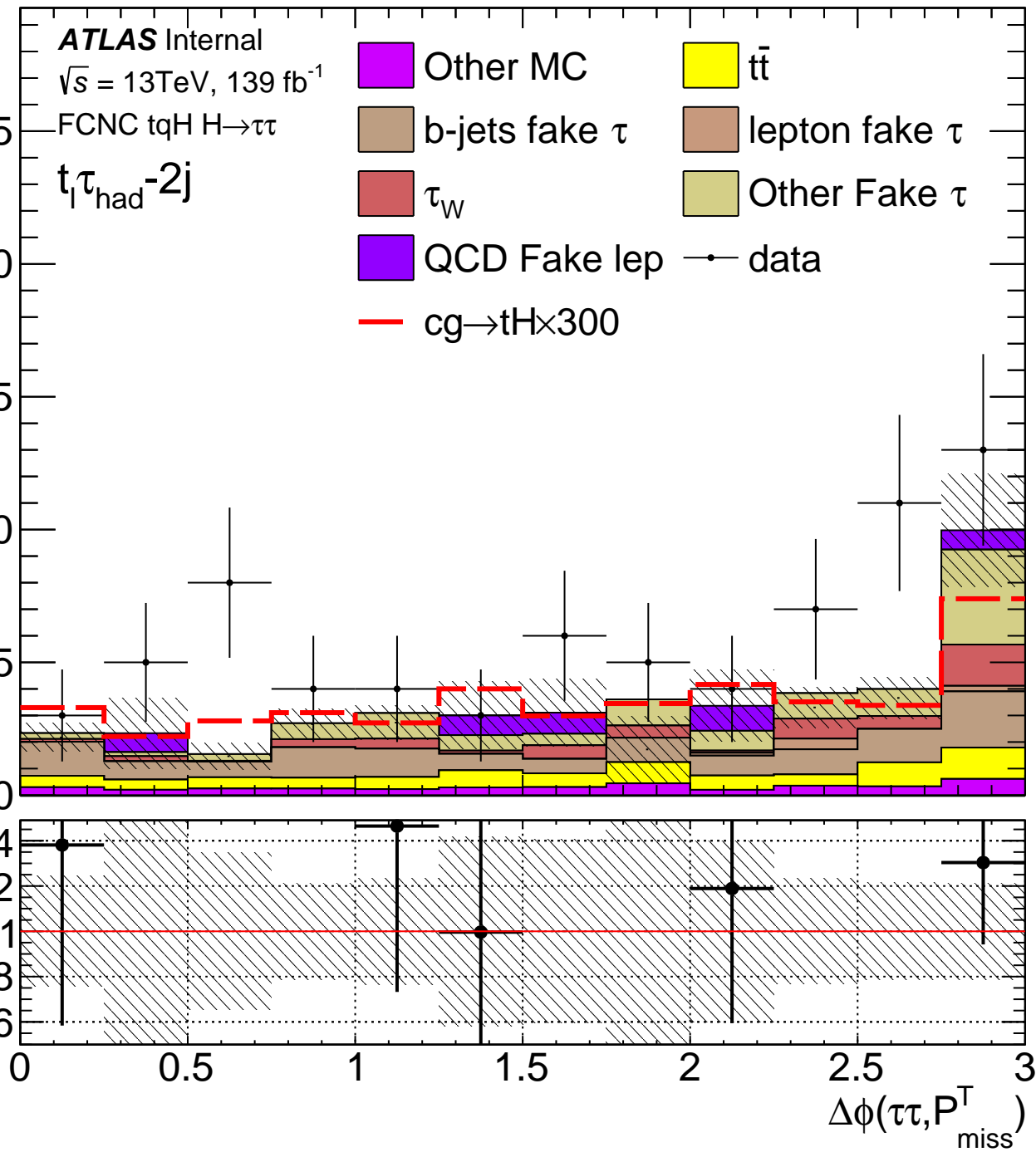
b-jets fake τ τ_W

QCD Fake lep

cg $\rightarrow tH\times 300$ $t\bar{t}$ lepton fake τ Other Fake τ

data

Data/Bkg



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QCD Fake lep

$u\bar{g} \rightarrow t\bar{t}H \times 50$

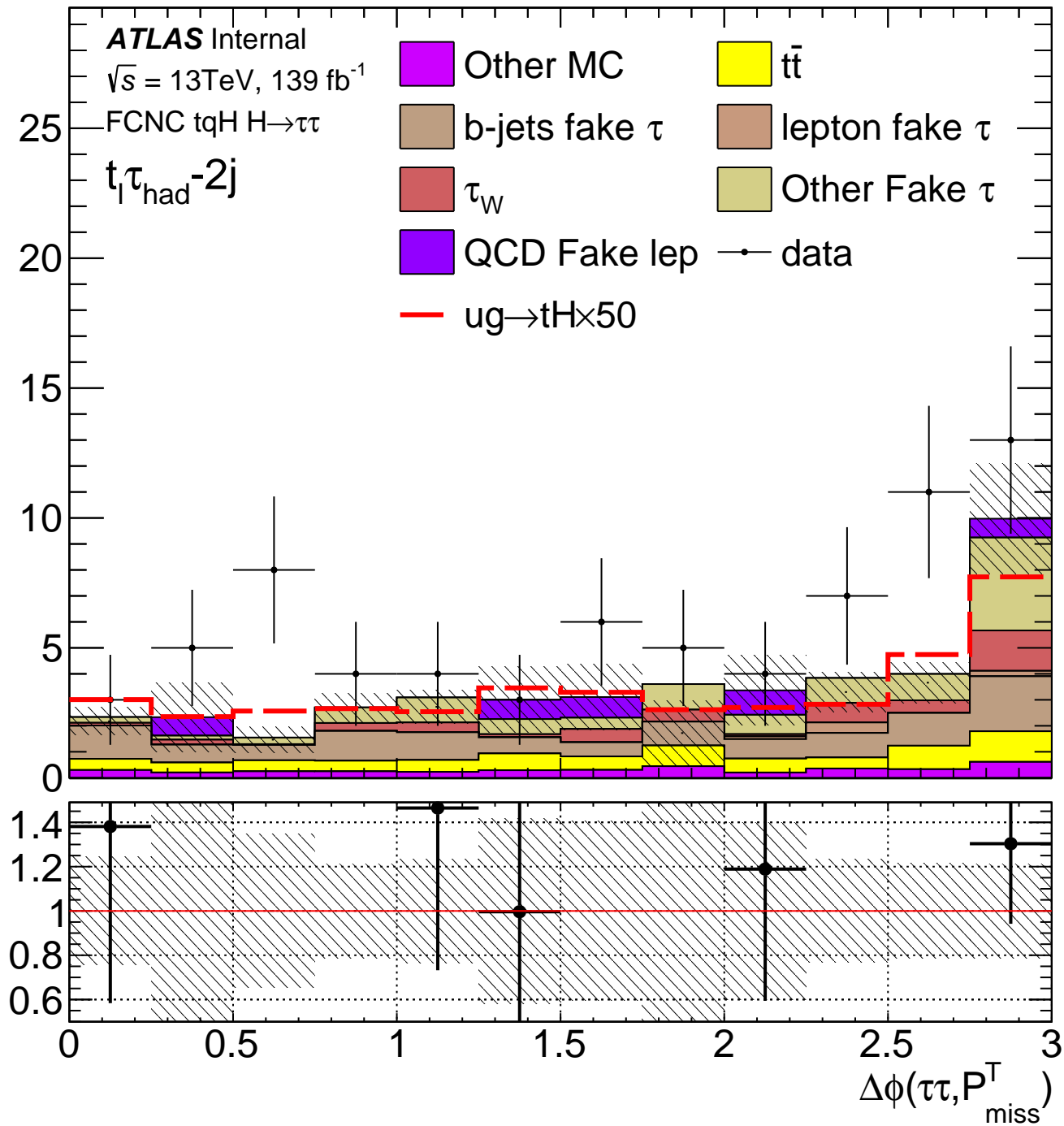
$t\bar{t}$

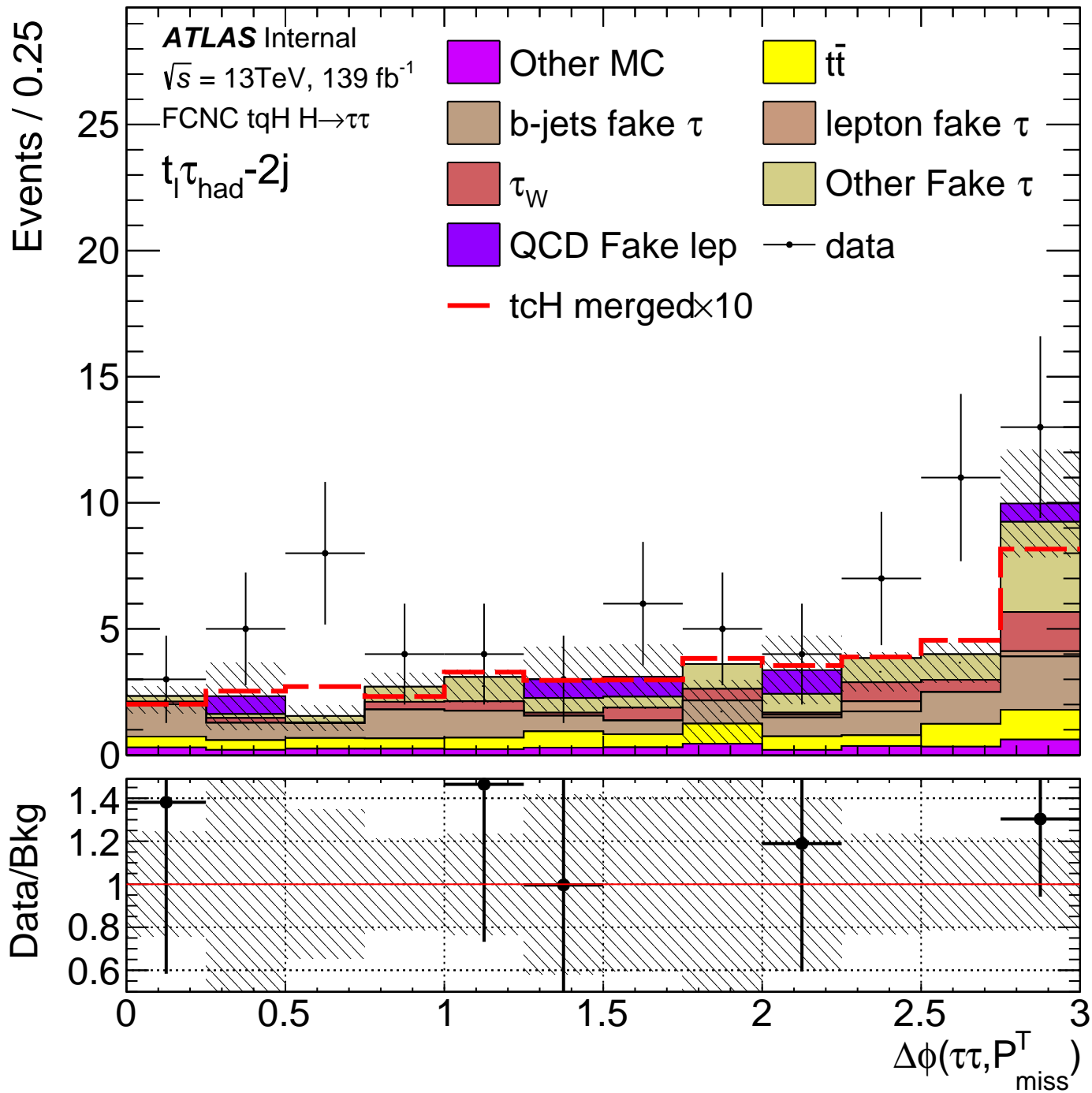
lepton fake τ

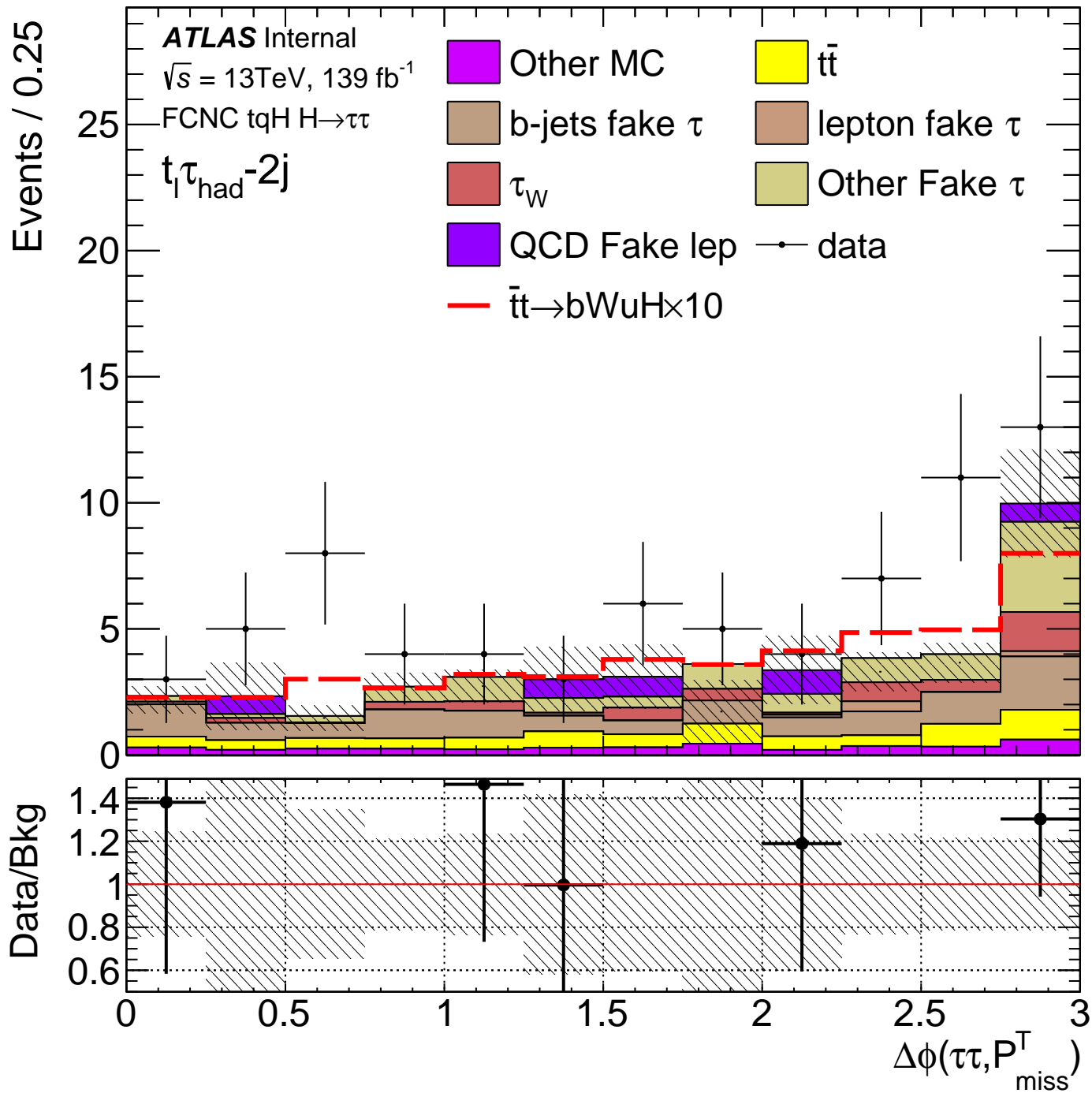
Other Fake τ

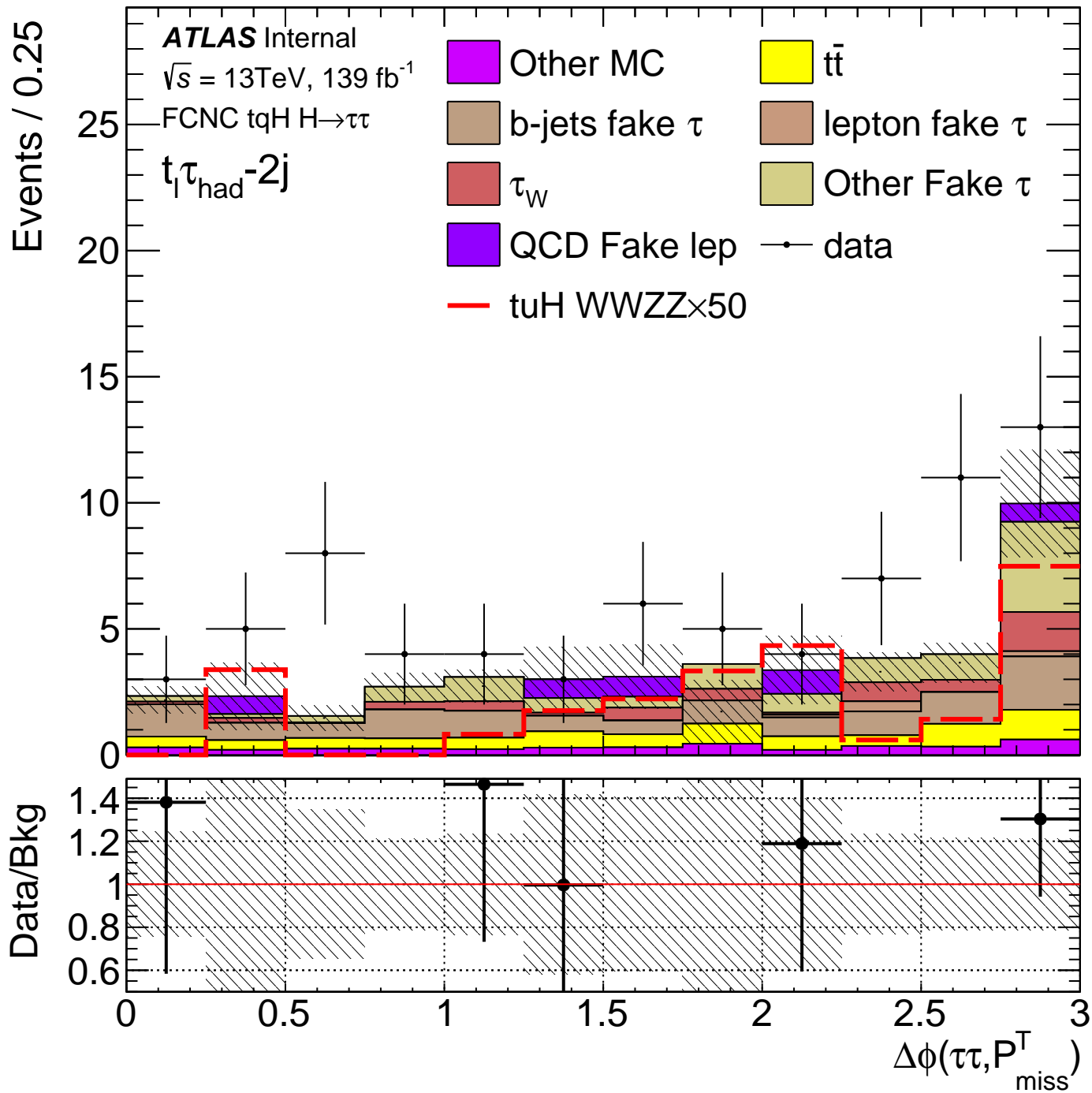
data

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Other MC

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τ_W

QCD Fake lep

tcH WWZZ $\times 70$

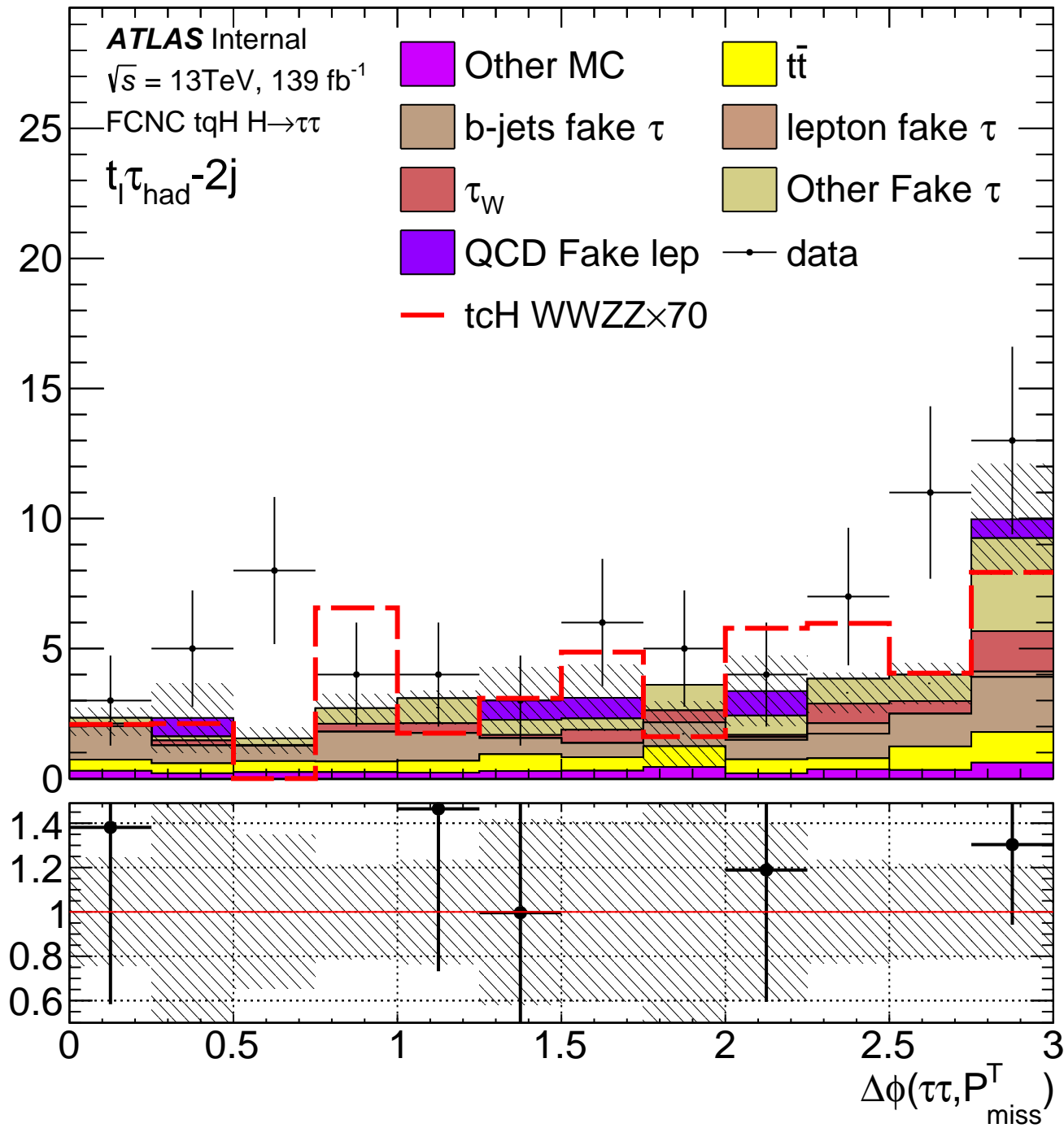
$t\bar{t}$

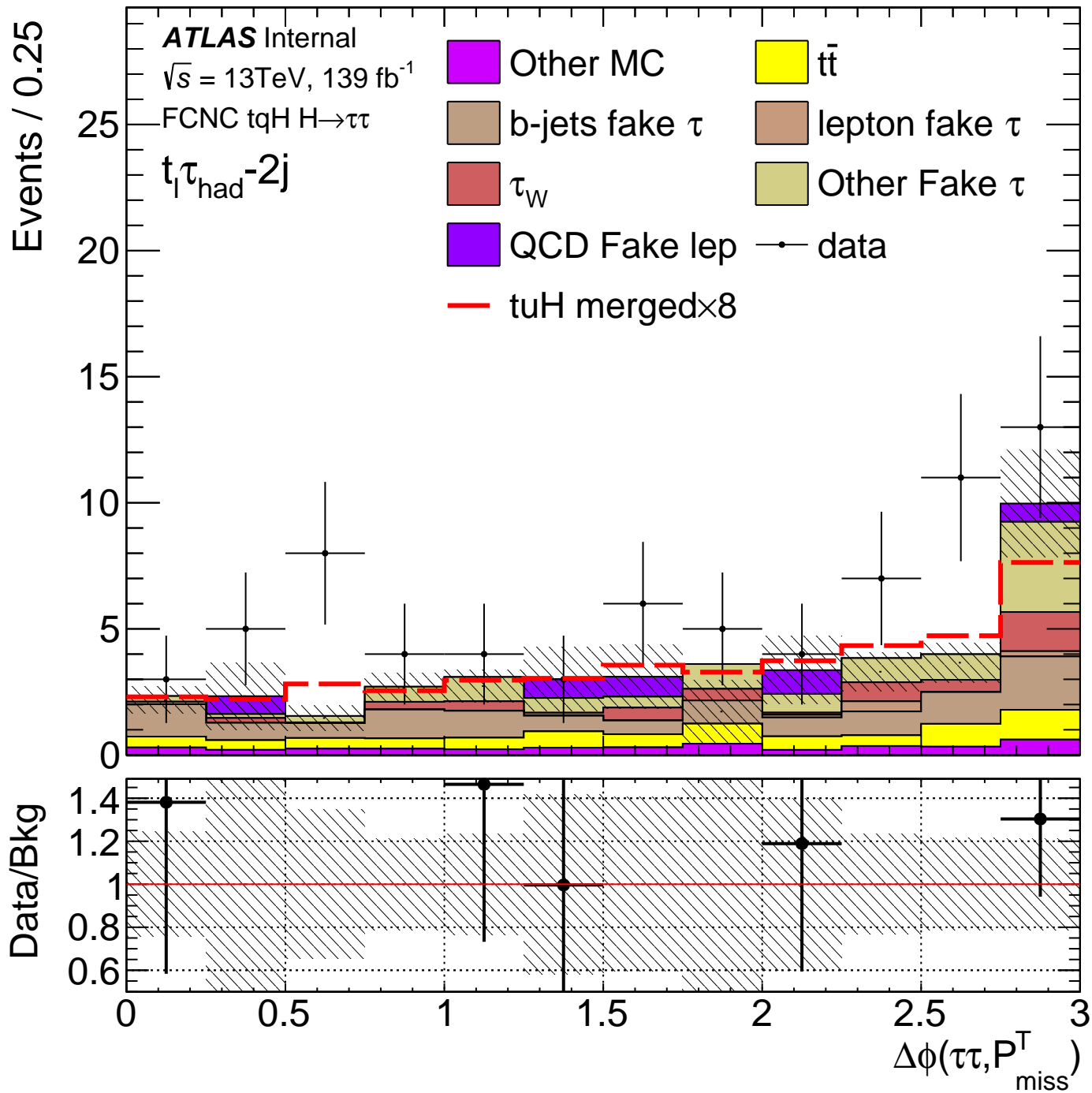
lepton fake τ

Other Fake τ

data

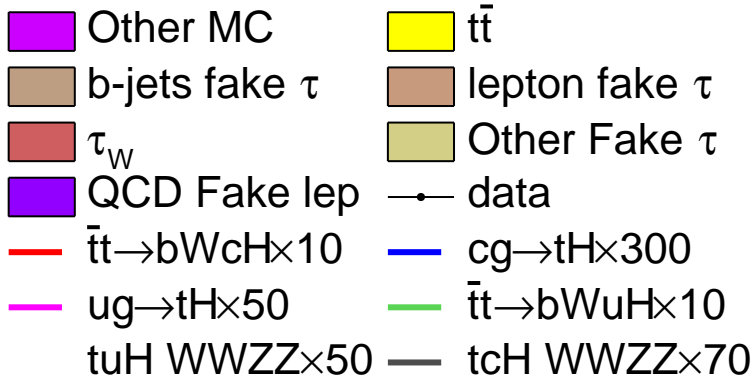
Data/Bkg





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FCNC tqH $H \rightarrow \tau\tau$
 $t_l \tau_{\text{had}} - 2j$



Data/Bkg

