

ATLAS $\sqrt{s} = 13 \text{ TeV}, 36.1 \text{ fb}^{-1}$

— total — stat. — SM exp.

total (stat. , syst.) $\tau_{\text{had}}\tau_{\text{had}}$ **2.49****+1.38**
-1.18**(+0.77 +1.14)**
(-0.74 , -0.91) $\tau_{\text{lep}}\tau_{\text{had}}$ **3.13****+1.52**
-1.33**(+0.86 +1.25)**
(-0.84 , -1.03) $\tau_{\text{lep}}\tau_{\text{lep}}$ **6.79****+2.80**
-2.79**(+1.44 +2.40)**
(-1.41 , -2.41)

Combination

3.77**+1.06**
-0.95**(+0.60 +0.87)**
(-0.59 , -0.74)

0 2 4 6 8 10 12 14 16 18 20

 $\sigma_{H \rightarrow \tau\tau}$ [pb]