Uncertainty source	$x = 0.5$ [300, 100]	$x = 0.5$ [500, 350]	$x = 0.5$ [800, 300]	$t\bar{t}$	DY+jets	Other SM	Misid. τ_h
Signal cross section	$\pm6.7\%$	$\pm7.5\%$	$\pm9.5\%$	—	—	—	—
FASTSIM p_T^{miss} resolution	$\pm7.4\%$	$\pm10\%$	$\pm5.1\%$	—	—	—	—
τ_h FASTSIM/GEANT4	$+4.4\%$ -4.3%	$+3.7\%$ -3.6%	$+7.9\%$ -7.5%	—	—	—	—
JER	-0.27% $<0.1\%$	-0.81% $<0.1\%$	$<0.1\%$ $<0.1\%$	—	$+0.47\%$ $+0.27\%$	-0.95% -0.29%	—
JES	$+0.18\%$ -0.57%	$<0.1\%$ -0.81%	$+0.1\%$ $<0.1\%$	—	$+1.1\%$ -1.7%	$+0.2\%$ -1.6%	—
μ_R and μ_F scales	$+0.6\%$ -0.7%	$+1.9\%$ -2.1%	$+0.31\%$ -0.35%	—	$+4.6\%$ -4.4%	$+3.2\%$ -2.6%	—
τ_h ID-iso	$+16\%$ -14%	$+16\%$ -14%	$+17\%$ -15%	$+16\%$ -15%	$+16\%$ -14%	$+16\%$ -14%	—
Pileup	$<0.1\%$ $<0.1\%$	$+0.25\%$ -0.18%	-0.69% $+0.68\%$	—	-0.23% $+0.24\%$	-0.88% $+0.88\%$	—
p_T^{miss} unclustered energy	-0.16% -0.78%	$+1\%$ -2%	$<0.1\%$ $<0.1\%$	—	$+7\%$ -2%	$+1.3\%$ -1.6%	—
Background normalization	—	—	—	—	$\pm15\%$	$\pm15\%$	—
Luminosity	$\pm2.4\%$	$\pm2.4\%$	$\pm2.4\%$	—	$\pm2.4\%$	$\pm2.4\%$	—
b tagging	$+1.1\%$ -1.2%	$+0.65\%$ -0.67%	$+0.73\%$ -0.75%	—	$+4.7\%$ -4.7%	$+2.4\%$ -2.4%	—
τ_h energy scale	$+2\%$ -3%	$+2.3\%$ -3.3%	$+1.1\%$ -0.9%	$+1.5\%$ -1.8%	$+1.2\%$ -1.6%	$+0.7\%$ -1.3%	—
$t\bar{t}$ SF	—	—	—	$\pm2.5\%$	—	—	—
Z p_T reweighting	—	—	—	—	$+9.1\%$ -9.1%	—	—
τ_h misid. rate (parton flavour)	—	—	—	—	—	—	$+16\%$ -17%
τ_h misid. rate (LL $\rightarrow$ TL vs. TL $\rightarrow$ TT)	—	—	—	—	—	—	$+2.7\%$ -2.5%