

Process	Generator + Parton Shower	Cross section, σ_{norm} (pb)	Order of σ_{norm} approximation
$t\bar{t}$	POWHEG + PYTHIA 8	69.5 ± 3.6	NNLO + NNLL [32,33]
t channel	POWHEG + PYTHIA 8	30.3 ± 0.6	Approximate NNLO [41]
tW	POWHEG + PYTHIA 8	6.54 ± 0.36	Approximate NNLO [42]
W +jets	MADGRAPH5_aMC@NLO + PYTHIA 8	$21\,160 \pm 330$	NNLO [QCD] + NLO [EW] [43]
DY	MADGRAPH5_aMC@NLO + PYTHIA 8	$3\,647 \pm 63$	NNLO [QCD] + NLO [EW] [43]