

Process	Cross section normalization	Event generator	Perturbative order in QCD
$t\bar{t}\gamma$	NLO	MADGRAPH5_aMC@NLO	LO
$t\bar{t}$	NNLO+NNLL [? ? ? ? ? ? ? ? ]	POWHEG	NLO
single-t (t-channel)	NLO [? ? ]	POWHEG	NLO
single-t (s-channel)	NLO [? ? ]	MADGRAPH5_aMC@NLO	NLO
$tW$	NNLO [? ]	POWHEG	NLO
Drell–Yan, $W+$ jets	NNLO [? ? ? ? ? ]	MADGRAPH5_aMC@NLO	LO
$W\gamma$	NLO	MADGRAPH5_aMC@NLO	LO
$WW$	NNLO [? ]	POWHEG	NLO
$t\gamma, Z\gamma, WZ, ZZ$ $t\bar{t}Z, t\bar{t}W, tZq$	NLO	MADGRAPH5_aMC@NLO	NLO
multijet	LO	PYTHIA	LO