

Process	Cross section normalization	Event generator	Perturbative order
$t\bar{t}$, single- t	NNLO+NNLL	POWHEG v2	NLO
tW	NNLO	POWHEG v1	NLO
$t\bar{t}H$	NLO	POWHEG v2	NLO
Drell-Yan	NNLO	MADGRAPH5_aMC@NLO	LO
$t\bar{t}Z$, $t\bar{t}W$, tZq , $t\bar{t}\gamma^{(*)}$, VVV , VV , WZ	NLO	MADGRAPH5_aMC@NLO	NLO
tHW , tHq , tWZ	LO	MADGRAPH5_aMC@NLO	LO