

Generator	Processes
MADGRAPH5_aMC@NLO	$t\bar{t}H, t\bar{t}W, t\bar{t}Z, t\bar{t} + \gamma + \text{jets}, t + \gamma + \text{jets},$ $t\bar{t}WW, WZ, WWW, WWZ, WZZ, ZZZ,$ Single top quark +Z, $t\bar{t}t\bar{t}, Z/\gamma^* \rightarrow ll, W + \text{jets}$
POWHEG	$t\bar{t}H, WW, ZZ, t\bar{t} + \text{jets},$ single top quark
PYTHIA	Minimum bias events