

generator	PDF	matrix element	tune
PYTHIA 8 [21]	NNPDF 2.3 (LO) [23]	LO $2 \rightarrow 2$	CUETP8M1 [22]
MADGRAPH+PY8 [4]	NNPDF 2.3 (LO) [23]	LO $2 \rightarrow 2, 3, 4$	CUETP8M1 [22]
HERWIG++ [24]	CTEQ6L1 (LO) [25]	LO $2 \rightarrow 2$	CUETHppS1 [22]
MG5_AMC+PY8 ( <i>jj</i> )	NNPDF 3.0 (NLO) [27]	NLO $2 \rightarrow 2$	CUETP8M1 [22]
MG5_AMC+CA3 ( <i>jj</i> )	PB set 2 (NLO) [1]	NLO $2 \rightarrow 2$	–
MG5_AMC+CA3 ( <i>jjj</i> )	PB set 2 (NLO) [1]	NLO $2 \rightarrow 3$	–