

Generator	PDF	Matrix element	Tune
MG5_AMC+PY8 ($\leq 2j$ NLO) [37]	NNPDF3.0 (NLO) [43]	NLO ($2 \rightarrow Z+0,1,2$)	CUETP8M1 [44]
MG5_AMC+PY8 ($\leq 4j$ LO) [53,37]	NNPDF2.3 (LO) [48]	LO ($2 \rightarrow Z+0,1,2,3,4$)	CUETP8M1 [44]
MG5_AMC+CA3 ($Z+1$ NLO) [37]	PB NLO set2 (NLO) [20]	NLO ($2 \rightarrow Z+1$)	—
MG5_AMC+CA3 ($Z+2$ NLO) [37]	PB NLO set2 (NLO) [20]	NLO ($2 \rightarrow Z+2$)	—
MG5_AMC+CA3 ($Z \leq 3j$ LO) [37,51]	PB NLO set2 (NLO) [20]	LO ($2 \rightarrow Z+0,1,2,3$)	—
GENEVA ($Z+0$ NNLO) [22,23,24,25]	NNPDF3.1 (NLO) [54]	NNLO ($2 \rightarrow Z$)	CUETP8M1 [44]