

generator	PDF	matrix element	tune
PYTHIA 8 [30–32]	NNPDF 2.3 [33]	LO 2 \rightarrow 2	CUETP8M1 [34]
MADGRAPH [34–36]	NNPDF 2.3 [33]	LO 2 \rightarrow 2, 3, 4	CUETP8M1 [34]
HERWIG++ [37]	CTEQ6L1 [38]	LO 2 \rightarrow 2	CUETHppS1 [34]