

Parameter	HERWIG 7 configuration parameter	Range
$p_{\perp,0}^{\min}$ (GeV)	/Herwig/UnderlyingEvent/MPIHandler:pTmin0	1.0–5.0
$b$	/Herwig/UnderlyingEvent/MPIHandler:Power	0.1–0.5
$\mu^2$ (GeV <sup>-2</sup> )	/Herwig/UnderlyingEvent/MPIHandler:InvRadius	0.5–2.7
$p_{\text{reco}}$	/Herwig/Hadronization/ColourReconnector:ReconnectionProbability	0.05–0.90