

Parameter description	Name in PYTHIA8	Range considered
MPI threshold [GeV], <code>pT0Ref</code> , at $\sqrt{s} = \sqrt{s_0}$	<code>MultipartonInteractions:pT0Ref</code>	1.0–3.0
Exponent of $\sqrt{s}$ dependence, $\epsilon$	<code>MultipartonInteractions:ecmPow</code>	0.0–0.3
Matter fraction contained in the core	<code>MultipartonInteractions:coreFraction</code>	0.1–0.95
Radius of the core	<code>MultipartonInteractions:coreRadius</code>	0.1–0.8
Range of color reconnection probability	<code>ColorReconnection:range</code>	1.0–9.0