

PYTHIA8 parameter	Min–Max
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MPI parameters

MultipartonInteractions:pT0Ref	1.0 – 3.0
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MultipartonInteractions:ecmPow	0.0 – 0.3
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MultipartonInteractions:coreRadius	0.2 – 0.8
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MultipartonInteractions:coreFraction	0.2 – 0.8
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QCD-inspired

ColourReconnection:m0	0.1 – 4.0
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ColourReconnection:junctionCorrection	0.01– 10
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ColourReconnection:timeDilationPar	0 – 60
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Gluon-move model

ColourReconnection:m2lambda	0.2 – 8.0
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ColourReconnection:fracGluon	0.8 – 1.0
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