PYTHIA8 Parameter	CP1 Up	CP1 Down	CP2 Up	CP2 Down
MultipartonInteractions:pT0Ref [GeV]	2.30	2.40	2.34	2.33
MultipartonInteractions:ecmPow	0.15	0.15	0.14	0.14
MultipartonInteractions:coreFraction	0.51	0.39	0.51	0.23
MultipartonInteractions:coreRadius	0.58	0.60	0.41	0.34
ColourReconnection:range	8.31	8.50	1.46	2.56