

PYTHIA8 Parameter	Tuning Range	Tune 4C	CUETP8S1	CUETP8S1
PDF	—	CTEQ6L1	CTEQ6L1	HERAPDF1.5LO
MultipartonInteractions:pT0Ref [GeV]	1.0–3.0	2.085	2.101	2.000
MultipartonInteractions:ecmPow	0.0–0.4	0.19	0.211	0.250
MultipartonInteractions:expPow	0.4–10.0	2.0	1.609	1.691
ColourReconnection:range	0.0–9.0	1.5	3.313	6.096
MultipartonInteractions:ecmRef [GeV]	—	1800	1800*	1800*
χ^2/dof	—	—	0.952	1.13

* Fixed at Tune 4C value.