

PYTHIA8 Parameter	Tuning Range	Monash	CUETP8M1
PDF	—	NNPDF2.3LO	NNPDF2.3LO
MultipartonInteractions:pT0Ref [GeV]	1.0–3.0	2.280	2.402
MultipartonInteractions:ecmPow	0.0–0.4	0.215	0.252
MultipartonInteractions:expPow	—	1.85	1.6*
ColourReconnection:range	—	1.80	1.80**
MultipartonInteractions:ecmRef [GeV]	—	7000	7000**
$\chi^2/\text{dof}$	—	—	1.54

\* Fixed at CUETP8S1-CTEQ6L1 value.

\*\* Fixed at Monash Tune value.