PYTHIA parameter	CP3	CP4	CP5
PDF Set	NNPDF3.1 NLO	NNPDF3.1 NNLO	NNPDF3.1 NNLO
$\alpha_S(M_Z)$	0.118	0.118	0.118
SPACESHOWER:RAPIDITYORDER	off	off	on
MULTIPARTONINTERACTIONS:ECMREF [GeV]	7000	7000	7000
α_S^{ISR} value/order	0.118/NLO	0.118/NLO	0.118/NLO
α_S^{FSR} value/order	0.118/NLO	0.118/NLO	0.118/NLO
α_S^{MPI} value/order	0.118/NLO	0.118/NLO	0.118/NLO
α_S^{ME} value/order	0.118/NLO	0.118/NLO	0.118/NLO
MULTIPARTONINTERACTIONS:PT0REF [GeV]	1.516	1.483	1.41
MULTIPARTONINTERACTIONS:ECMPOW	0.02266	0.02012	0.03344
MULTIPARTONINTERACTIONS:CORERADIUS	0.5396	0.5971	0.7634
MULTIPARTONINTERACTIONS:COREFRACTION	0.3869	0.3053	0.63
COLORRECONNECTION:RANGE	4.727	5.613	5.176
χ^2/dof	0.759	0.803	1.04