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## Cross Section Predictions of W/Z + Jets at LHC

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Cross section predictions of W and Z bosons in association with jets (up to 6 jets) are presented using Alpgen MC generator with CTEQ6L1, a leading order parton distribution function (PDF). This study has been performed at center of mass energies of  $\sqrt{s} = 7, 8, 13, 14$  TeV. To validate the results, a detailed comparison of cross section predictions is performed with the measured results by CMS and ATLAS collaborations. In addition, NLO QCD predictions are performed up to 2 jets using MCFM-8.0 MC generator.

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