

NNLO QCD fits to extract PDFs from HERA inclusive and jet data

NNLO predictions for jet production in Deep Inelastic Scattering have recently become available. These are used to extend the QCD HERAPDF2.0Jets fits, that were made to extract PDFs from inclusive HERA data and HERA jet data, from NLO to NNLO. In addition new jet data sets have become available since the publication of HERAPDF2.0 and these are also considered. A simultaneous fit to these data to extract PDFs and α_s results in a new NNLO determination of $\alpha_s(M_Z)$.

Secondary track (number)

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