

Heavy flavors in global analyses of parton distribution functions of the proton

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We discuss heavy-flavor production in modern global QCD analyses to determine the structure of the proton. We discuss new factorization schemes in presence of heavy quarks in proton-proton collisions, as well as the impact of the latest charm and bottom production at HERA and top-quark pair production at the LHC on recent PDF analyses from CTEQ.

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