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Impact of heavy-quark production measurements on PDFs in the CT18 global QCD analysis

We discuss the impact of heavy-flavor production data on the CT18 PDFs family.
In particular, we discuss the impact on the CT18 global analysis of the latest charm and bottom production measurements from the H1 and ZEUS collaborations and the differential top-quark pair production cross section measurements from CMS and ATLAS.
We discuss tensions and interplays between heavy-quark observables in the global fit and the different pulls on the CT18 gluon.

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