

# Heavy quarks and quarkonia production in high-energy experiments

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Data collected at LHC have extended the observable kinematical range for the production of quarkonia and open charm/beauty hadrons, and made possible the study of associated production of quarkonium pairs and of heavy quarks together with W, Z, or jets. The measurements have tested QCD based predictions and provided constraints for parton distribution functions. The talk will review and discuss the most recent and relevant results.

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