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## 13 TeV Production results with LHCb

The LHC's proton-proton collisions at an unprecedented energy of 13 TeV open a new era in searches for new particles and precision tests of the Standard Model. The measurements of heavy flavour production can be used to precisely test the knowledge of Quantum Chromodynamics (QCD), ascertain the future sensitivity of LHCb analyses at 13 TeV and quantify SM backgrounds in new physics searches. Using the very first proton-proton collision data of the LHC run II, LHCb performed cross-section measurements of heavy boson, quarkonia, beauty and charm productions as a function of transverse momentum and rapidity within the LHCb acceptance. In this talk, the recent LHCb production results at 13 TeV are presented.

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