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## Charm and beauty production at LHCb

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The LHCb experiment has accumulated more than  $3 \text{ fb}^{-1}$  of data in proton-proton collisions data at different centre of mass energies, collecting a sample rich in charm and beauty hadrons.

Studies of the production of these states provide a wealth of new measurements as well as probes of theory predictions. We will present studies of charm and beauty production including measurements of the properties of the produced hadrons

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