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Hadronization of heavy b quarks at LHCb

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The differences in hadron chemistry observed at e+e- machines versus hadron colliders indicates that the mechanisms by which partons evolve into visible matter are not universal. In particular, the presence of many other quarks produced in the underlying event may allow new hadron production mechanisms to come into play. With full particle ID, precision vertexing, and a high rate DAQ, the LHCb detector is uniquely well suited to study heavy quarks. This contribution will present recent LHCb data on the production rates of various hadrons containing heavy bottom quarks, and discuss how this data affects our understanding of the hadronization process.

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