

10th International Conference on Hard and Electromagnetic Probes of High-Energy Nuclear Collisions



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Type: Oral Presentation

Quarkonia production in pPb collisions

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We present LHCb results on quarkonia production in proton-lead collisions, using the data collected in 2016 at $\sqrt{s_{NN}} = 8.16$ TeV. Measurements are performed in the forward rapidity region (pseudorapidity between 2 and 5), covering both forward (pPb configuration) and backward (PbP configuration) rapidities. Measurements for charmonium states include prompt and from-b-decay components which are disentangled. The large increase of the data sample, with respect to the 5 TeV sample collected in 2013, allows a remarkable improvement in the accuracy of the studies of nuclear matter effects.

Collaboration (if applicable)

LHCb

Track

Heavy Flavor and Quarkonia

Contribution type

Contributed Talk

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