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Quarkonia and heavy-flavour production in heavy-ion collisions

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Abstract content

The study of open heavy-flavours and quarkonia production in heavy-ion collisions is expected to play an important role in understanding the properties of the Quark Gluon Plasma. In this talk, a review of recent experimental results on this subject is given. Particular attention is given to results that have been presented by the ALICE, ATLAS and CMS collaborations, although some results by RHIC experiments are also discussed. Finally, the prospects of measuring quarkonia signals in ultra-peripheral Pb+Pb and p+Pb collisions will be mentioned.

Summary

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