

Measurement of bottomonium production in p+Pb and pp collisions at 5 TeV with ATLAS detector

The production of Upsilon in p+Pb collisions is a key ingredient for understanding 'cold' nuclear effects, relevant both for nuclear PDF studies as well as 'hot' nuclear matter studies. The ATLAS experiment has measured the Upsilon in its ground and excited states via the dimuon decay channel using 28 nb⁻¹ of p+Pb data at the center-of-mass energy of 5.02 TeV, and 25 pb⁻¹ of pp data. The measurement methods and results will be presented.

Preferred Track

Quarkonia

Collaboration

ATLAS

Primary author: CHEN, Jing (University of Science and Technology of China (CN))

Presenter: CHEN, Jing (University of Science and Technology of China (CN))

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