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Quarkonium Production at ATLAS (15' + 5')

Thursday 9 June 2011 14:50 (20 minutes)

The production of quarkonium is an important testing ground for QCD calculations. The fraction of J/ψ mesons produced from B-hadron decays was measured by the ATLAS experiment and the prompt and non-prompt differential J/ψ production cross-sections determined. The cross-section values extracted from data are compared to predictions from next-to-leading order QCD calculations. Results for heavier quarkonia will also be shown.

Presenter: REEVES, Kendall (University of Texas at Dallas)

Session Classification: 4C Parallel - B, charm and onia