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## ATLAS Quarkonium Production Measurements

The production of Quarkonium is an important testing ground for QCD calculations. The  $J/\psi$  and  $\Upsilon(nS)$  production cross-sections are measured in LHC Run1 and Run2 using proton-proton collisions collected at the ATLAS detector. Differential cross sections as a function of transverse momentum and rapidity have been measured. Results are compared to QCD predictions.

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