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Properties of b-hadrons with ATLAS

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ATLAS has performed searches and accurate measurement of heavy hadrons, with results including the first observation of the $\chi_{b(3P)}$ Bottomonium states and the most accurate measurement of the Λ_b lifetime. New results in this program are discussed, including searches for excited b-hadrons, and the study of parity violation in the decay Λ_b into Λ and J/ψ .

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