

ATLAS results on charmonium production, B_c production and exotic heavy hadrons

Content

Recent results from the ATLAS experiment on the charmonium production, B_c production and exotic heavy hadrons will be presented. The measurement of J/ψ and $\psi(2S)$ differential cross sections at large transverse momentum values in proton-proton collisions at 13 TeV will be reported. The measurement of the ratios of the B_c^+ and B^+ production cross sections in proton-proton collisions at 8 TeV will be discussed. Studies of the Pentaquarks with hidden charm in the Λ_b decays in proton-proton collisions at 7 - 8 TeV will also be reported.

Summary

Primary author(s) : ENARI, Yuji (ICEPP, the University of Tokyo)

Presenter(s) : ENARI, Yuji (ICEPP, the University of Tokyo)