

Highlights of top-quark production measurements at ATLAS

Tuesday, 16 July 2019 14:50 (20 minutes)

Measurements of inclusive and differential cross-sections of top-quark production in proton-proton collisions at centre-of-mass energy of 13 TeV with the ATLAS detector at the Large Hadron Collider are presented. Single top-quark and top-quark pair final states as well as top-quark production in association with heavy flavor jets, vector bosons and a photon are discussed. The measurements reach high precision and are compared to the most precise available theoretical calculations.

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Session Classification: Heavy Quarks/Top

Track Classification: Heavy Flavor/Top