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Highlights of top quark measurements in hadronic final states at ATLAS

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Content

Measurements of inclusive and differential top-quark production cross-sections in hadronic final states, including hadronic tau decays, in proton-proton collisions with the ATLAS detector at the Large Hadron Collider are presented at center of mass energies of 7, 8 and 13 TeV. The inclusive cross-section measurements reach high precision and are compared to other decay modes and the best available theoretical calculations. Differential measurements of the kinematic properties of top quark events are also discussed. These measurements use boosted top quarks, probing our understanding of top quark production in the TeV regime.

Session

Hadronic final states in high p_T interactions

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