

Phenomenology 2020 Symposium



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Recent $t\bar{t}$ and single top inclusive and differential cross sections results in CMS

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Latest results on inclusive and differential top quark pair and single top quark production cross sections are presented using collision data collected by CMS. In different kinematic regimes, the differential cross sections are measured as a function of various observables of the top quarks and the jets and leptons of the event final state. The results are confronted with precise theory calculations. The single top quark analyses investigate separately the production of top quarks via t-channel exchange, via associated production with a W boson (tW), and via the s-channel.

Summary

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