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Measurement of the top quark mass (ATLAS)

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We present measurements of the top - quark mass in proton - proton collisions at 7 TeV with the ATLAS detector at the Large Hadron Collider. The top mass is determined by making use of a two - dimensional template method in the single lepton channel, and a one - dimensional template method in the all - hadronic channel. An indirect extraction of the top - quark mass from the measurement of the cross - section is also presented.

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