

Measurement of the inelastic pp Cross Section with the ATLAS detector

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Summary

Measurement of the inelastic cross-section for proton-proton collisions at centre-of-mass energy $\sqrt{s} = 7$ TeV using the ATLAS detector at the Large Hadron Collider are presented.

Events are selected by requiring hits on scintillator counters mounted in the forward region of the ATLAS detector with a dataset corresponding to an integrated luminosity of 21 ub^{-1} .

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