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Search for single production of vector-like quarks decaying into a W-boson and a b-quark at 13 TeV

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Search for singly produced vector-like quarks decaying into Wb with one lepton final states is reported using data collected by ATLAS at 13 TeV. The search employs a high-transverse momentum b-tagged jet opposite to the lepton, forward jet originating from the initial-state quark radiating off a W-boson, and no other jet activity in the central region of the detector.

Summary

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