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Comparisons of Exact Amplitude–Based Resummation Predictions and LHC Data[1] A. MUKHOPADHYAY, Baylor University, Waco, TX, USA, S.K. MAJHI, IACS, Kolkata, IN, B.F.L. WARD, Baylor University, Waco, TX, USA, S.A. YOST, The Citadel, Charleston, SC, USA — We present the current status of the comparisons with the respective data of the predictions of our approach of exact amplitude-based resummation in quantum field theory as applied to precision QCD calculations as needed for LHC physics. The agreement between the theoretical predictions and the data exhibited continues to be encouraging.

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