

B meson decays at high velocity from mNRQCD

Presenter: Alex Dougall

C. T. H. Davies, A. Dougall, K. M. Foley, G. P. Lepage

Abstract: The moving NRQCD formalism facilitates the simulation of heavy meson decays at large recoil. We present preliminary results for the energy splittings and *B* meson decay constant at large momenta for an improved mNRQCD action. We also present full results for the quark's self energy from the simplest action and discuss extensions to the improved case.