

MC@NLO for heavy quarks at HERA

Monday, April 27, 2009 10:05 AM (15 minutes)

In this talk the recently completed version of MC@NLO for heavy quarks in photoproduction will be presented. In MC@NLO the matrix element is calculated to NLO in the coupling, and then supplemented by parton showers resummed to all orders. To avoid double counting, the NLO calculation has to be matched to the parton shower. Comparisons with H1 and Zeus data will be shown.

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