

Towards a MC generator for $t\bar{t}b\bar{b}$ production at threshold

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We present a prototype version of a new, fully differential $t\bar{t}b\bar{b}$ threshold event generator based on NNLO(NNLL) QCD calculations. We will describe how the generator is structured, the use of an interpolation scheme that is the only practical solution to make it usable in terms of CPU resources, and the use of up to date methods for the inclusion of the ILC luminosity spectrum. Finally we will present preliminary comparisons with existing generators (Pandora) and future plans.

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