

Parton showers with medium-modified splitting functions

Wednesday, 1 September 2010 15:35 (40 minutes)

I will discuss the inclusion of medium-modified splitting functions, according to the BDMPS approximation, in parton shower generators. Particular care will be taken about the implementation in the HERWIG algorithm, which satisfies the angular ordering prescription. I will present results on transverse momentum, angle and energy distributions, which exhibit remarkable medium effects.

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