

The Top Mass: Interpretation and Theoretical Uncertainties

Wednesday, 6 May 2015 11:00 (1 hour)

I will talk about ways to better understand the concepts behind the Monte Carlo (MC) top mass parameter and about theoretical thoughts of how it may be related to renormalized field theory mass definitions.

The only possible way I can currently see to clarify the question in a more concrete way is by comparing hadron-level QCD calculations for observables which are highly top mass sensitive to corresponding hadron-level MC output. I might show first results for such an analysis based on event-shape distributions.

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