

XXIV International Workshop on Deep-Inelastic Scattering and Related Subjects (DIS16)



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Bottom-quark mass effects in bbH production.

Tuesday, April 12, 2016 5:50 PM (15 minutes)

After carefully explaining how fixed and variable flavour schemes arise in the context of DIS, I will discuss how one can consistently combine the merits of the two. The final matched result includes the full power corrections of the fixed-flavour scheme and resums the potentially large logs. I will then talk about the application of this approach to the case of bbH at the LHC and present a fair and thorough comparison to the other existing predictions in the literature.

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