

NNLO cross sections using the jettiness method (15+5min)

Wednesday, 2 September 2015 17:30 (20 minutes)

The calculation and phenomenology of $PP \rightarrow H+1$ jet and $PP \rightarrow V+1$ jet at NNLO will be presented. The calculations use the so-called jettiness subtraction which makes it easy to combine the 2-loop virtual corrections into MCFM by using the already build-in NLO $PP \rightarrow H+2$ parton and $PP \rightarrow V+2$ parton processes.

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