

## Gaps between jets

*Monday 6 April 2009 17:00 (15 minutes)*

We study the effects of QCD radiation on the cross section for the production of two jets with a cut on the transverse momentum of any radiation in the rapidity gap between them at the Large Hadron Collider. This process is of a great phenomenological interest on its own, and moreover it is closely related to Higgs production in WW. A deep understanding of this calculation is also very important from a more theoretical point of view because of the recent discovery of “super-leading” logarithms due to non-global effects.

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