

NNLL Electroweak Corrections to Gauge Boson Pair Production at LHC

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The high energy behaviour of electroweak corrections to gauge boson pair production at LHC is presented. Using the evolution equation approach, the logarithmically enhanced contributions up to NNLL to all order in perturbation theory are derived. On the basis of this result the two-loop NNLL for partonic and hadronic cross section are obtained. Explicit results for W -pair production are presented.

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