

Mixed QCD-EW corrections to the Drell-Yan process

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We discuss the complete computation of the mixed QCD-EW corrections to lepton-pair production via the Drell-Yan mechanism. We present results for fiducial cross sections and differential distributions to both the neutral current- and charged current- process. In particular, for the neutral current case, we report on the first result at this order that is valid in the entire region of dilepton invariant masses.

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