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Study of Drell-Yan processes in SANC.

The results of computation of one-loop electroweak (EW) corrections to the cross sections of single W and Z boson production at LHC: $pp \rightarrow W \rightarrow l \nu$, $pp \rightarrow Z \rightarrow ll$ with help of SANC Monte Carlo generators of unweighted events are presented. These calculations are combined with QCD parton showers, realized in general-purpose Monte Carlo generators Pythia8 and Herwig++, which use different approach to generating parton showers and give 2-3 % difference for corrections to certain observables. The EW corrections itself are about -2-3% for inclusive cross-sections and reach up to $\sim 10\%$ for some distributions.

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