

Simulation of the pp - scattering for the Beam-Beam Counter at SPD at NICA

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The results of the pp-scattering simulation at the total energy up to 27 GeV for the TDR version of the Beam-Beam Counter at SPD are presented. The simulation has been performed using the FTF, Pythia8 and Pluto generators under SPDRoot framework. The results have been compared with the differential cross section of the existing experimental data. The first estimations of the inclusive charged particles production asymmetries with Beam-Beam Counter have been obtained.

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