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Data Processing at the LHC. Corrections & Systematic Effects

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In experiments on colliders, there are many effects that lead to degradation of measurement accuracy. The report examines the reasons for the appearance of some of them, as well as methods for taking them into account and correcting them. The analysis of the measurement of Drell-Yan angular polarization coefficients in the CMS experiment at the LHC (SMP-23-007) is used as example.

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