

ON THE CONTRIBUTION OF STATISTICAL  
PROCESSES TO ELASTIC DIFFRACTION  
SCATTERING

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S u m m a r y

The role of statistical processes in the interpretation of experimental data for scattering of high-energy particles at large angles is investigated. We show that models for amplitudes of diffraction statistical scattering  $a_{\text{dif}}$ , chosen by us, correctly describe pp-scattering and  $|a_{\text{dif}}| \gg |a_{\text{st}}|$