

Asymmetry Measurements in the Elastic Pion-Proton Scattering at 1.94 and 2.07 GeV/c

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Latest results by the ITEP-PNPI collaboration on the asymmetry in the π^+p elastic scattering are presented. The data was obtained for the first time in the region of backward angles with low cross-section, where the predictions of the partial wave analyses are not reliable. The results at 1.94 GeV/c are in favor of the older KH80 analysis and show noticeable deviation from the latest FA06 solution by GWU group. At 2.07 GeV/c very low cross-section did not allow to achieve good accuracy. Yet the data do not follow any of the PWA predictions and definitely disagree with FA06 analysis.