

New Results on Spin Rotation Parameter A in the πp -elastic Scattering in the Resonance Region

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The talk will present new experimental data for spin rotation parameter A obtained recently by ITEP-PNPI collaboration at the ITEP accelerator. Our set of measurements was performed in carefully chosen critical points with precision sufficient for choosing the correct branches of partial wave analyses. The data for both π^+ and π^- scattering at 1.0, 1.43 and 1.62 GeV/c is included. The influence of the measurements on the baryon resonance properties is also discussed.