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Magnetic splitting of lines of Pr I

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Highlights

- The laser spectroscopy method for measuring Lande gJ factors was used for observation of Pr I spectra.
- By the use of LIF technique precise spectroscopic data have been obtained; new experimental gJ factors have been determined for 42 energy levels (19 even and 23 odd) of Pr I.
- The hfs and gJ data for Pr I levels were tested and corrected.

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