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High Precision Energy Calibration by Resonant Depolarization at VEPP-4M Collider

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At the VEPP-4M collider the record accuracy of 10^{-6} of an absolute beam energy calibration was achieved with the resonant depolarization technique in the energy range including the J/ψ , $\psi(2S)$, $\psi(3770)$ resonances as well as the tau-lepton production threshold. This report discusses the equipments, methods and results.

Summary

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