

Oral contribution

Partial wave analysis of $J/\psi \rightarrow pp\pi^0$ and measurement of $J/\psi \rightarrow pp\eta, pp\eta'$

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摘要

Based on 58 million J/ψ data collected with the BES II detector at the BEPC, Partial Wave Analysis(PWA) is performed on $J/\psi \rightarrow pp\pi^0$. The new excited baryon $N(2065)$ is confirmed. Clear signals for other N^* states are observed and the corresponding masses, widths and spin-parity are also measured. Processes such as $J/\psi \rightarrow pp\eta, pp\eta'$ are also studied and the branching ratios are measured.

关键词 [J/ψ Decays, PWA, Excited Baryon states, N\(2065\)](#)

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