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Recent Results on Two-photon Physics at BABAR

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- Recent results on two-photon physics at BABAR
Two-photon processes, studied at e^+e^- colliders via the reaction $e^+e^- \rightarrow e^+e^- \gamma\gamma \rightarrow e^+e^- \text{Pseudoscalar}$, provide an approach to a number of important QCD tests. We discuss the recent BABAR measurements of $\gamma\gamma \rightarrow \pi^0$ transition and $\gamma\gamma \rightarrow \eta_c$ transition form factors. We also report on a new measurement of the $\gamma\gamma \rightarrow \eta$ and $\gamma\gamma \rightarrow \eta'$ transition form factors for the momentum transfer range $Q^2=4-40 \text{ GeV}^2$.
- A study of charmonium produced in two-photon collisions at BaBar
We describe a detailed study of charmonium states produced in two-photon collisions and decaying to $K_S K \pi$ and $K K \pi \pi$. We present a high statistics measurement of the mass and width of the $\eta_c(2S)$ state.

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