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Study of the processes $e^+e^- \to K^+K^-\pi^+\pi^-$, $K^+K^-\eta$ with the CMD-3 detector at e^+e^- collider VEPP-2000

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Collaboration

CMD-3

Abstract content

Since December 2010 the CMD-3 detector has taken data at the electron-positron collider VEPP-2000 at Novosibirsk. The collected data sample corresponds about 60 inverse picobarn of the integrated luminosity in the c.m. energy range from 0.32 up to 2 GeV. The preliminary results for the processes $e^+e^- \to K^+K^-\pi^+\pi^-$ and $e^+e^- \to K^+K^-\eta$ are presented. The cross sections of these processes are in agreement with BaBar results, but have better accuracy. It is shown that the several intermediate states give the contribution to the cross sections.

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