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Recent results of the hadronic cross section measurement with the CMD3 detector

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Review of the recent results of hadronic cross section measurements with the CMD-3 detector at the e+e− collider VEPP-2000 is presented. The main focus is on the study of the processes with charged pions and kaons in multihadron events, which have a strong impact on the meson spectroscopy with light quarks and form factors. The exclusive K+K −(nπ) final states are the special interest since their production involves the rich intermediate dynamics that allows to test the isotopic relations and to measure their parameters. Experimental data relevant to the topic are presented in the broad energy range covered by the collider and they are compared with earlier measurements of different collaborations. The analysis is based on the integrated luminosity of about 100 pb−1 collected in runs 2011, 2012 and 2017.

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