

## 01 SPECTROSCOPY

Recent results from the KEDR detector

V. V. Anashin<sup>1</sup>, V. M. Aulchenko<sup>1,2</sup>, E. M. Baldin<sup>1,2</sup>, A. K. Barladyan<sup>1</sup>

<sup>1</sup> Budker Institute of Nuclear Physics, 11, Lavrentiev prospect, Novosibirsk, 630090, Russia

<sup>2</sup> Novosibirsk State University, 2, Pirogova street, Novosibirsk, 630090, Russia

<sup>3</sup> Novosibirsk State Technical University, 20, Karl Marx prospect, Novosibirsk, 630092, Russia

收稿日期 2010-2-5 修回日期 网络版发布日期 2010-5-5 接受日期 2010-5-5

摘要

We report results of experiments performed with the KEDR detector at the VEPP-4M  $e^+e^-$  collider. They include precise measurement of the  $D^0$  and  $D^\pm$  meson masses, determination of the  $\psi(3770)$  resonance parameters, and a search for narrow resonances in  $e^+e^-$  annihilation at center-of-mass energies between 1.85 and 3.1 GeV.

关键词 [D meson,  \$\psi\(3770\)\$ , mass, narrow resonances](#)

分类号

DOI:

通讯作者:

A. E. Blinov [A.E.Blinov@inp.nsk.su](mailto:A.E.Blinov@inp.nsk.su)

作者个人主页:

V. V. Anashin<sup>1</sup>; V. M. Aulchenko<sup>1,2</sup>; E. M. Baldin<sup>1,2</sup>; A. K. Barladyan<sup>1</sup>

### 扩展功能

本文信息

▶ [Supporting info](#)

▶ [PDF](#) (1487KB)

▶ [\[HTML全文\]](#) (OKB)

▶ [参考文献\[PDF\]](#)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [加入我的书架](#)

▶ [加入引用管理器](#)

▶ [引用本文](#)

▶ [Email Alert](#)

相关信息

▶ [本刊中 包含 “D meson,  \$\psi\(3770\)\$ , mass, narrow resonances” 的 相关文章](#)

▶ 本文作者相关文章

· [V V Anashin](#)

· [V M Aulchenko](#)

·

· [E M Baldin](#)

·

· [A K Barladyan](#)