



## ERRATUM

# Pion contribution to $K^+$ -nucleus scattering from chiral Lagrangian

To cite this article: Y. H. Tan *et al* 2002 *EPL* **59** 318

View the [article online](#) for updates and enhancements.

## You may also like

- [Neutral pion condensation and magnetic field in the chiral model](#)  
Koichi Takahashi
- [Mesonic condensation in isospin matter under rotation](#)  
Hui Zhang, , Defu Hou et al.
- [Charged pion condensation in anti-parallel electromagnetic fields and nonzero isospin density](#)  
Jingyi Chao, , Mei Huang et al.

*Europhys. Lett.*, **59** (2), p. 318 (2002)

*Erratum*

## Pion contribution to $K^+$ -nucleus scattering from chiral Lagrangian

Y. H. TAN<sup>1,2(\*)</sup>, L. LI<sup>2</sup> and P. Z. NING<sup>1,2,3(\*\*)</sup>

<sup>1</sup> *CCAST(World Laboratory) - P.O. Box 8730, Beijing 100080, PRC*

<sup>2</sup> *Department of Physics, Nankai University - Tianjin 300071, PRC*

<sup>3</sup> *Institute of Theoretical Physics - Beijing 100080, PRC*

(*Europhys. Lett.*, **58** (2), pp. 202–208 (2002))

PACS. 24.10.Jv – Relativistic models.

PACS. 25.45.De – Elastic and inelastic scattering.

In our paper, eq. (9), quoted from [1] and describing the unitary relation, wrote:

$$\text{Im } t_l^I = \frac{2q}{\sqrt{s}} |t_l^I|. \quad (9)$$

Unfortunately, square was missing from the absolute value of  $t$ . In fact, the correct equation should read

$$\text{Im } t_l^I = \frac{2q}{\sqrt{s}} |t_l^I|^2.$$

As a consequence, some development and eq. (11) are wrong. The results of our paper relating with eq. (11) are wrong.

### REFERENCES

- [1] ROESSL A., *Nucl. Phys. B*, **555** (1999) 507.

---

(\*) E-mail: [tanchunhu@eyou.com](mailto:tanchunhu@eyou.com)

(\*\*) E-mail: [ningpz@nankai.edu.cn](mailto:ningpz@nankai.edu.cn)