

SEMINÁŘ OTF

PETR BYDŽOVSKÝ

(OTF ÚJF AVČR, ŘEŽ)

Electromagnetic Production of Kaons

Abstrakt

The isobar models for the photo- and electroproduction of kaons on nucleons will be discussed in the energy region from the threshold up to 3 GeV. Reliable description of the process, especially at small kaon angles, is necessary for successful predictions of the cross sections for the kaon production on nuclei, e.g. the electroproduction of hypernuclei.

The models for the elementary process will be used on the calculation of the cross sections for the photo-production of neutral kaons on deuteron. The results will be compared with the recent experimental data and some basic properties of the amplitude for the photo-production of neutral kaons on neutron will be shown.

**Seminář se koná v pátek 13. 2. 2009 v 10:30 hod.
v zasedací místnosti ÚJF Řež**

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