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Photoproduction of K*Sigma in an effective Lagrangian approach

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We analyze all the available data on differential cross sections, total cross sections, and K^* spin density matrix elements for $K^{*+}\Sigma^0$ and $K^{*0}\Sigma^+$ photoproduction off proton in an effective Lagrangian approach. The data are well reproduced, and the contributions from the s-channel nucleon resonance and t-channel κ meson exchange diagrams are discussed.

Parallel Session

Hadron Spectroscopy

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