

Abstract Submitted
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Photo-production of $\Sigma^{*+}(1385)$ with CLAS GAGIK GAVALIAN, MOSKOV AMARYAN, Old Dominion University — The differential cross section of $\Sigma^{*+}(1385)$ was measured using high statistics CLAS experiment. The angular dependence of the cross section was measured for the $\cos\Theta_{c.m.}^{K^0}$ for 50 *MeV* energy bins in the photon energy. The data allowed the cross section extraction in the energy range $1.7 \text{ GeV} < E_\gamma < 2.2 \text{ GeV}$ in 15 center of mass angle bins. The extracted cross sections exhibit large deviation from *t*-channel production near threshold, suggesting a large contribution from the *s*-channel resonances.

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