

Abstract Submitted
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$K^+\Sigma^0$ Photo-production at CLAS, Jefferson Laboratory BIPLAB DEY, Carnegie Mellon University — Preliminary differential cross sections and recoil polarizations in $K^+\Sigma^0$ photo-production in the *g11a* dataset measured by the CLAS detector at Jefferson Laboratory will be presented. The measurements represent both a wider energy range ($1.8 \text{ GeV} \leq \sqrt{s} \leq 2.84 \text{ GeV}$) and higher statistics than previous CLAS and SAPHIR measurements. Prospects of a Partial Wave Analysis on these new measurements searching for missing baryon resonances will also be mentioned.

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