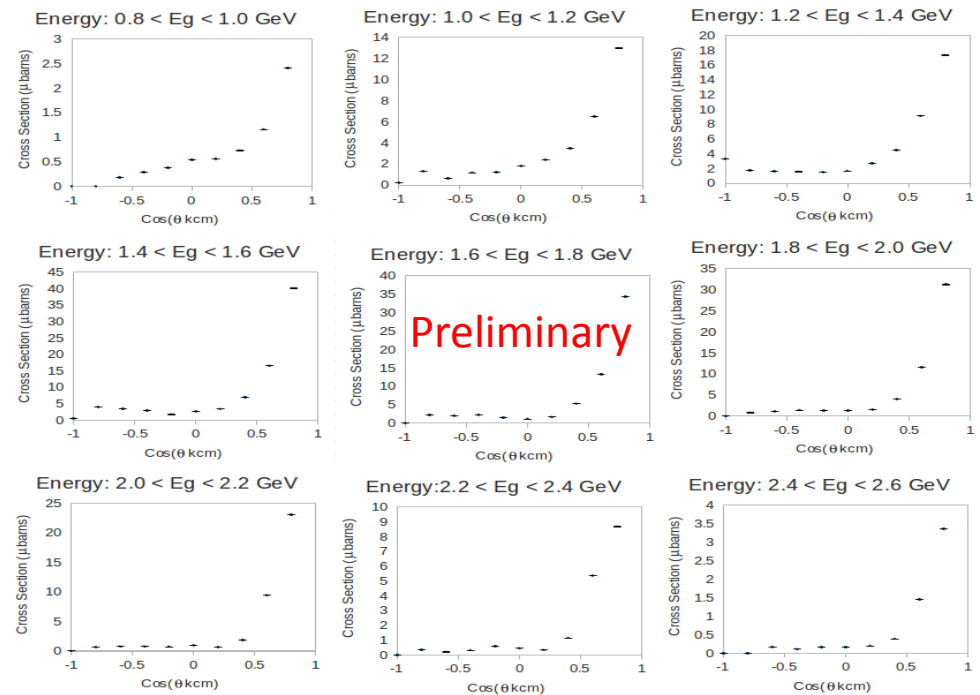
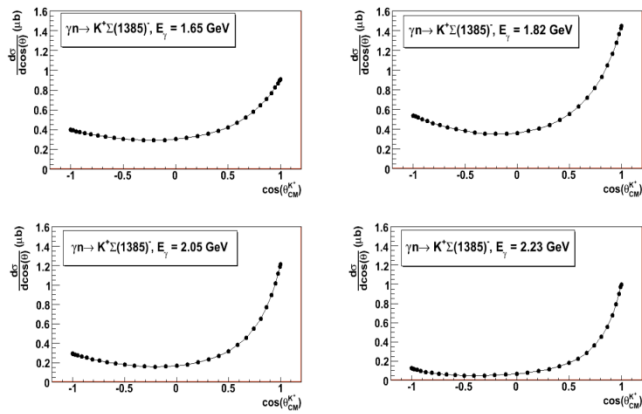


$K_S\Lambda$ Differential Cross Sections

- Currently there are no published predictions or measurements on the differential cross sections of the $\gamma n \rightarrow K_S\Lambda$ reaction
- The scattering angle of the kaon is used in the calculation
- Initial results show a t-channel dominate effect
- The s-channel effects are non-negligible, with effects being on the same order of magnitude.
- The predicted differential cross section for a similar reaction: $\gamma n \rightarrow K^+\Sigma$



Y. Oh, KyungPook National University, Private Communication (2009)

Note: Simulated Acceptances are still being evaluated and the systematic uncertainties are still being determined