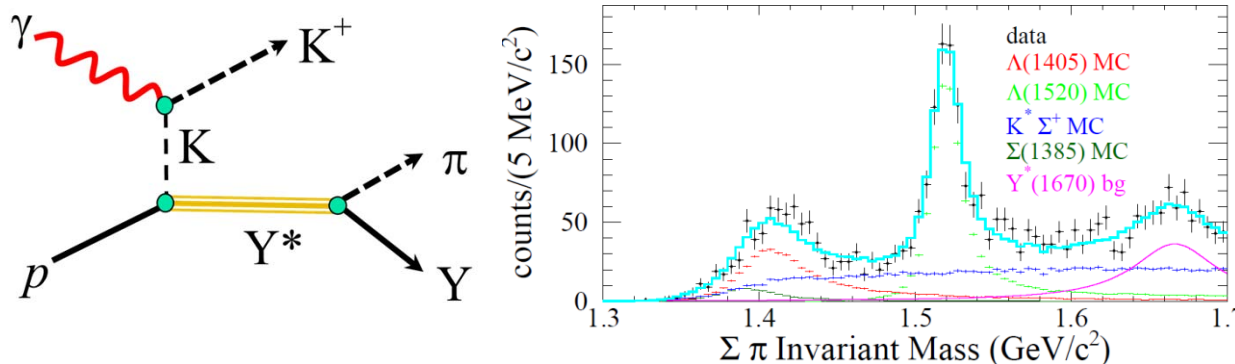


Photoproduction Cross Sections of the Excited Hyperons

K. Moriya, R. A. Schumacher *et al.* (CLAS Collaboration), *Differential photoproduction cross sections of the $\Sigma^0(1385)$, the $\Lambda(1405)$, and the $\Lambda(1520)$* , Physical Review C **88**, 045201 (2013).



- $\gamma + p \rightarrow K^+ + Y^*$
- Data: CLAS g11a data
 - First-available comparison of five hyperon states
 - $\Lambda(1405)$ is different from the others
 - $\Sigma\pi$ decay modes all unique \rightarrow isospin effects
- Theory: effective Lagrangian models
 - Links to low-energy QCD and quark models

