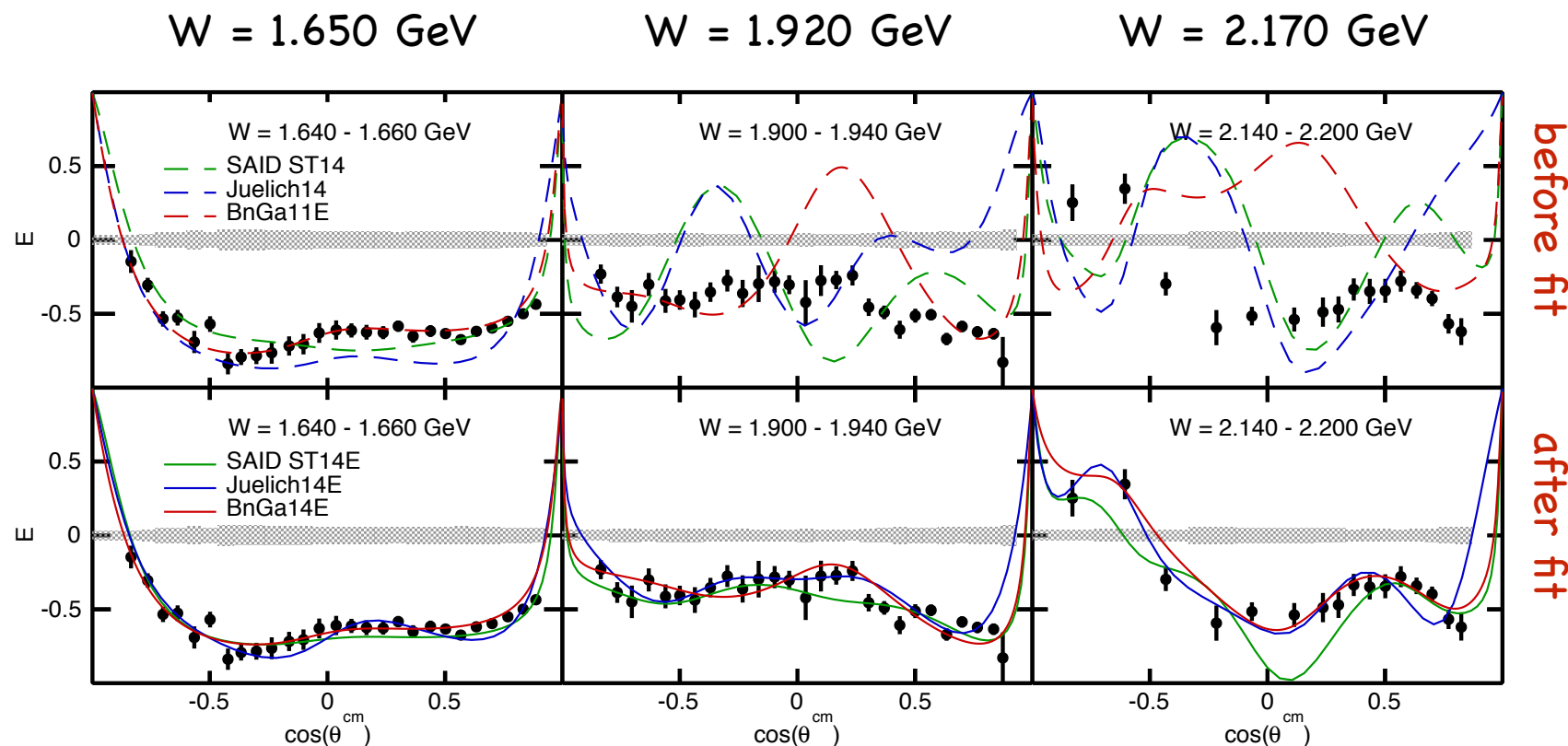


Selected results of FROST Experiment $\vec{\gamma}\vec{p} \rightarrow \pi^+n$



- FROST experiment produced 900 data points of the **double-polarization observable E** in π^+ photoproduction with circularly polarized beam on longitudinally polarized protons for $W = 1240 - 2260$ MeV.
- Significant improvements of the description of the data in SAID, Jülich, and BnGa partial-wave analyses after fitting.
- **New evidence found in this data for a $\Delta(2200)7/2^-$ resonance (BnGa analysis).**