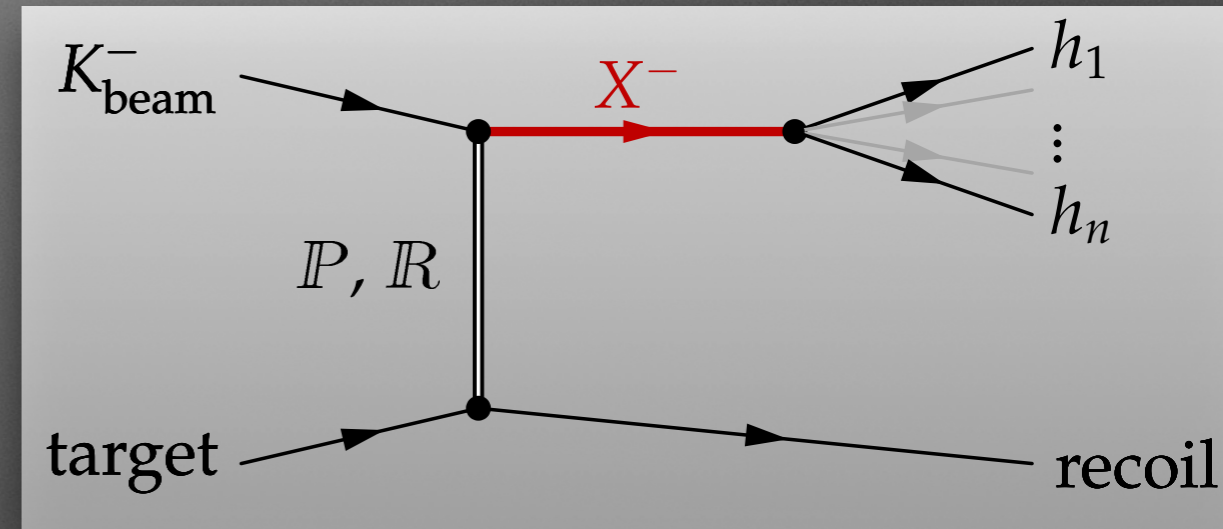


Round-table discussion

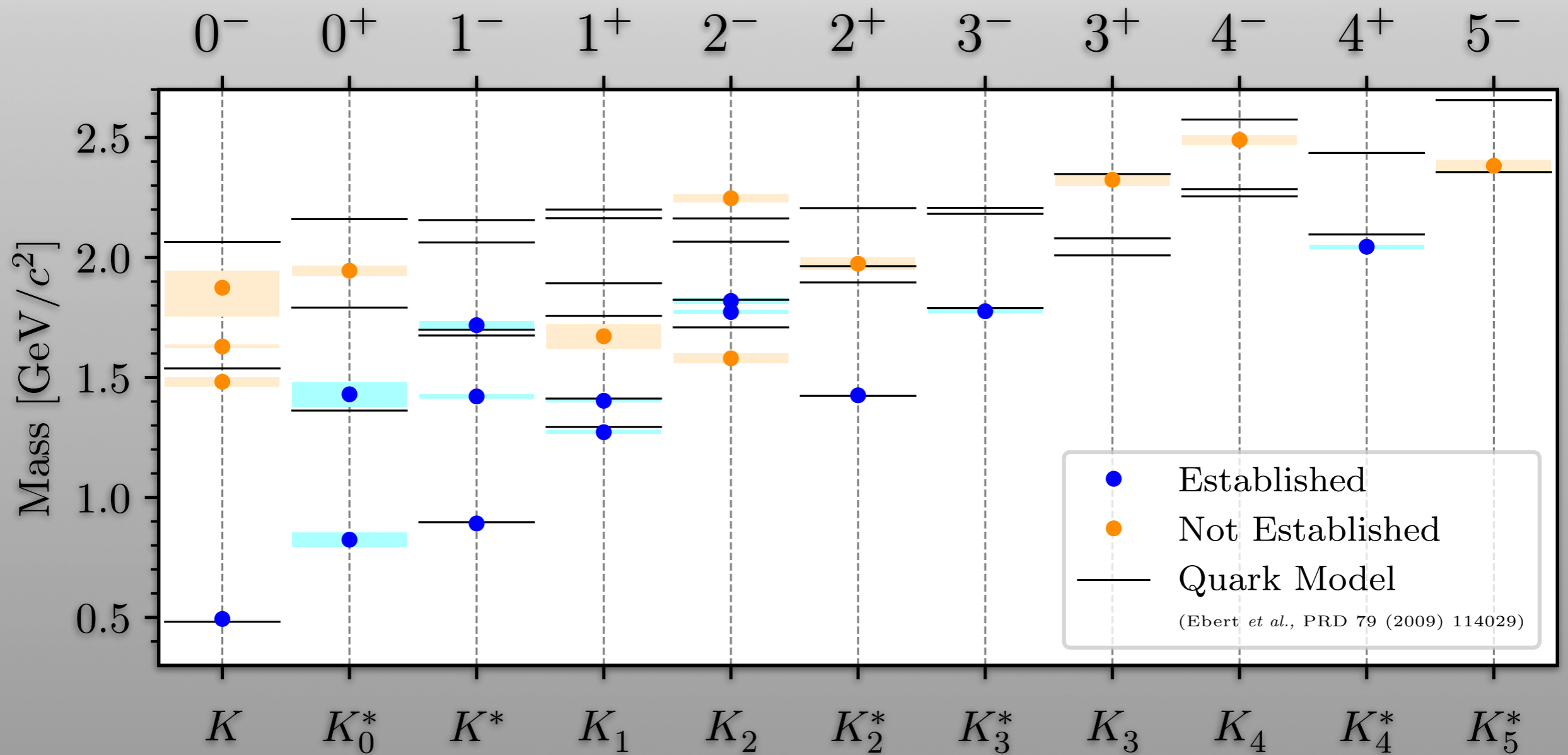
Measuring spectra of unstable states, including those with strangeness @ AMBER

- Diffractive production using **high-intensity high-energy RF-separated kaon beam** on proton and nuclear targets
- **All states** (except $J^P = 0^+$) **directly accessible**
- $J^P = 0^+$ **states** may be studied in subsystems of multi-body final states
- Same method also allows us to study **final-state interactions**
- **All major decay modes** accessible
- **Goal: $10 \times$ world data**
- Already the 2.4% K^- component of the current hadron beam at COMPASS yielded competitive data samples
- We can build on **extensive experience** in studying diffractive production of light mesons at COMPASS



Round-table discussion

Measuring spectra of unstable states, including those with strangeness @ AMBER



Round-table discussion

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