Questions from the presentation on April 13, 2016
Abashian-Booth-Crowe Effect in Basic Double-Pionic Fusion: A New Resonance?

1. What are isoscalars and isovectors? (Nadyah)

2. What is CD-Bonn potential? (Linda)

3. What is the phase space contribution to a momentum distribution? What is a quasi-free process (Nick)

4. What information is contained and can be obtained from Dalitz plots? How can an angular distribution be obtained from it? (Som)

5. What is the (Gottfried-)Jackson frame? What is a resonance? (Matthew)

6. What is low mass enhancement? Why does it occur? (Sudhanva)

7. What was the experimental setup at COSY? How was the experiment conducted? (Brian)

8. What is the Roper excitation? (Arbin)

Open question:

Q. Why is a polarized np experiment required?

Q. The theory paper (M. N. Plathonova, New Interpretation of the ABC Effect in Two-Pion Production in NN Collisions, Few-Body Syst 55:791-794(2013)) states that the data was re-normalized by 0.63 in a subsequent publication (Phys. Lett. B 721, 229-236 (2013)). Why was this re-scaling done?