Nuclear Lunch Questions

Observation of the Resonant Character of the Z(4430)- State

March 18th, 2015

1. Do these tetraquark states exist in the bottomonium-like spectrum as well? Or just the Charmonium-like spectrum? (Yuanzhi)

2. From where do error bars come in figure 2 and figure 4? (Shamim)

3. Discuss Cherenkov Detectors. (Rekam)

4. Derive or motivate the Breit-Wigner formula. (Arbin)

5. Why is a Dalitz plot useful? What information does it contain? (Tyler)

6. What is the significance of an Argand plot in resonance study? (Linda)

7. Being that the names XYZ are temporary names, who gets to name each particle once they are better classified? (Sudhanva)

8. Give a couple examples of Reggie Trajectories. (Taya)