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Current working:

1. Renew pwa results. The initial baseline solution is set as $Λ(1520)$, $Λ(1670)$ on $pK$ combination, and $\overbar{Λ}(1670)$ on $\overbar{Λ}η$ combination. No other resonances are set on other combinations. Phase space processes of 3-body and 4-body are not considered as components in the initial solution, but will be added only if there is no other resonance could be added into the solution.

2. The iterate rounds are still ongoing, which means I still need some time to calculate the final solution. The current progress is that I preliminarily complete the trying with resonances, now there is no resonance whose significance is larger than $5σ$, so that I begin to try 3-body phase space process in the solution.

Next planning:

1. Read books about PWA and QFT to learn more knowledge.

2. Continue to renew pwa results.

3. Generate toy mc after the final solution is got.

4. Estimate other kinds of systematic uncertainties in the analysis.