2025.05.27 Zhuang Xinyu

Current working:

1. The method to extract signal yields of each channel was got. The program to calculate the value is still on running.

2. Estimate several kinds of systemic uncertainties for the absolute process. More kinds of uncertainties are being estimated now. The uncertainty of helix correction of the absolute process is about 4.5%, someone thinks it’s a little big, so more checks are needed.

3. Generate exclusive MC for channels in pwa result. Prepare for estimating uncertainties for each channel.

Next planning:

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

2. There is a potential problem in the process of pwa. I don’t know whether it will affect the result or not. For insurance purpose, the pwa result will be renewed with a newer method.

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