## Difference of DPS sample

- A conclusion was drawn that the difference was from the variable we used
- The true reason is that there is a mistake in the selection code
- The bug is fixed now





- For the last week, we tried to modify the range of 1D fit. The fitting quality for the side band sample is not good
- After modified some initial values, the fitting quality got improved
- Unfortunately, the fitting is very unstable



- I propose to keep using narrow range for 1D fit
  - Most shapes don't get changed a lot
  - No need to deal with the unstable side band fit
  - No need to deal with the difference between SPS/DPS samples (by using a mixing sample)