🧪 MU Test Plan — Test 12

Visualization of slope–β sweep results

Goal:

- Turn raw numerical results (from Test 11) into clear plots.
- Visualize two main things:
  1. ΔQ vs slope (for different β values).
  2. log10(weight ratio) vs slope (for different β values).

Parameters:

- β values: [8.0, 8.5, 9.0, 9.5, 10.0]
- Slopes: [0.26 → 1.2]
- Data: From Test 11 table

Predictions:

- ΔQ should **increase monotonically with slope**, with small β differences mainly scaling the vertical offset.
- log10(ratio) should **decrease sharply (more negative) with slope**, showing exponential suppression. β should shift curves vertically: higher β = steeper/stronger suppression.