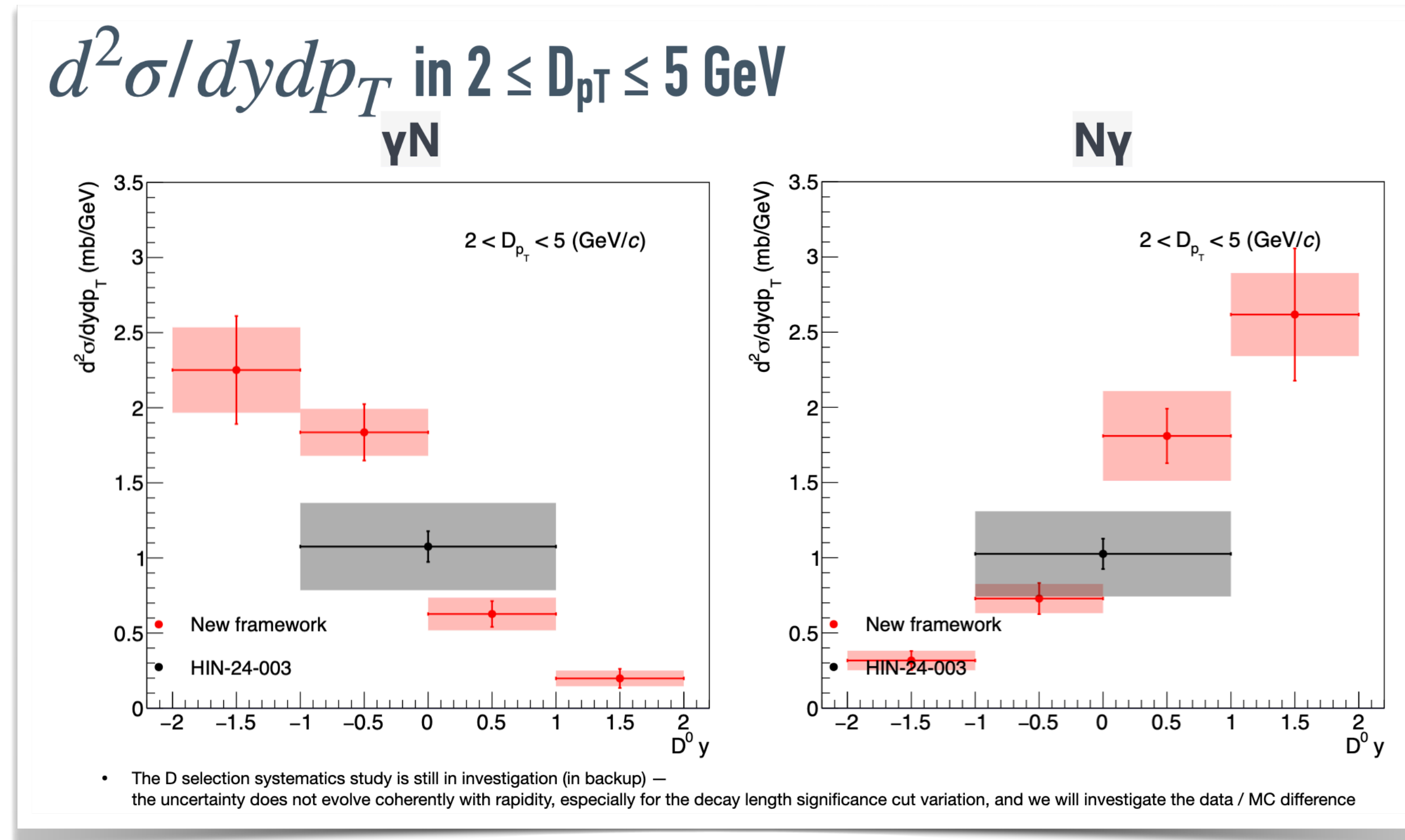


# Low- $p_T$ UPC $D^0$ analysis using '23 UPC reconstruction data

## Plan towards QM 2025:

- Proceed with baseline plan: using 2023 data (old RECO), explored the  $\eta$ -dependence in low- $p_T$  region ( $2 \leq D_{pT} \leq 5$  GeV)
- Obtained the preliminary analysis of the systematics breakdown of the low- $p_T$  cross-section



- We will sort up results in the analysis note and request for the review process this week