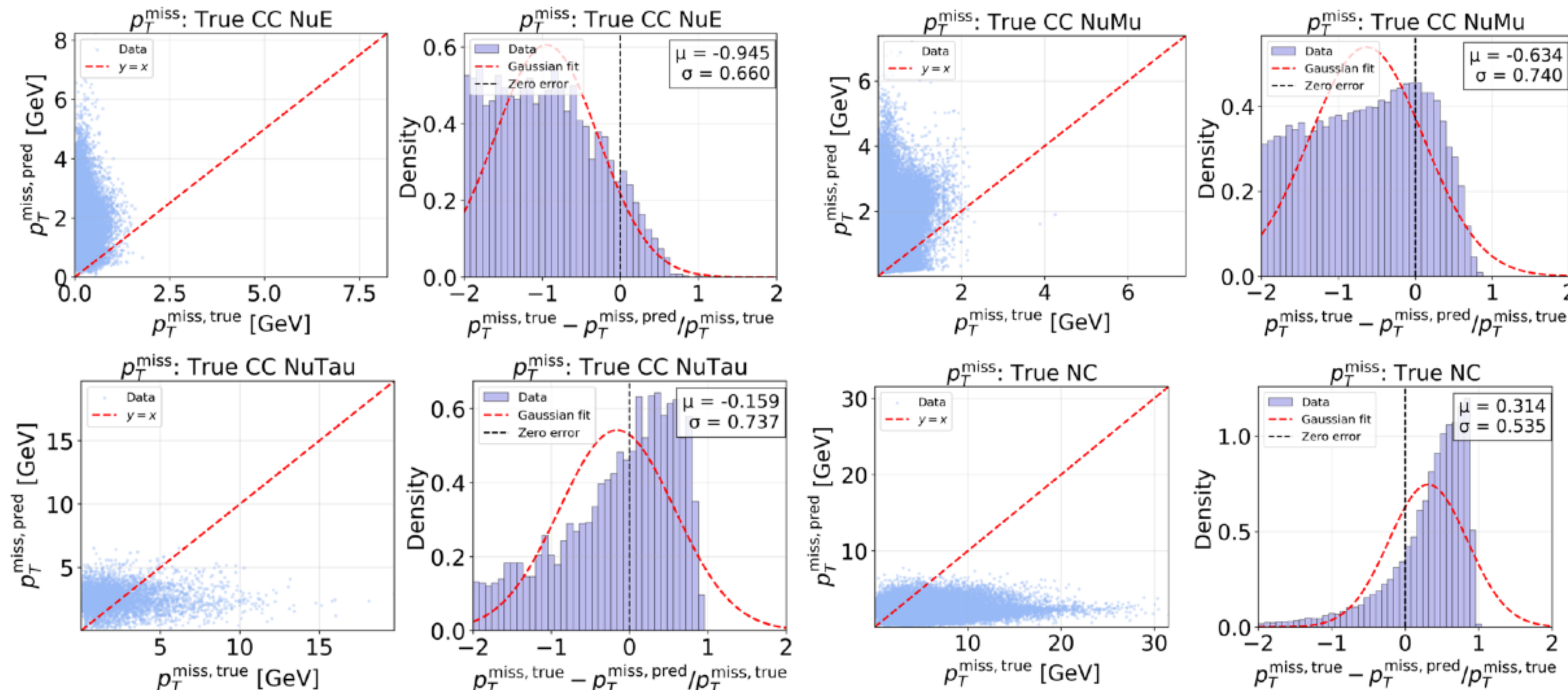
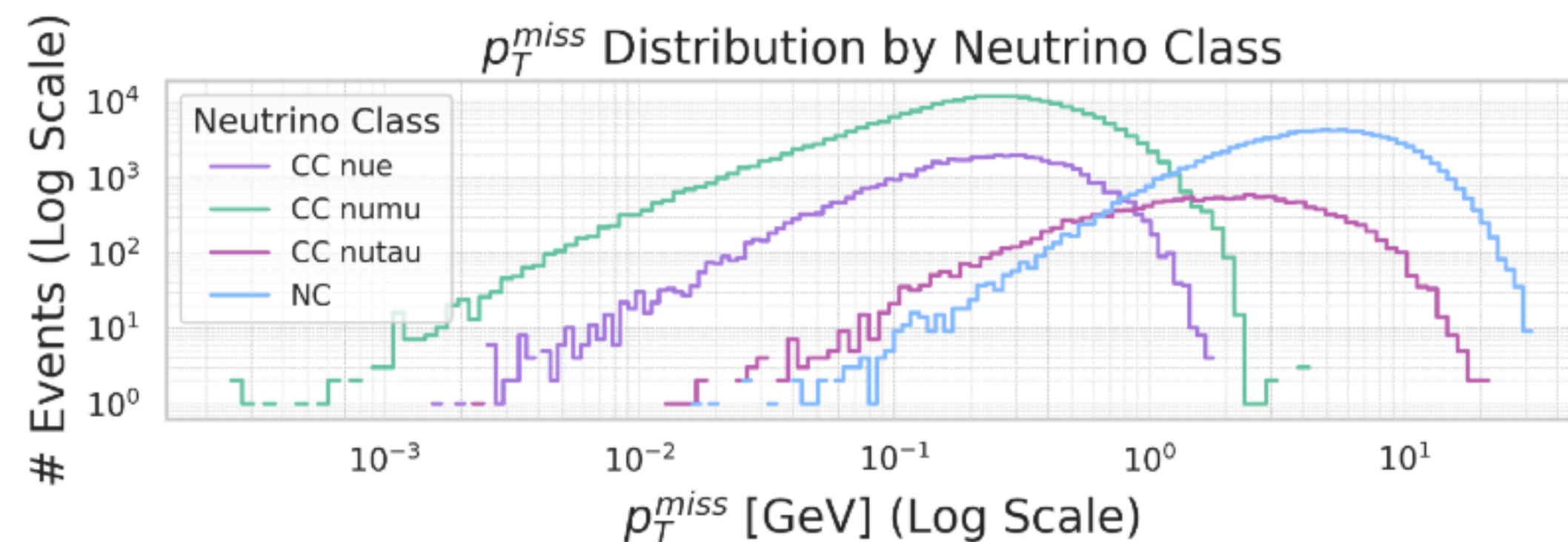


# BDT: Missing Pt

## Regression Results

- **The BDT's Failure:** The model is fundamentally confused by this and performs poorly on **all** classes.
- Massive Over-prediction for low  $p_T^{miss}$  events
- Poor Resolution for high  $p_T^{miss}$  events
- **The Problem:**
  - The true  $p_T^{miss}$  distribution is **bimodal**



# Results

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SCNN + Transformer