

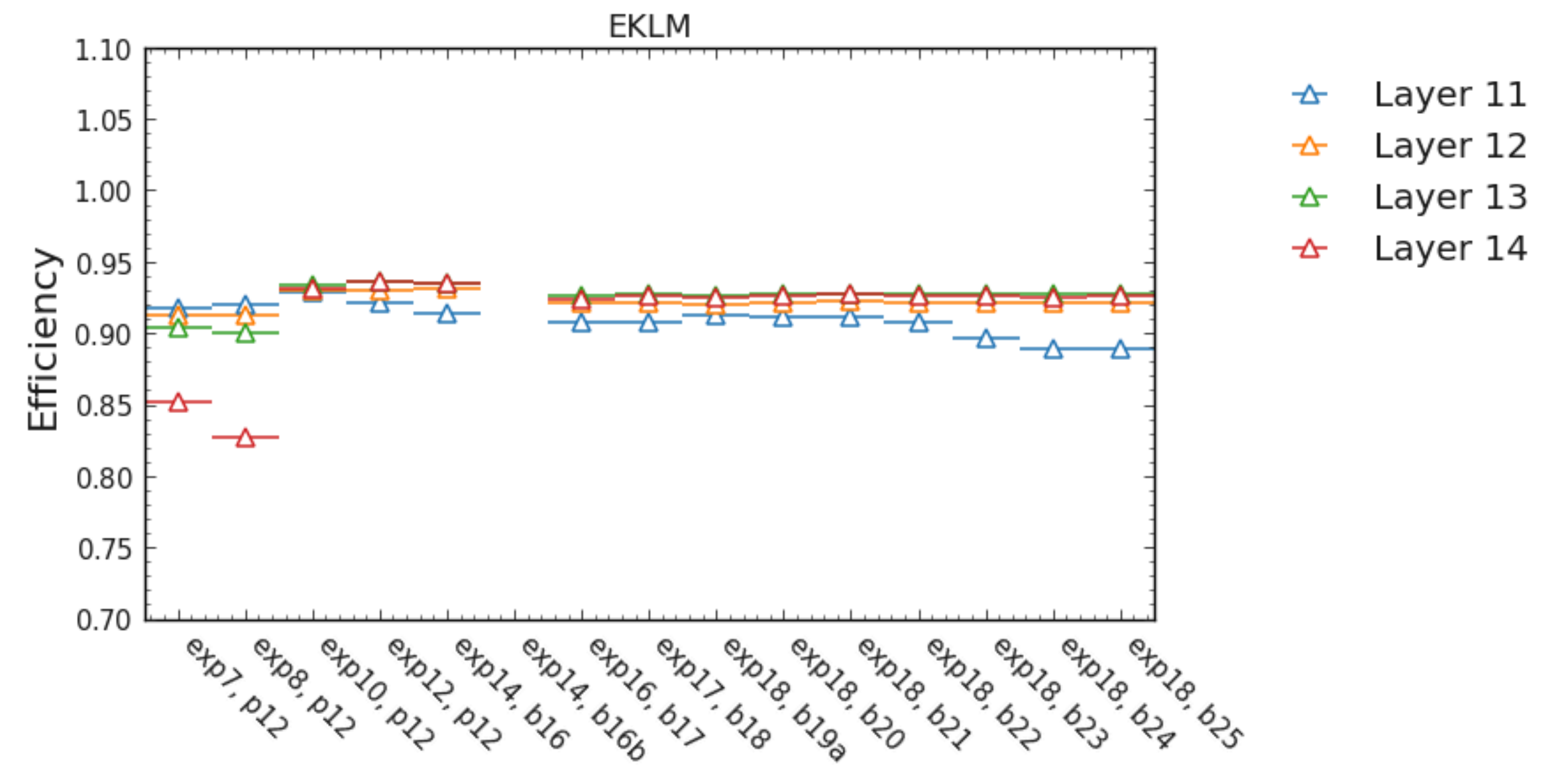
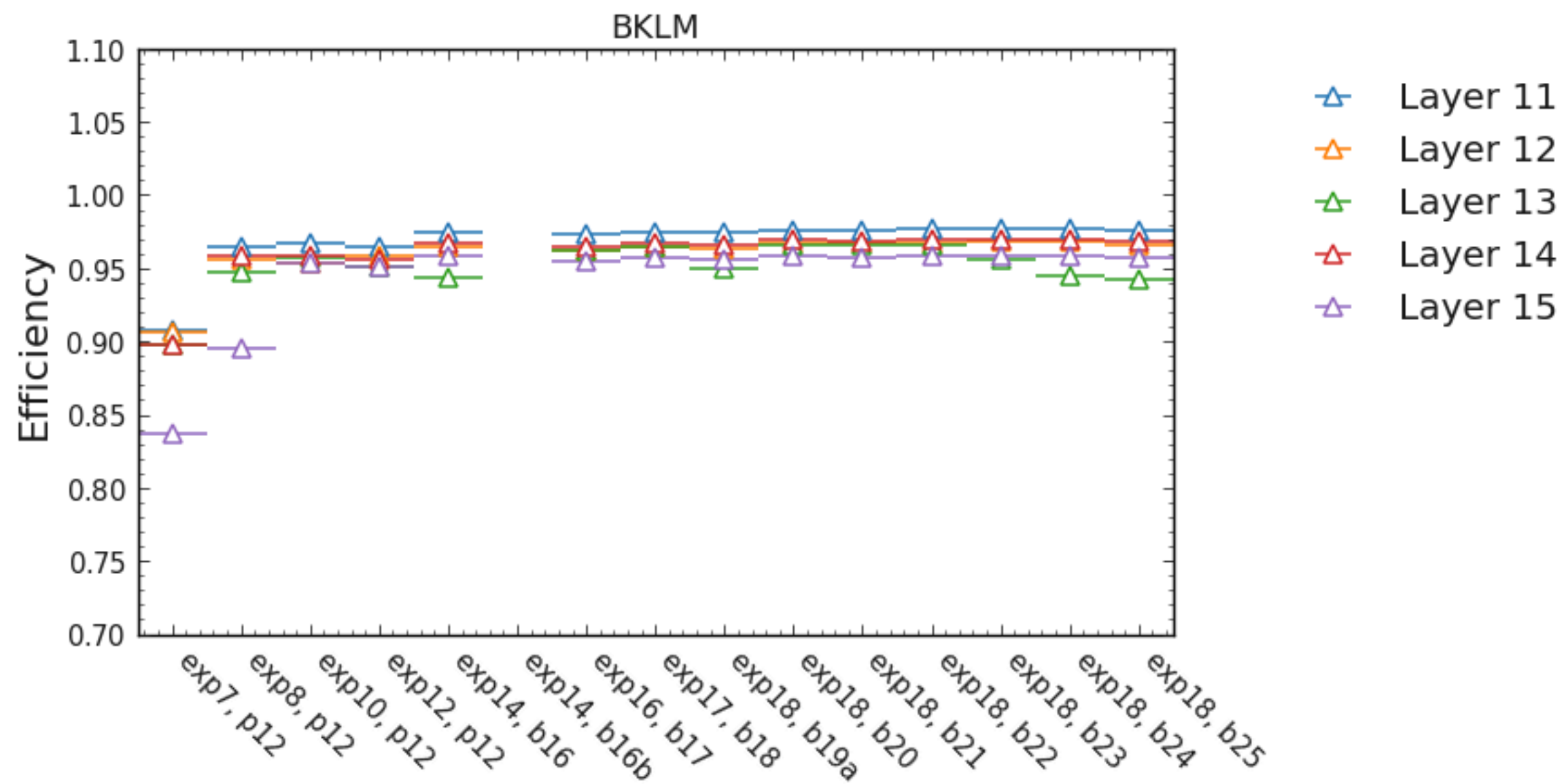
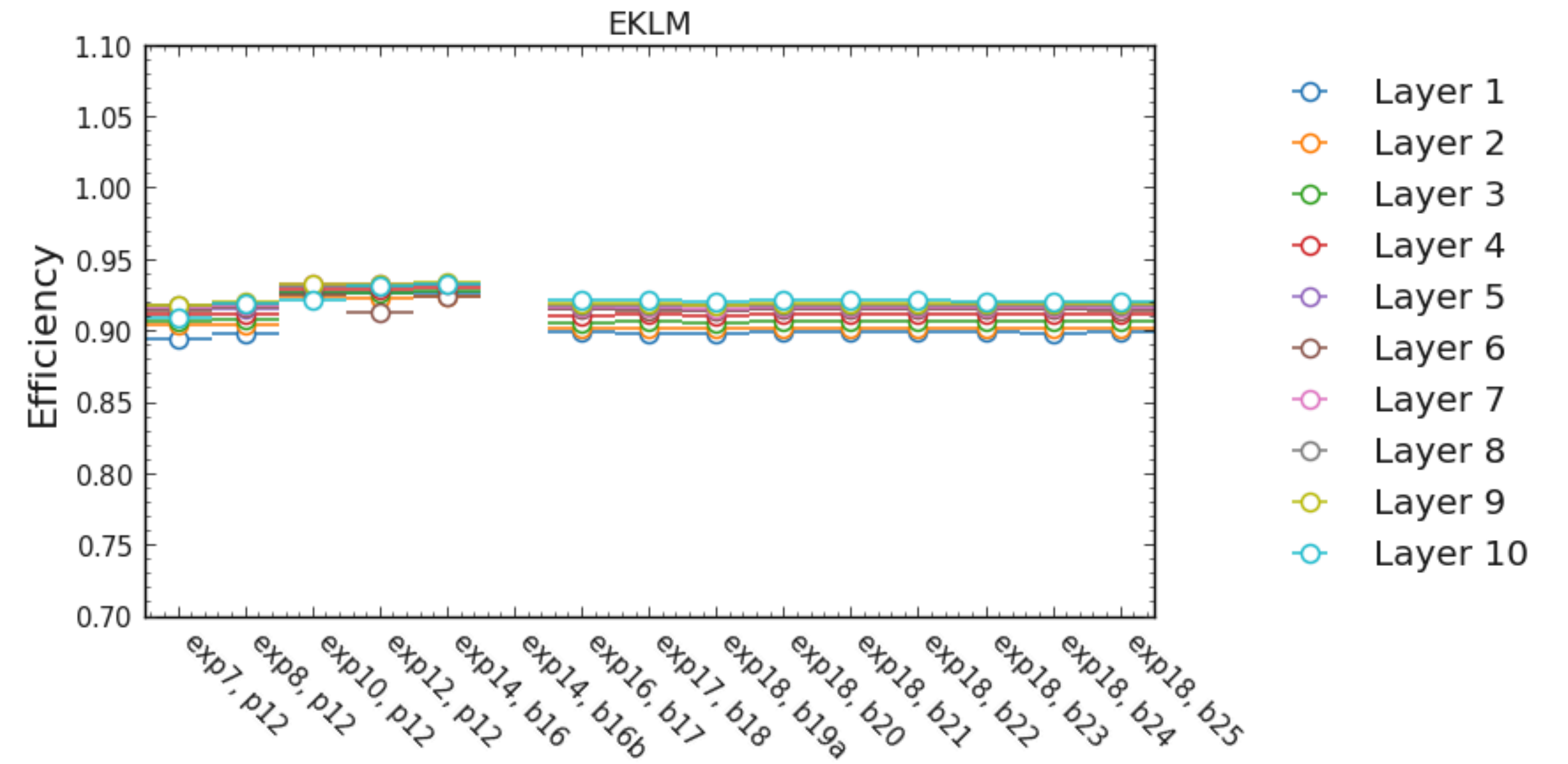
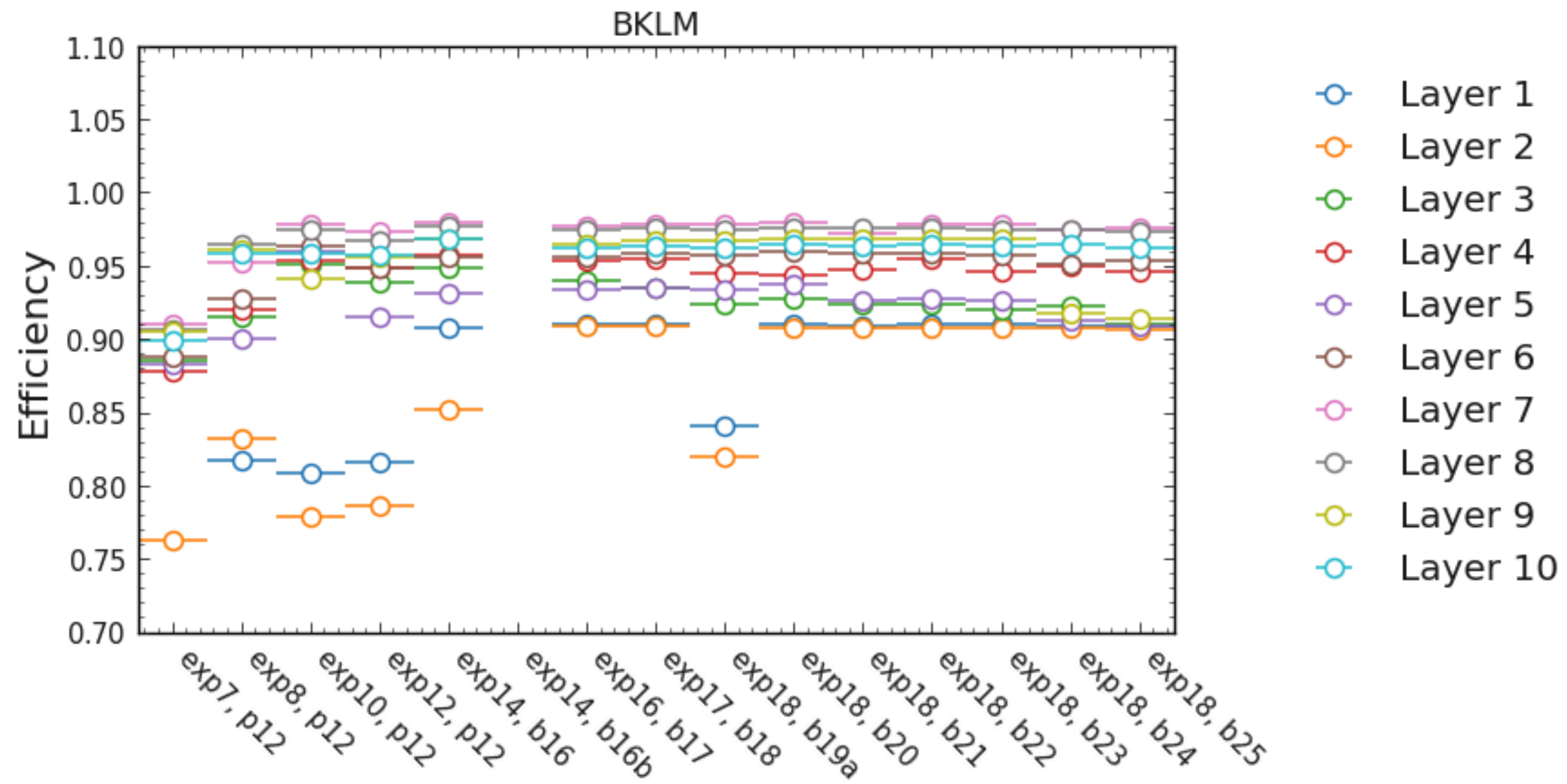
# Bubbler system inventory & KLM layer efficiencies

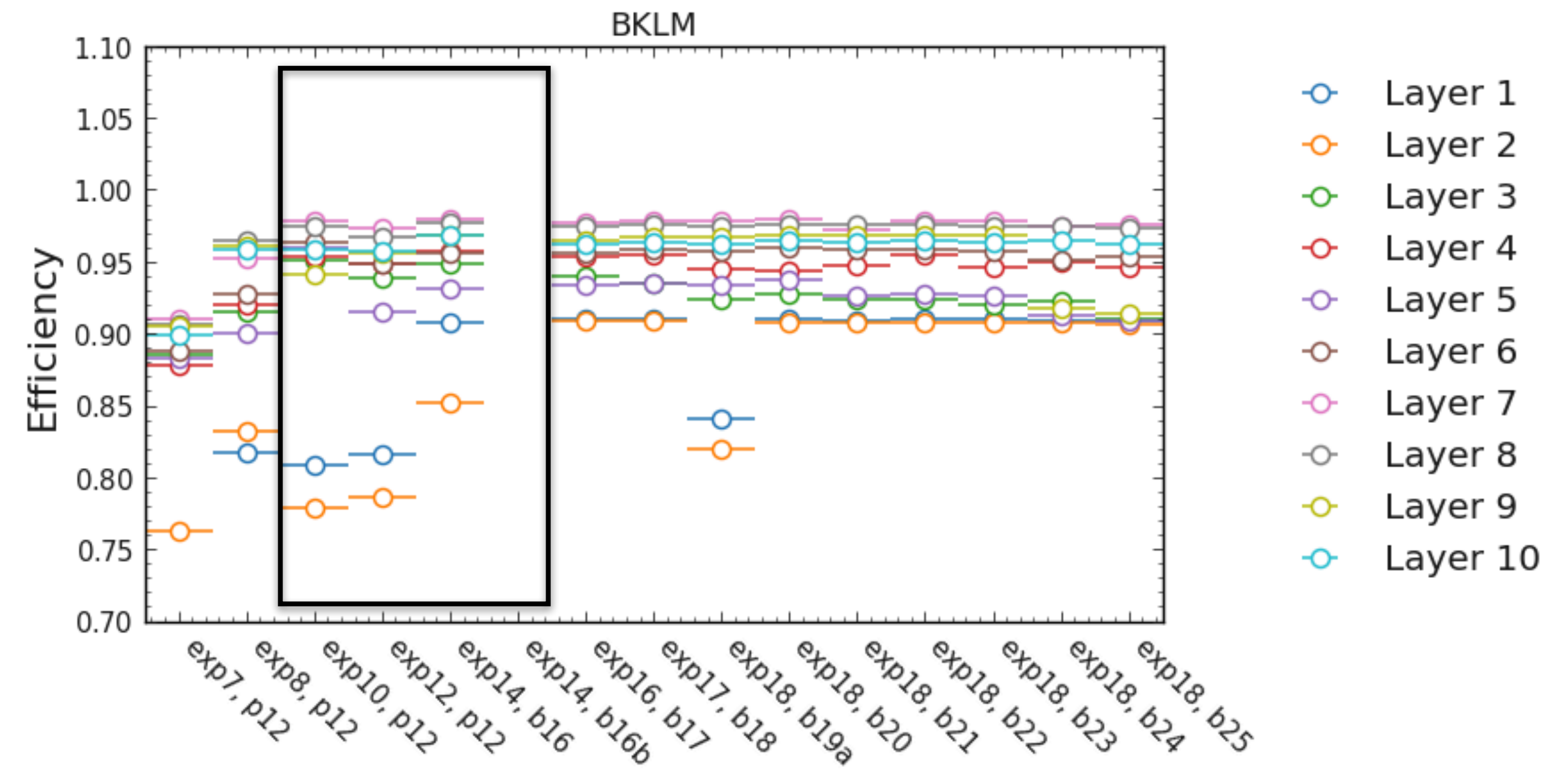
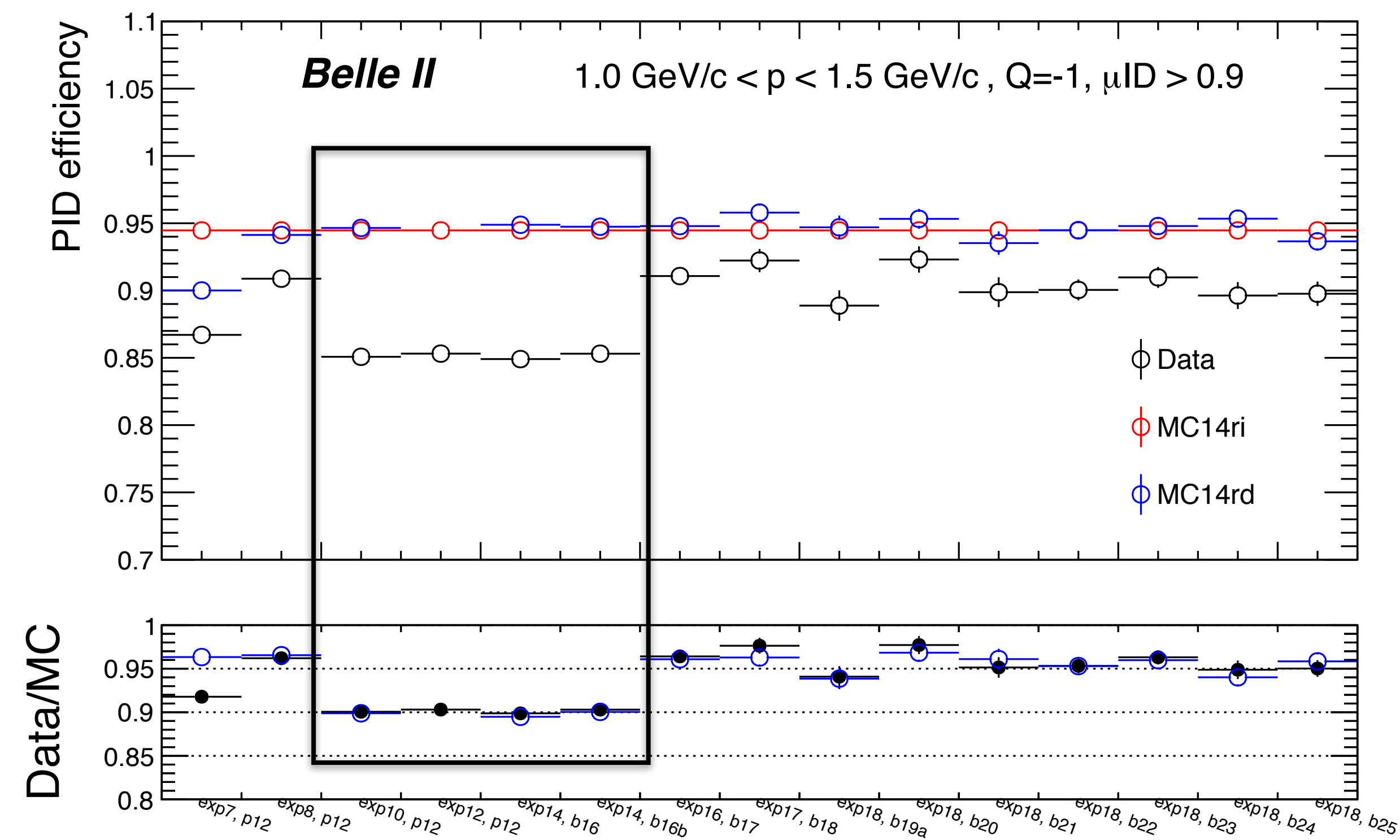
Michele Veronesi  
ISU KLM Meeting  
08/07/2022

# Inventory summary

- Empty oil: BB1 Inner Supply, BF1 Outer Supply
- Disconnected gas lines: BB1 Inner Supply, BF1 Outer Supply, BF1 Inner Supply (layer 15), BF3 Inner Supply (layer 7)
- Supply side bubbling: BB7 Inner Supply
- Missing sensor circuits: BB7 Inner Supply, BF1 Outer Return/Supply
- Disconnected or missing ribbon cables: BB1 Inner Supply, BB3 Inner Return/Supply, BB4 Inner/Outer Return/Supply, BB7 Inner Supply, BF1 Inner Return/Supply, BF3 Inner Return, BF5 Outer Supply
- Ribbon cables connectors: 2x25 pin female connector

# Layer-by-layer efficiencies





- Could this be explained by the low-momentum tracks in the  $ee \rightarrow e e \mu \mu$  calibration sample (hitting mostly the inner layers of the BKLM)?



# Backup



