

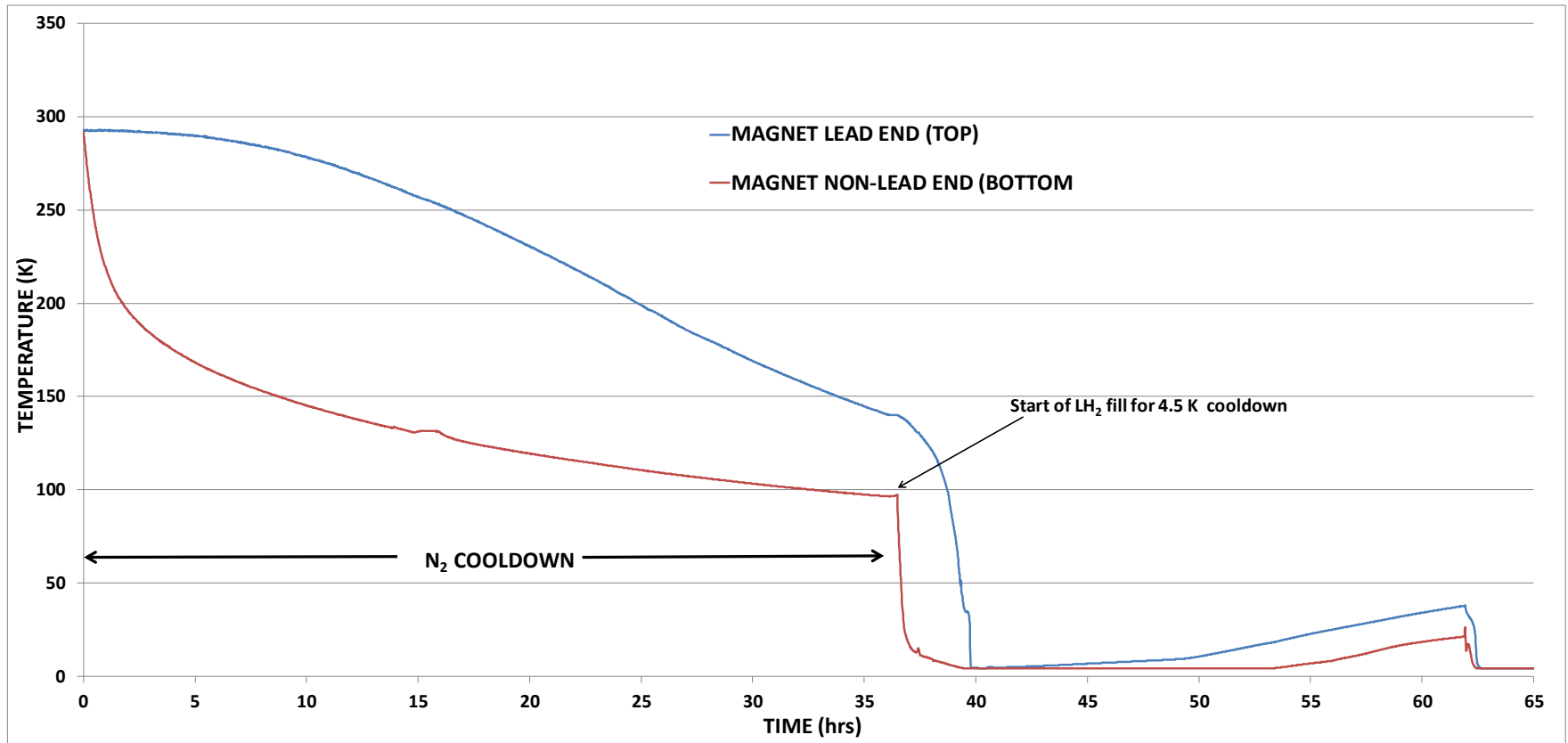


# Cooldown and Warmup Cycles in MQXFA tests at BNL

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Piyush Joshi - BNL  
28-Aug-2019

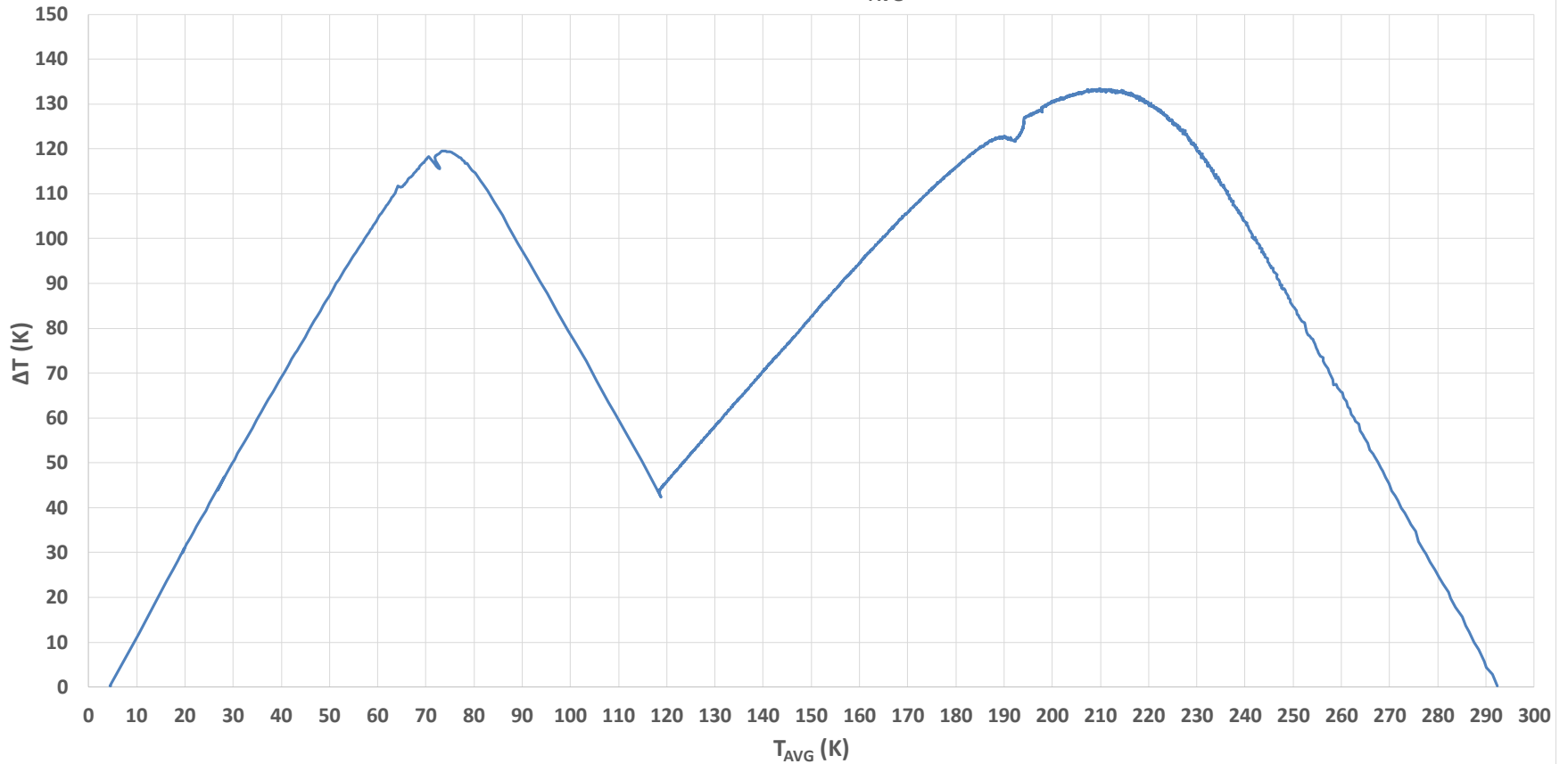


# MQXFAP1 COOLDOWN

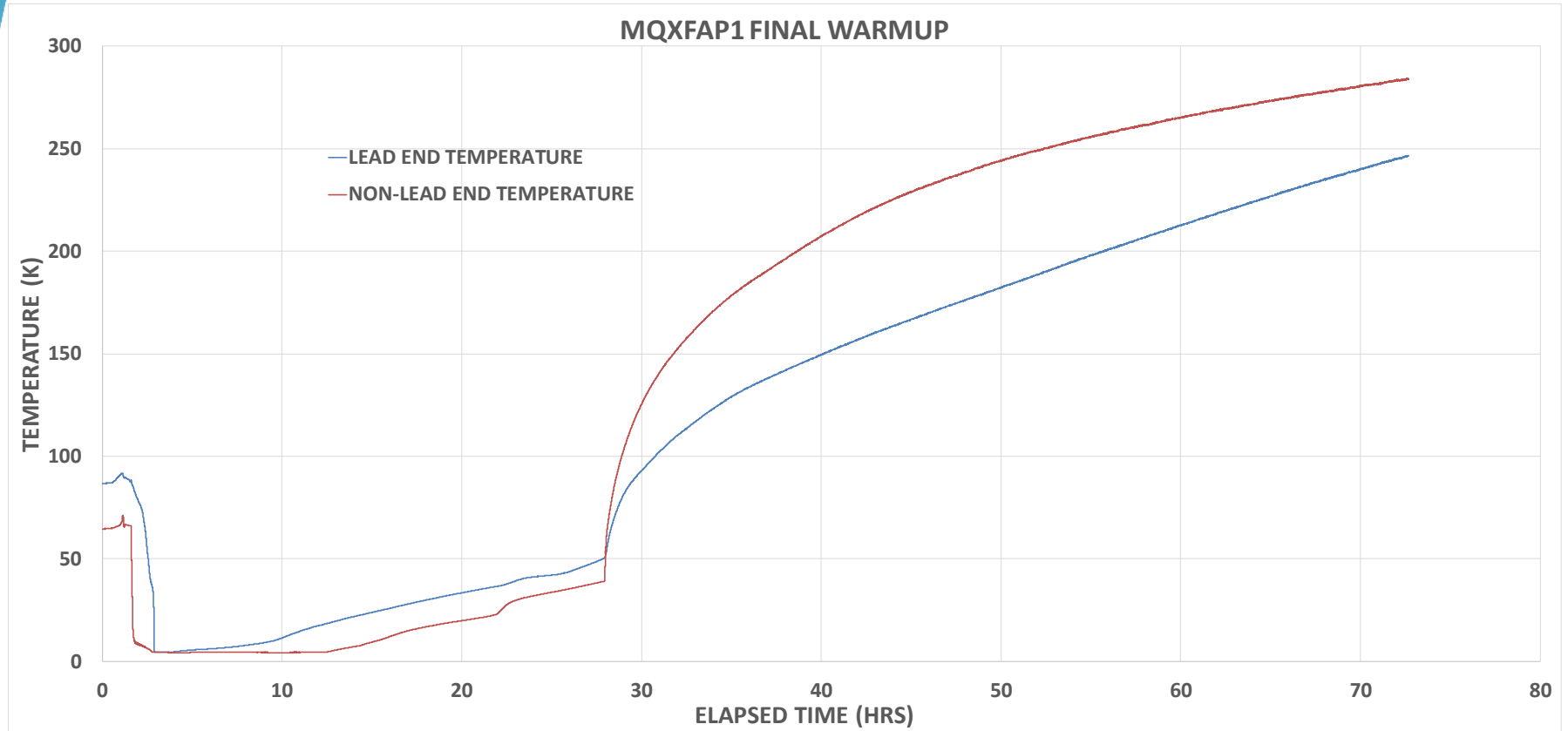


# MQXFAP1 COOLDOWN

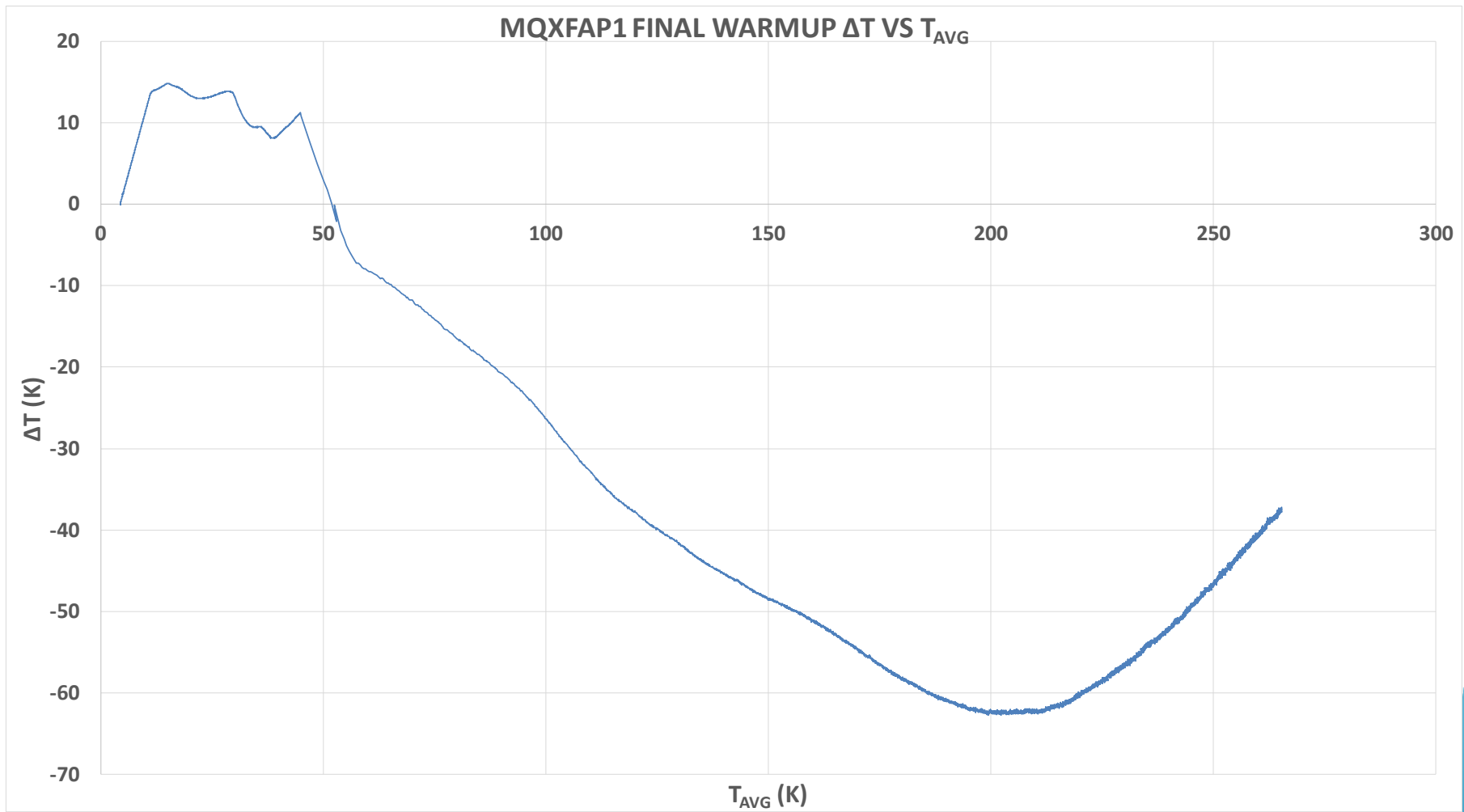
MQXFAP1  $\Delta T$  VS  $T_{AVG}$



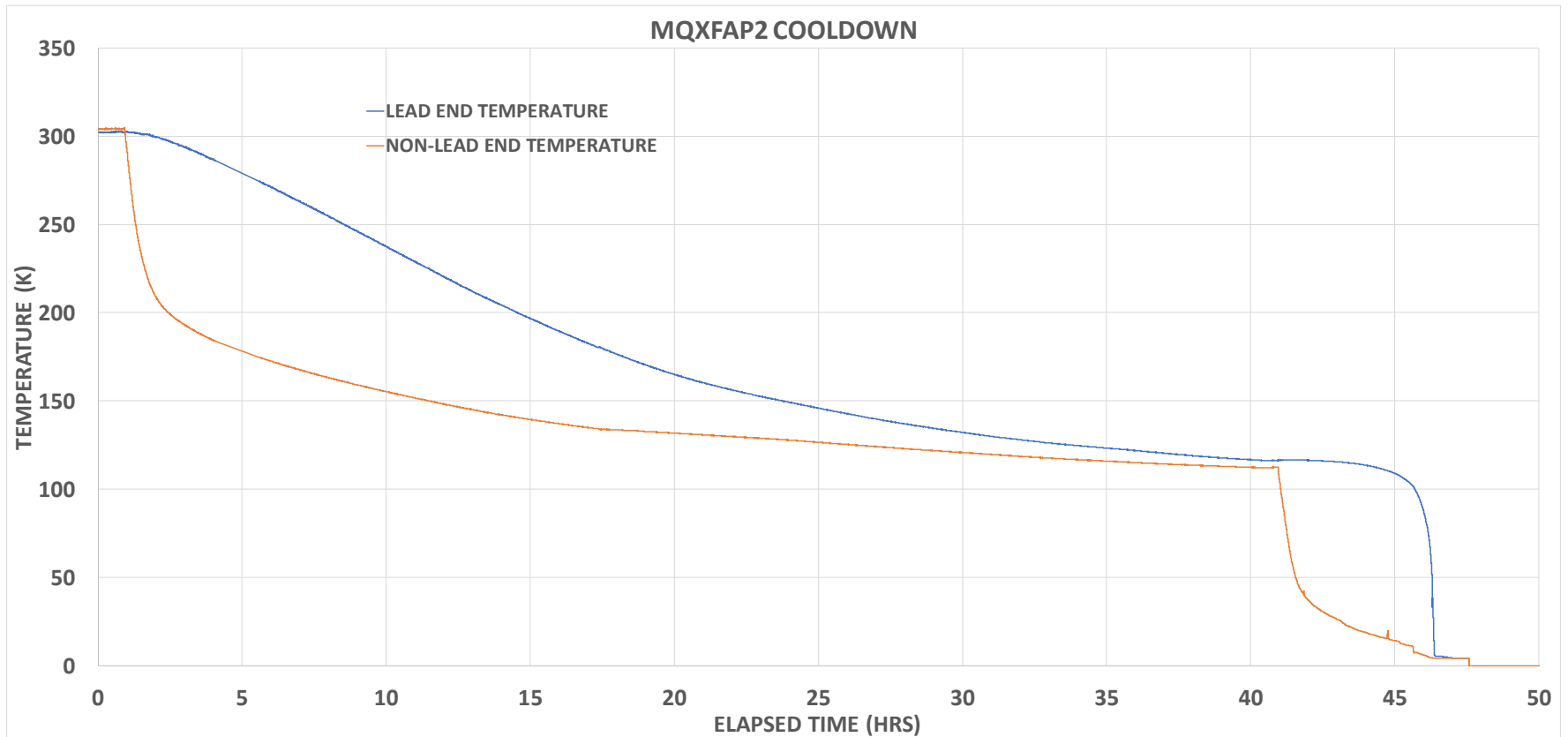
# MQXFAP1 WARMUP



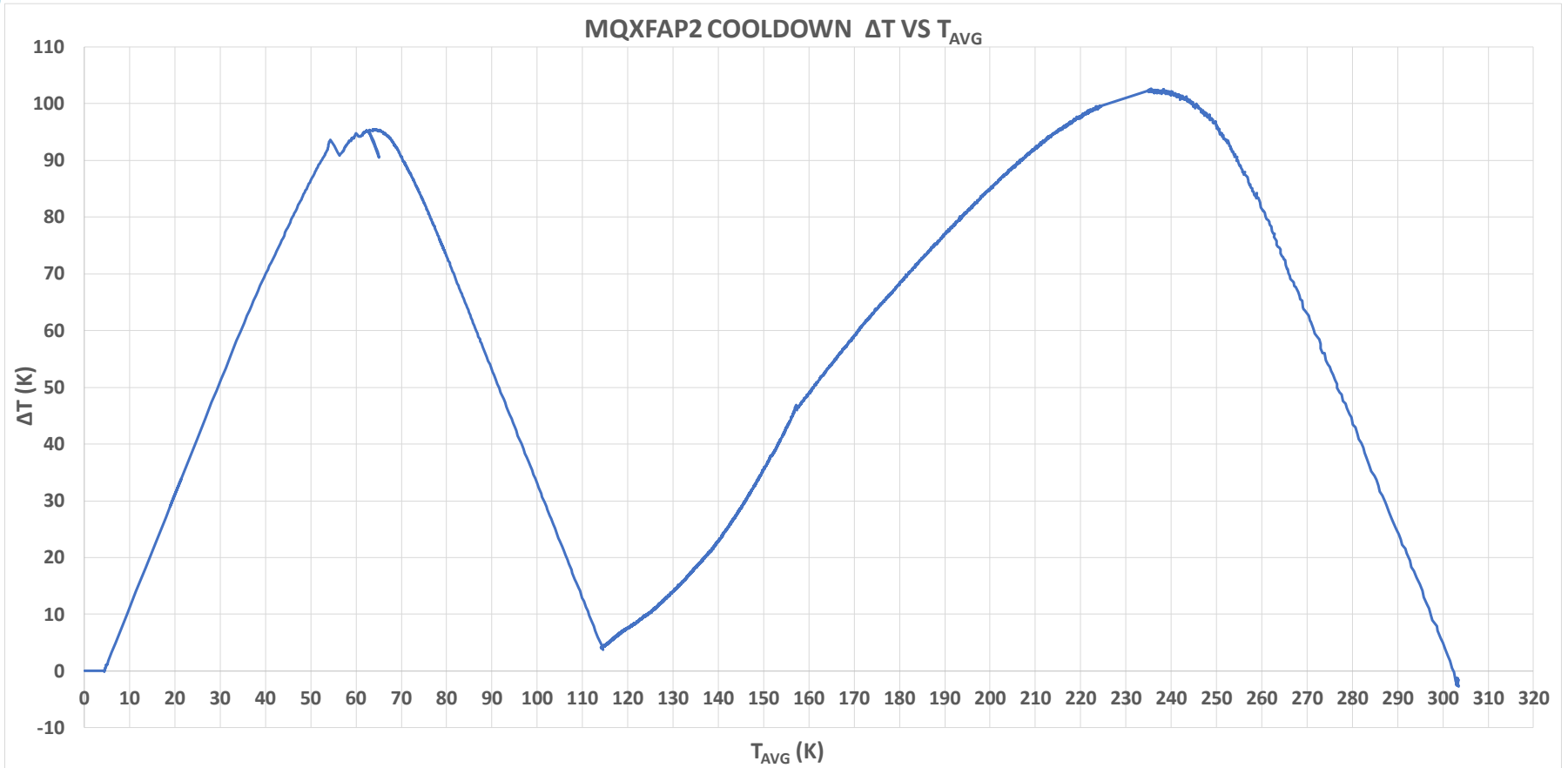
# MQXFAP1 WARMUP



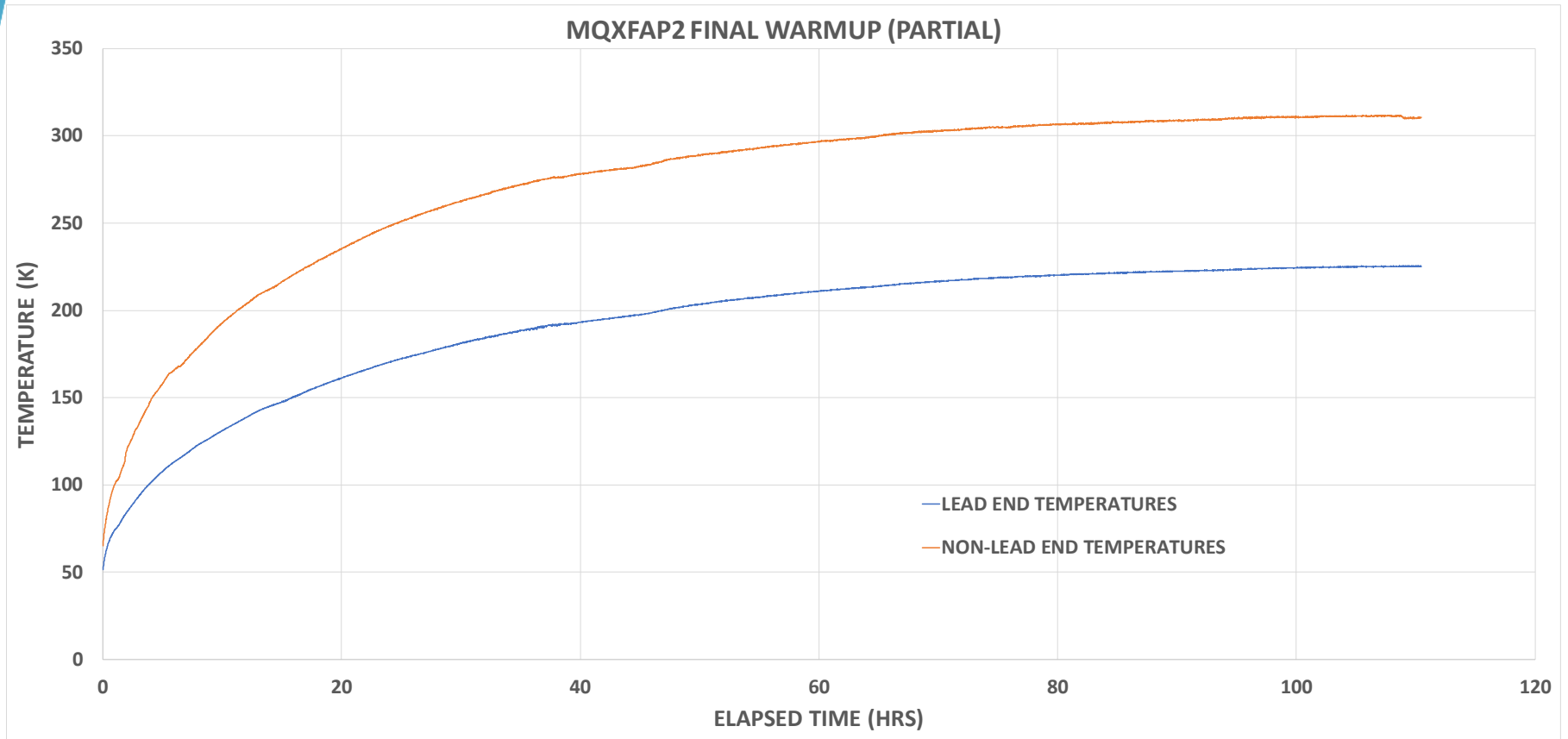
# MQXFAP2 COOLDOWN



# MQXFAP2 COOLDOWN

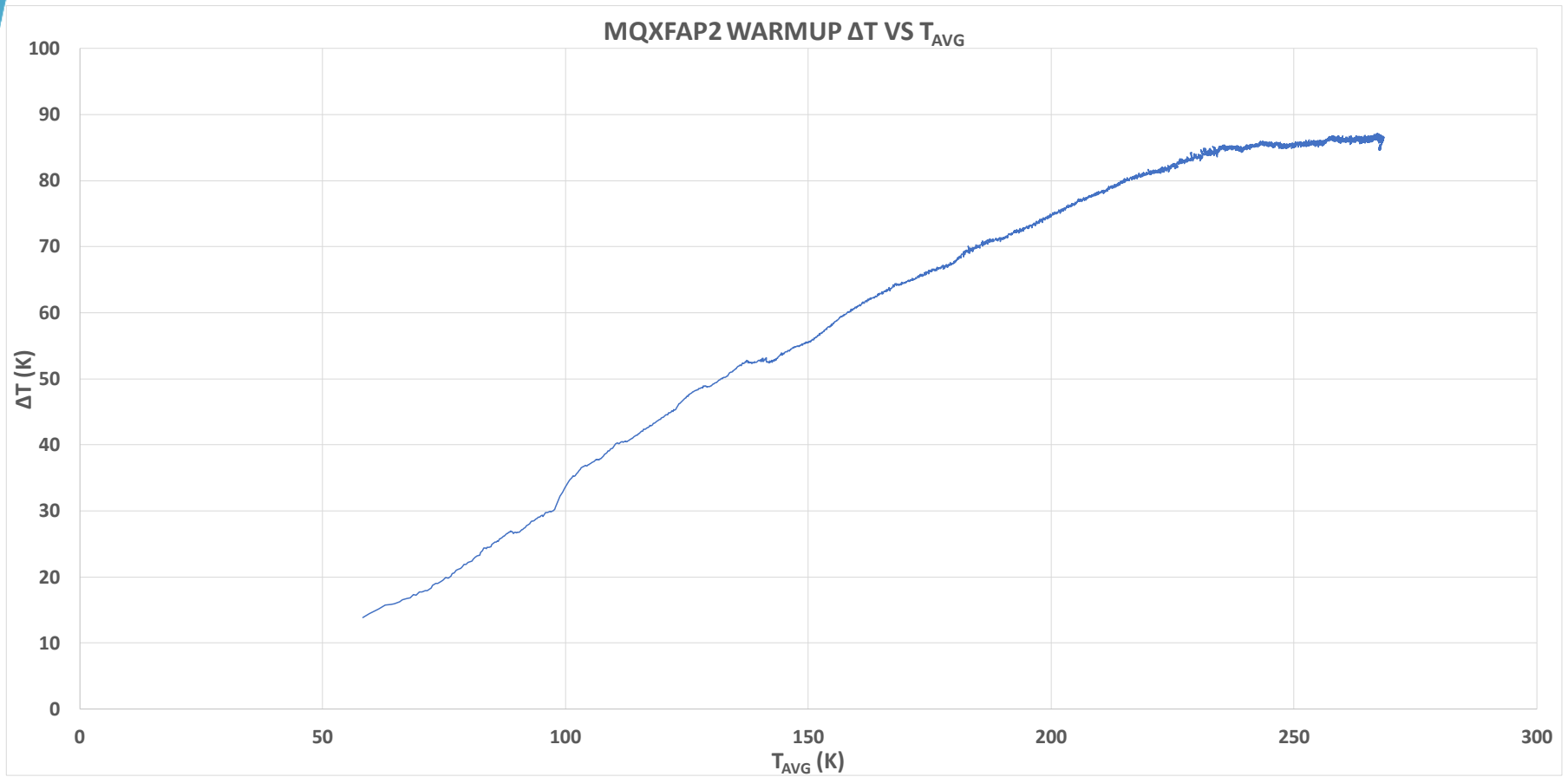


# MQXFAP2 WARMUP

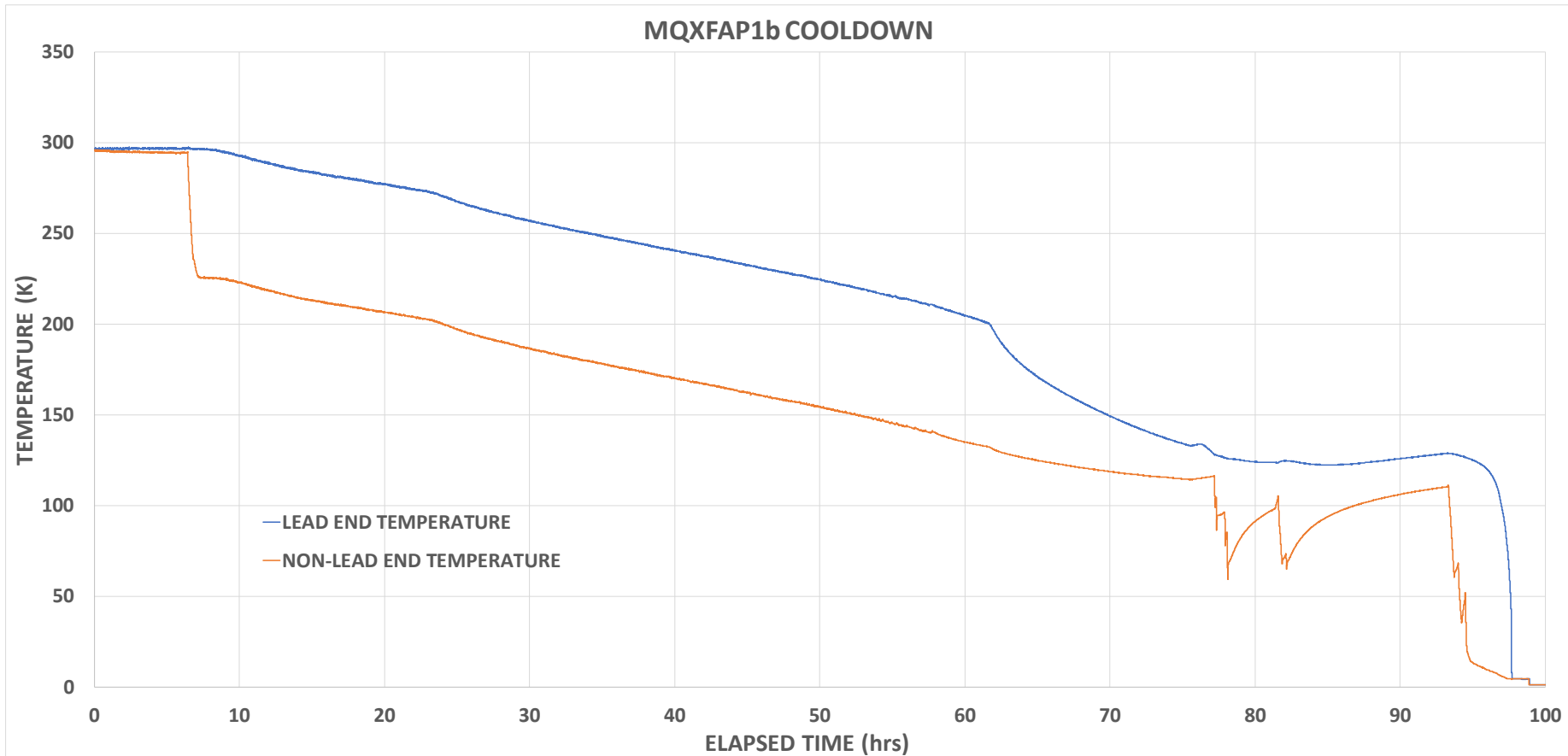




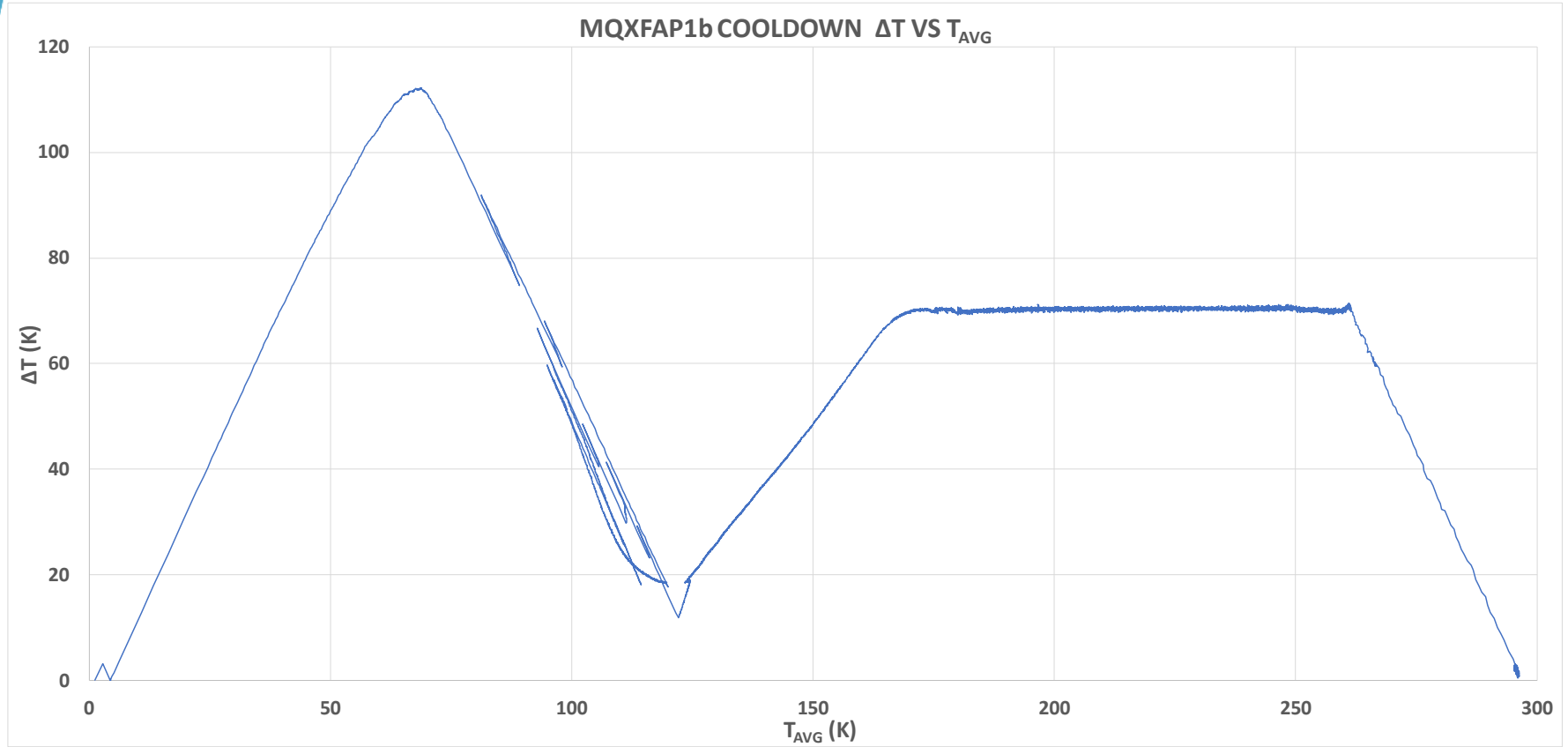
# MQXFAP2 WARMUP



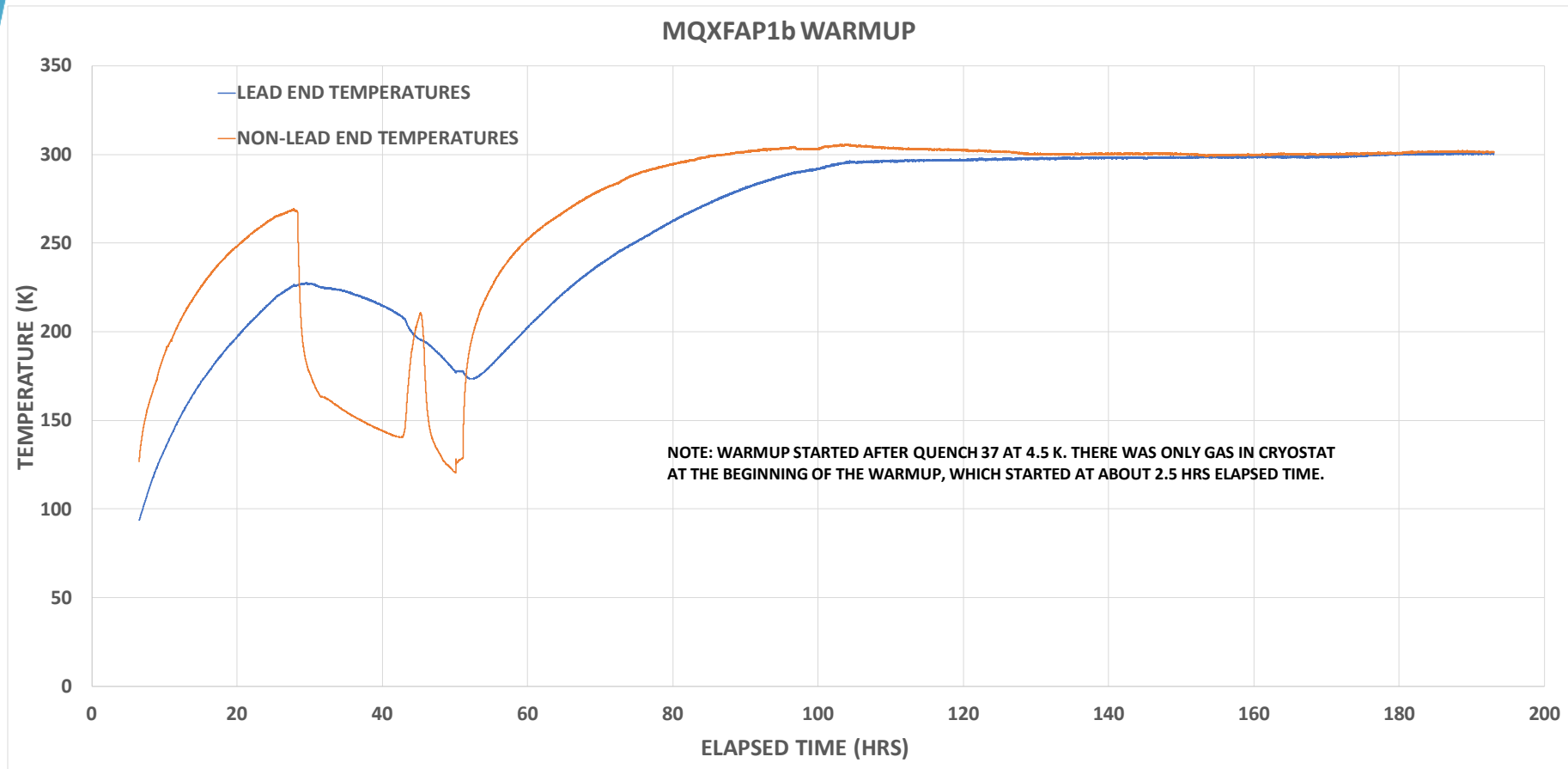
# MQXFAP1b COOLDOWN



# MQXFAP1b COOLDOWN



# MQXFAP1b WARMUP



# MQXFAP1b WARMUP

MQXFAP1b WARMUP  $\Delta T$  VS  $T_{AVG}$

