

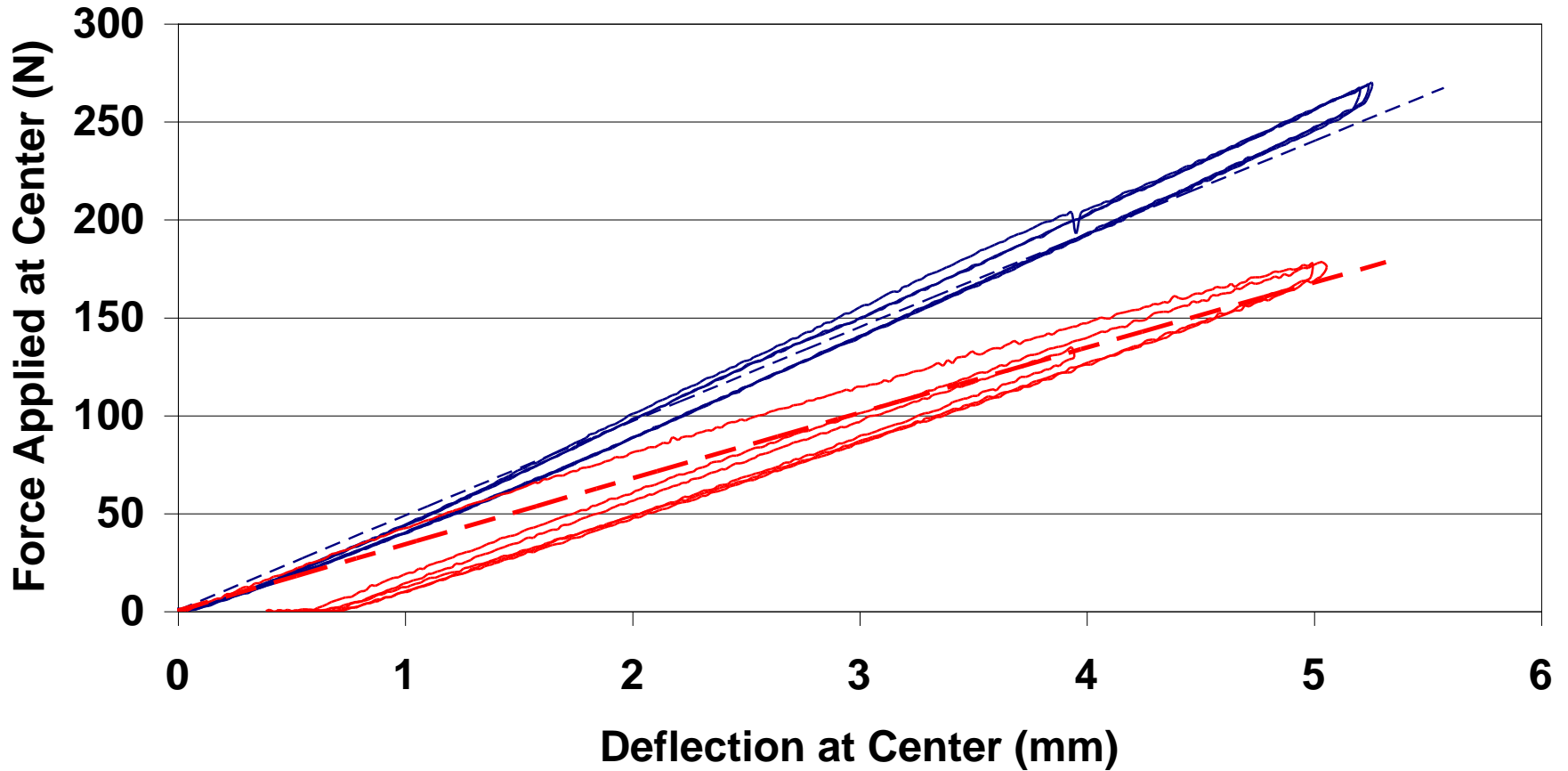
# SMA Beam Testing II

July 20, 2007

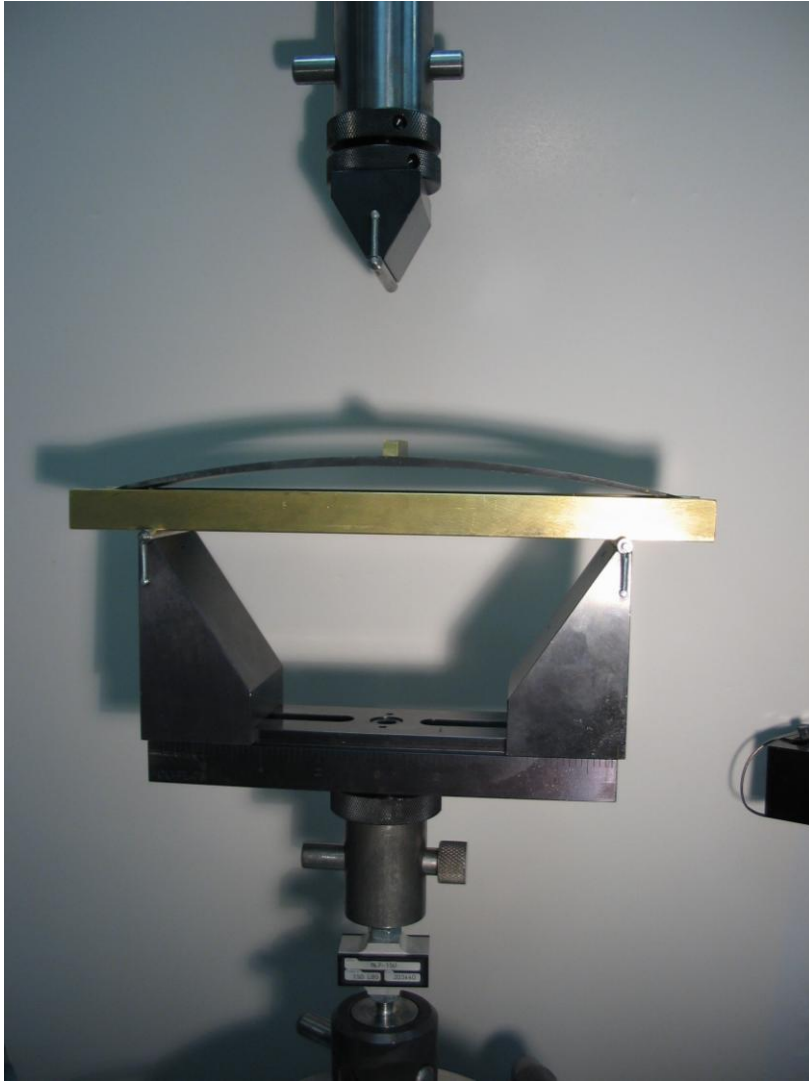
# Elastic Loading

Results in Full Martensite and  
Full Austenite

# Elastic 3-Point Bending of Beam



# Edited Test Configuration

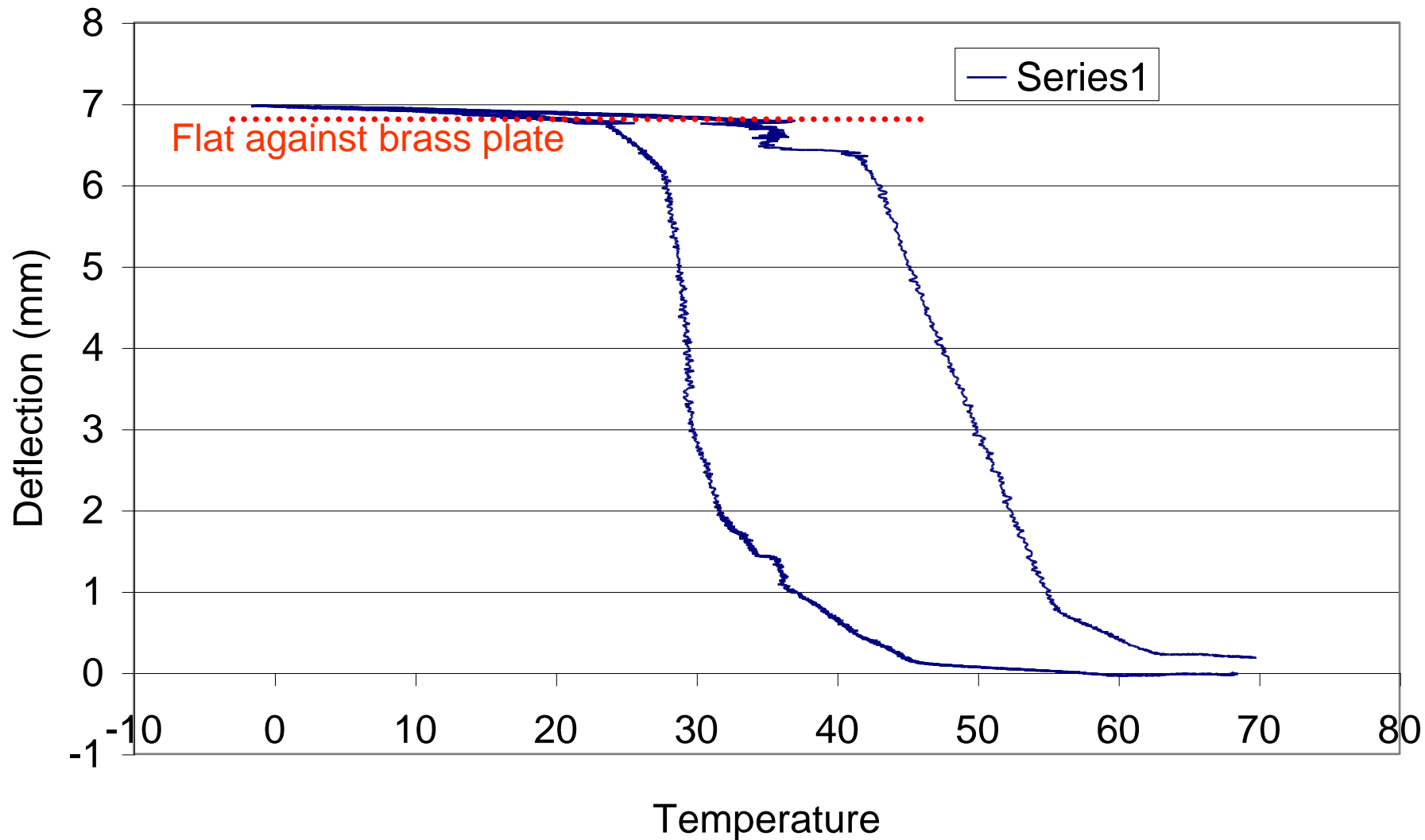


- New test configuration removes brass beam
- Current center brass piece used to keep beam perpendicular to bending frame and centered
- Two more thermal couples added

# Original Test Results

Thermal Cycling at Constant  
Loads

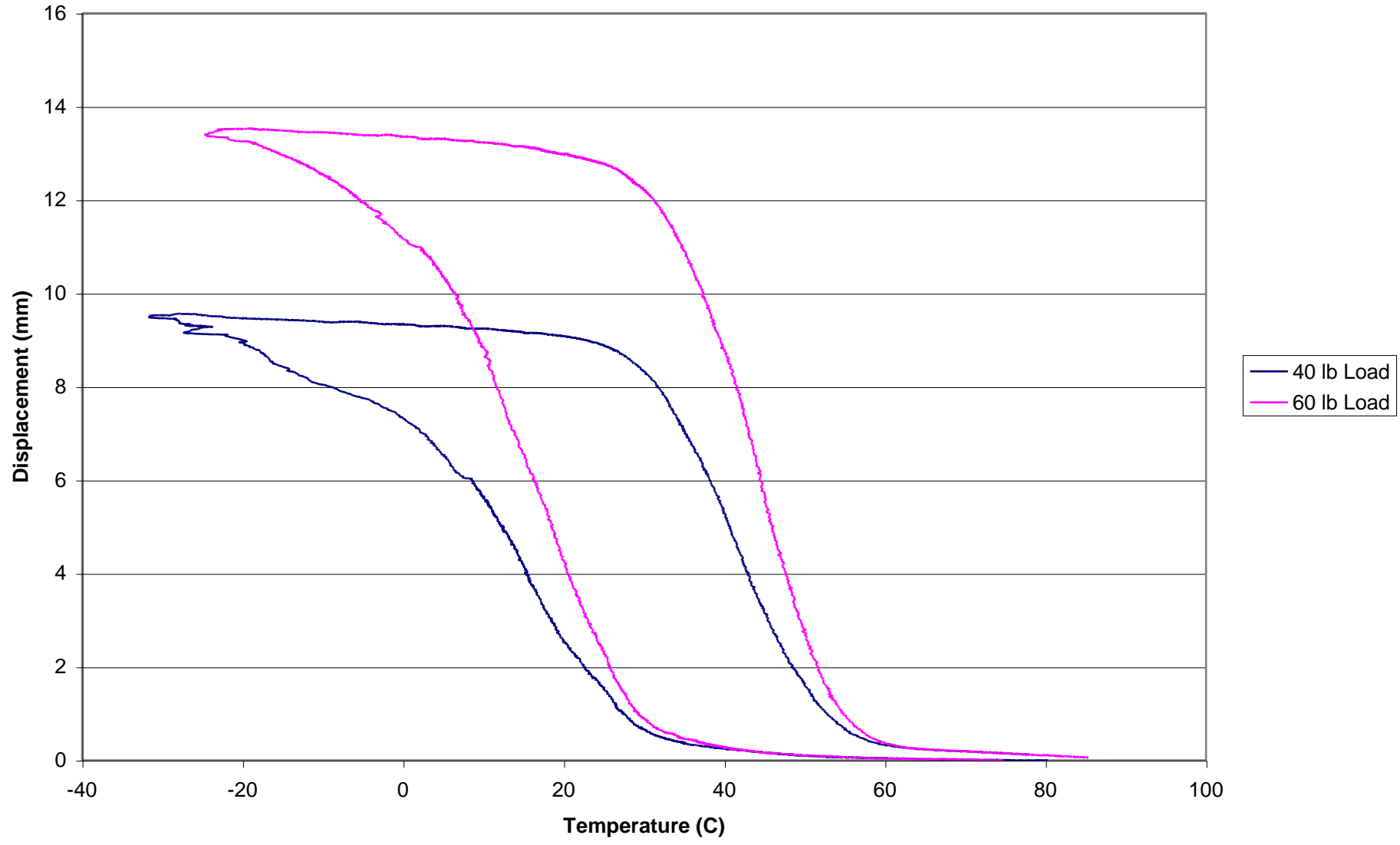
# 60lb Load, Test A



# Second Test Results

Thermal Cycling at Constant  
Loads

### Constant Load, Test B





Constant Load, Test B with Analysis Data

