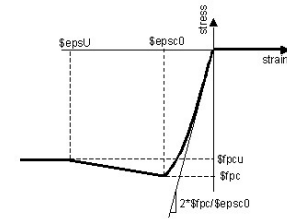
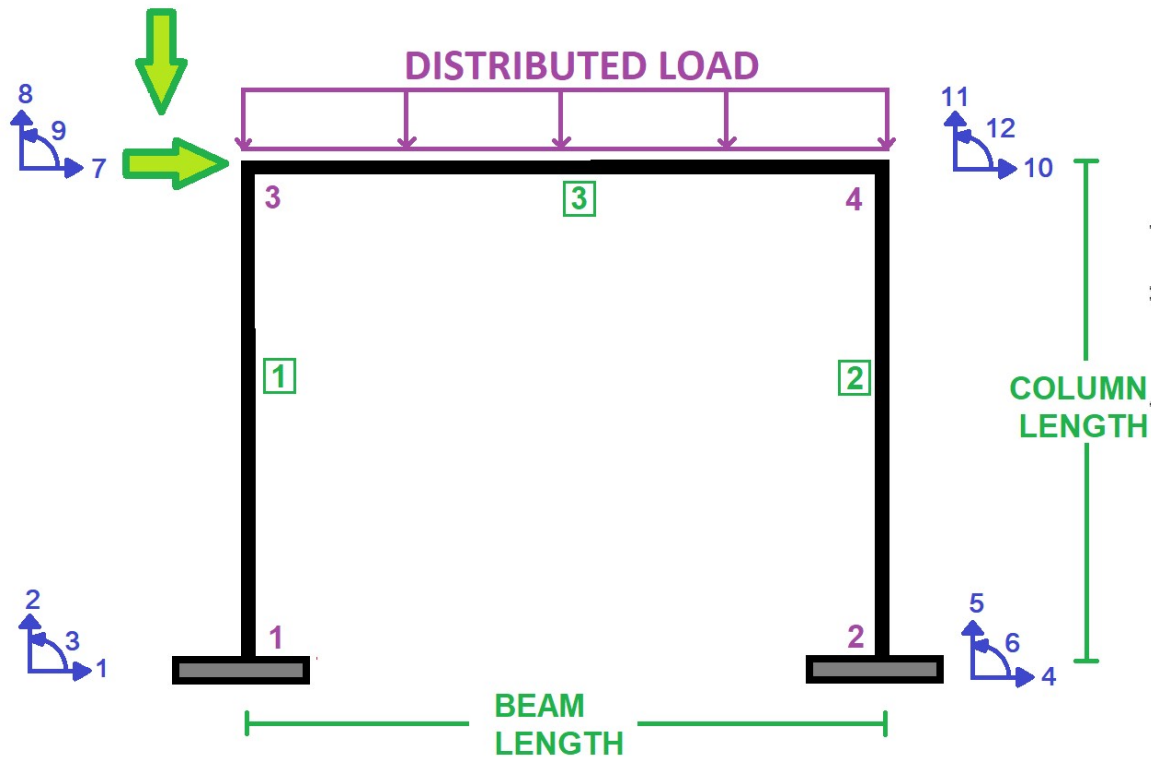


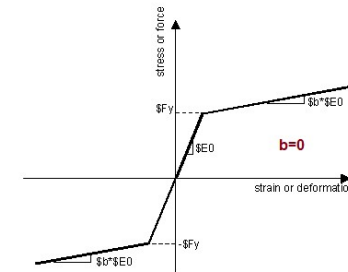
IN THE NAME OF ALLAH

**CREEP AND SHRINKAGE ANALYSIS OF CONCRETE FRAME.
EVALUATING STRAIN HARDENING
AND ULTIMATE STRAIN CRITERIA USING OPENSEES AND CALCULATE
STRUCTURAL BEHAVIOR COEFFICIENT**

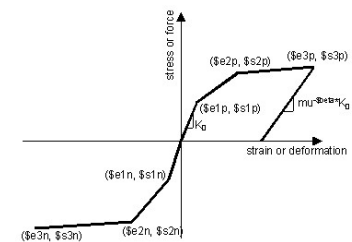
WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)



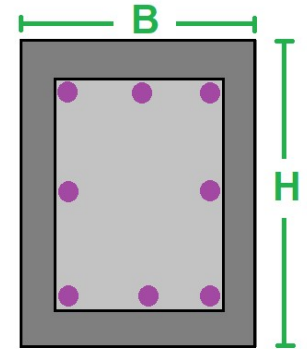
CORE AND COVER CONCRETE REALTION



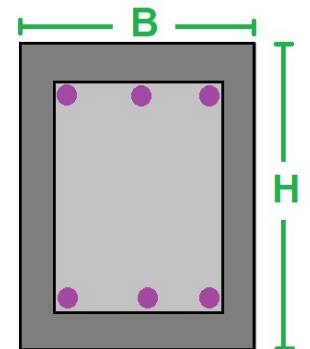
WITHOUT HARDENING AND ULTIMATE STRAIN



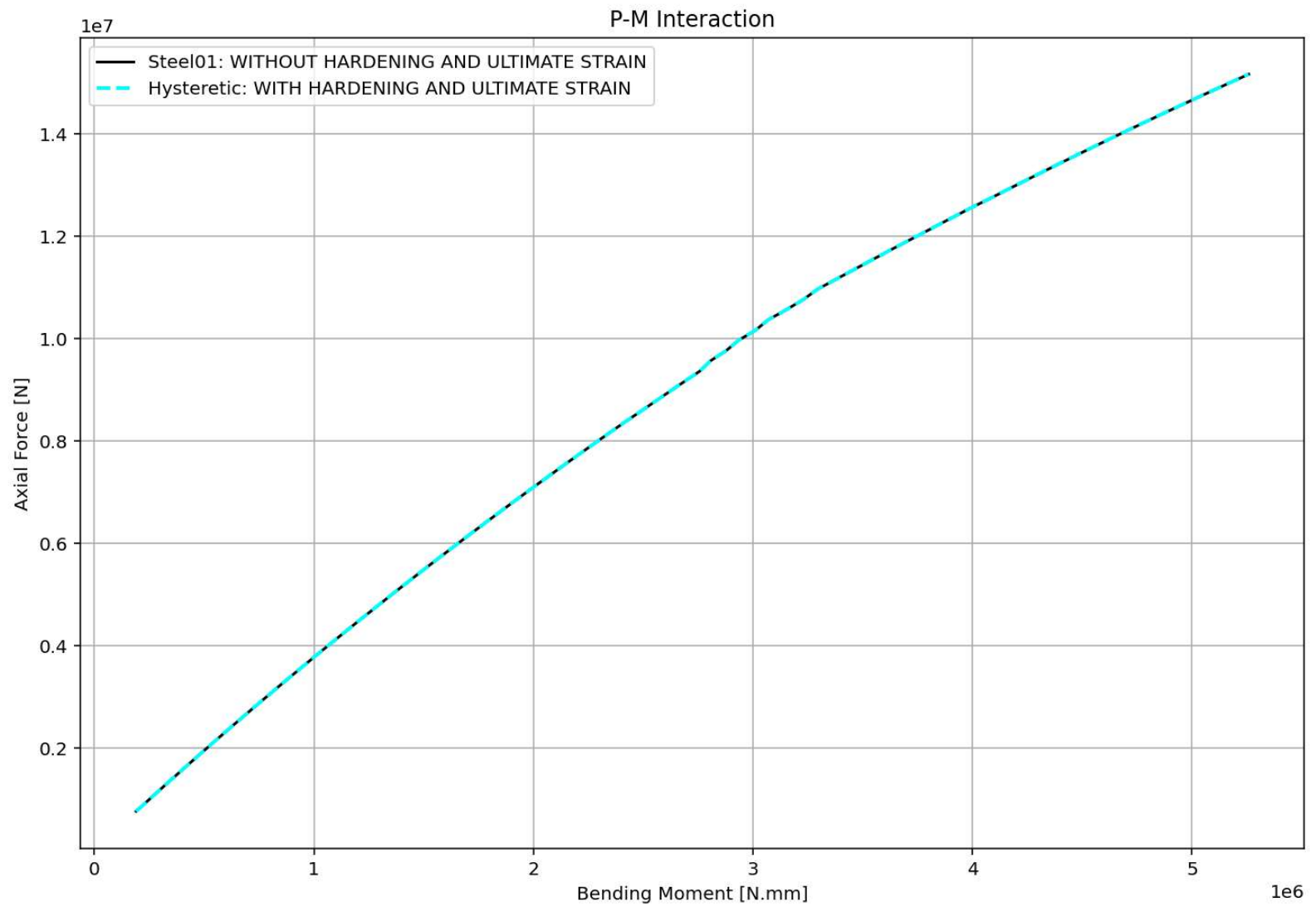
WITH HARDENING AND ULTIMATE STRAIN

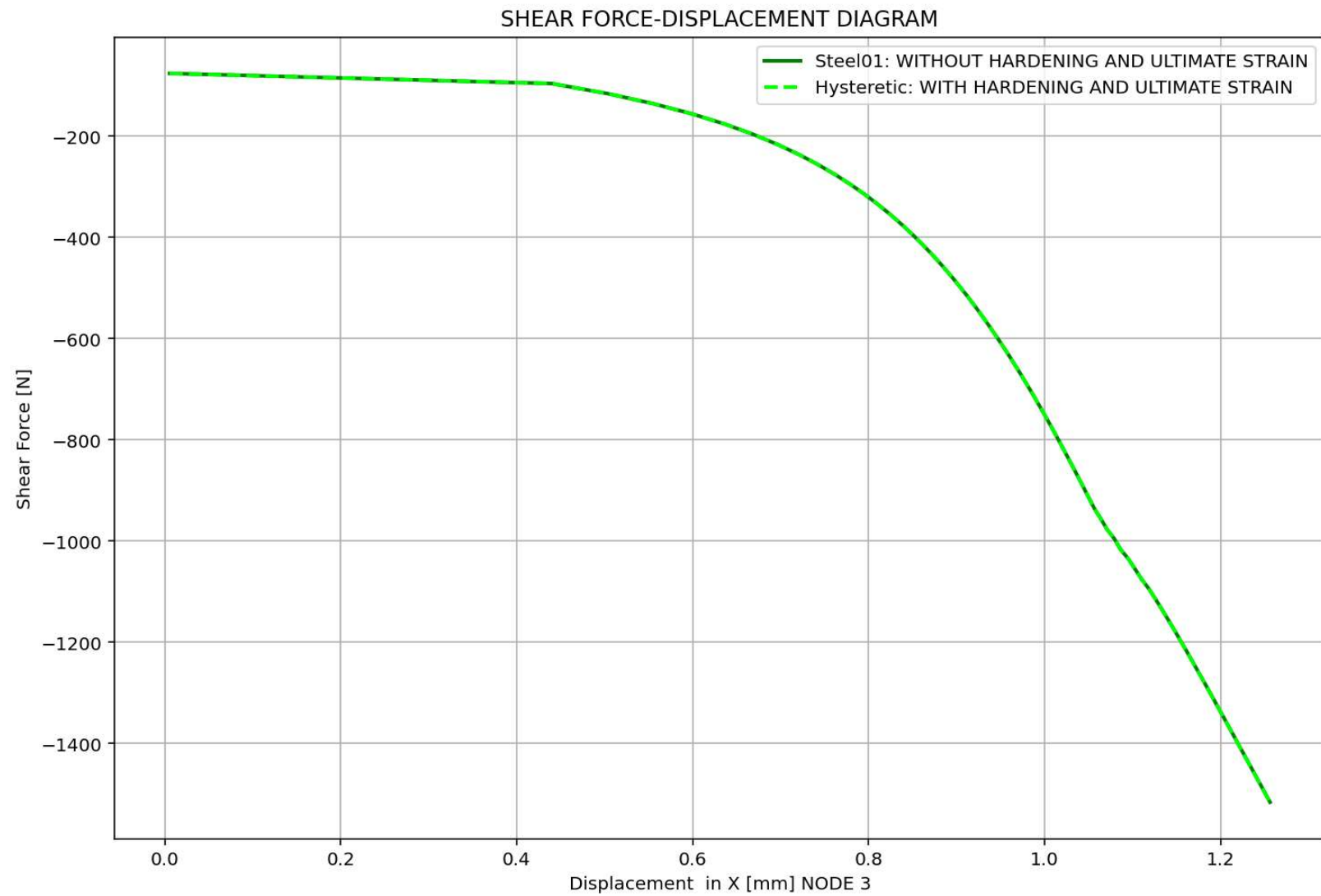


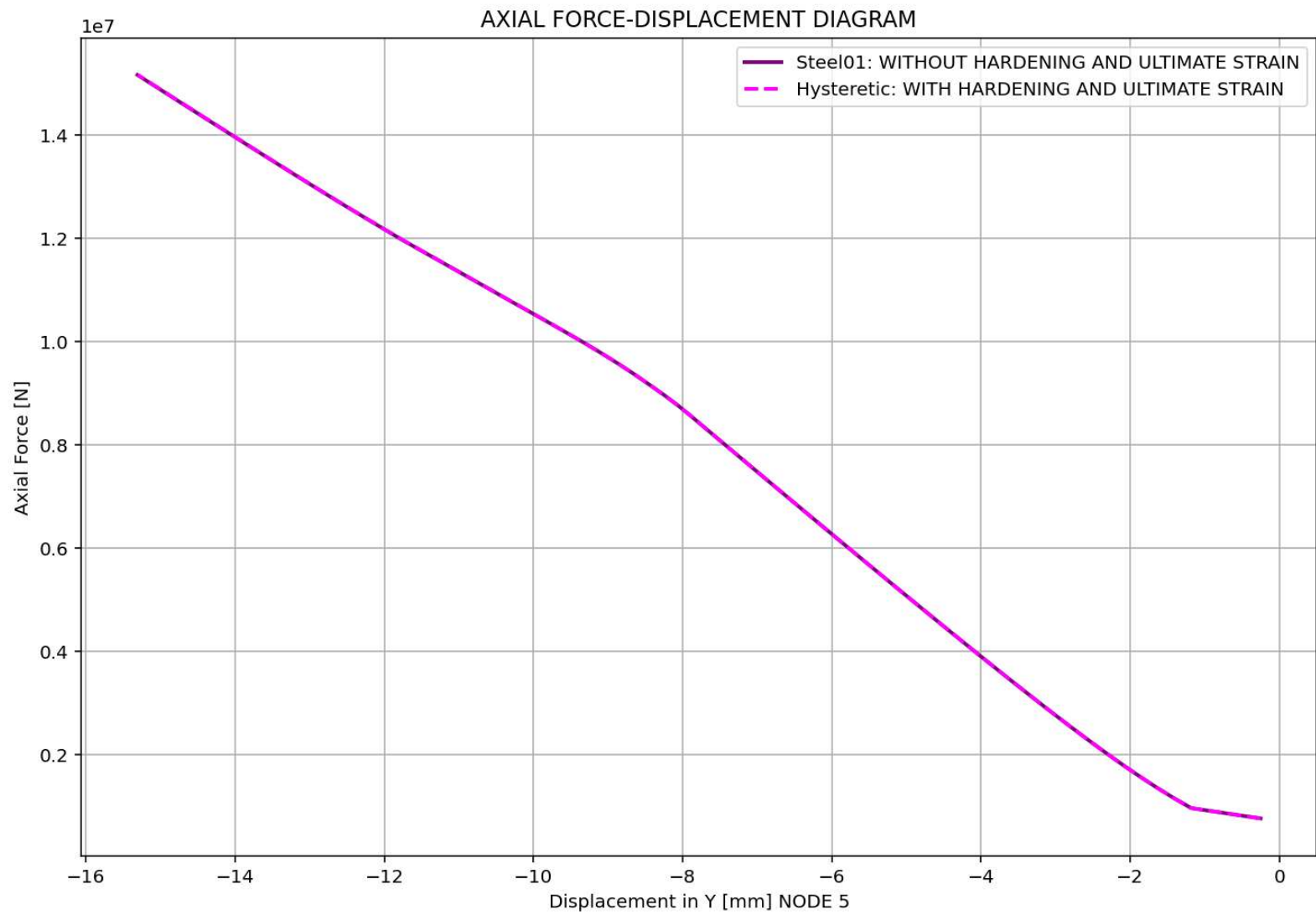
COLUMN SECTION

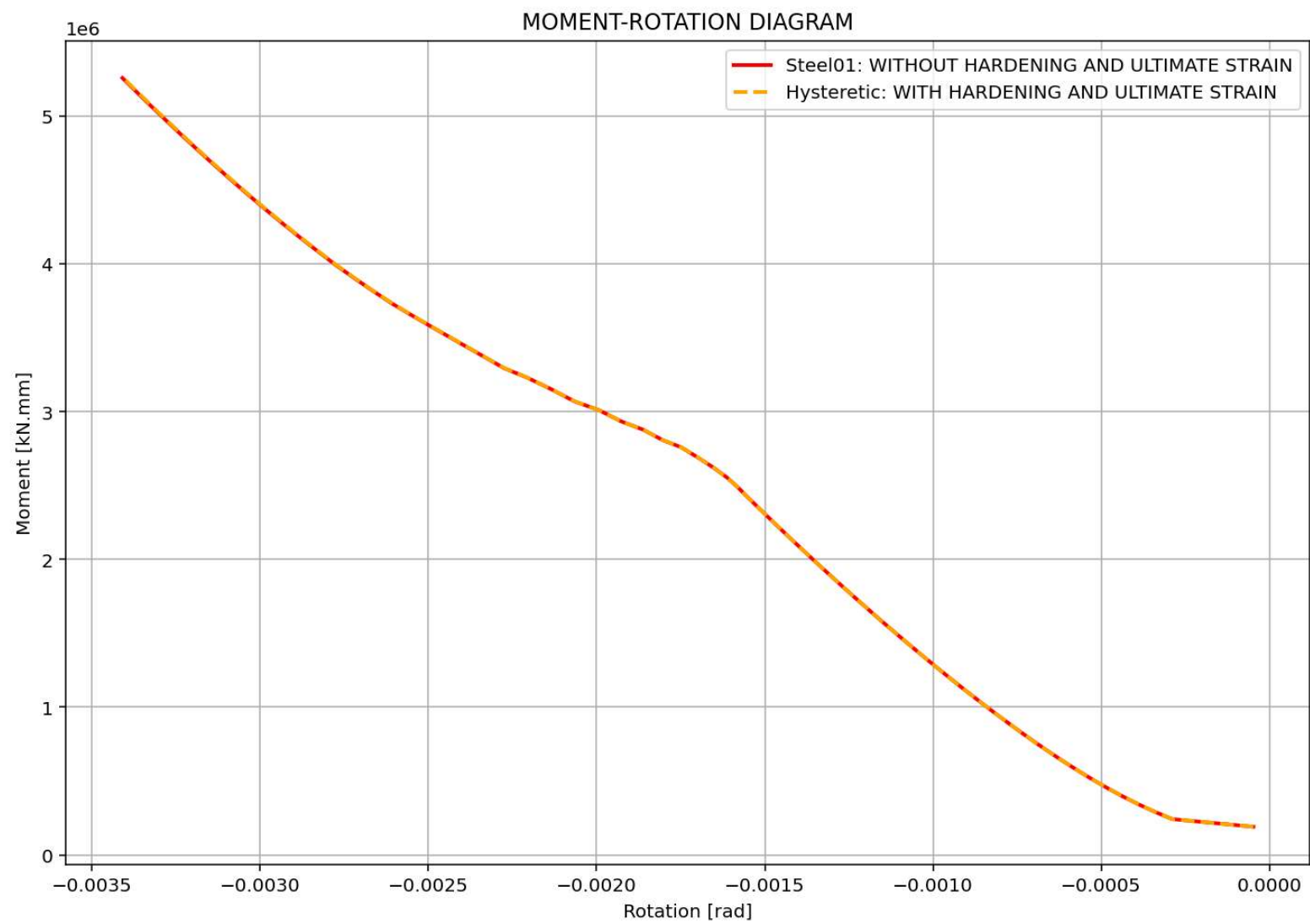


BEAM SECTION

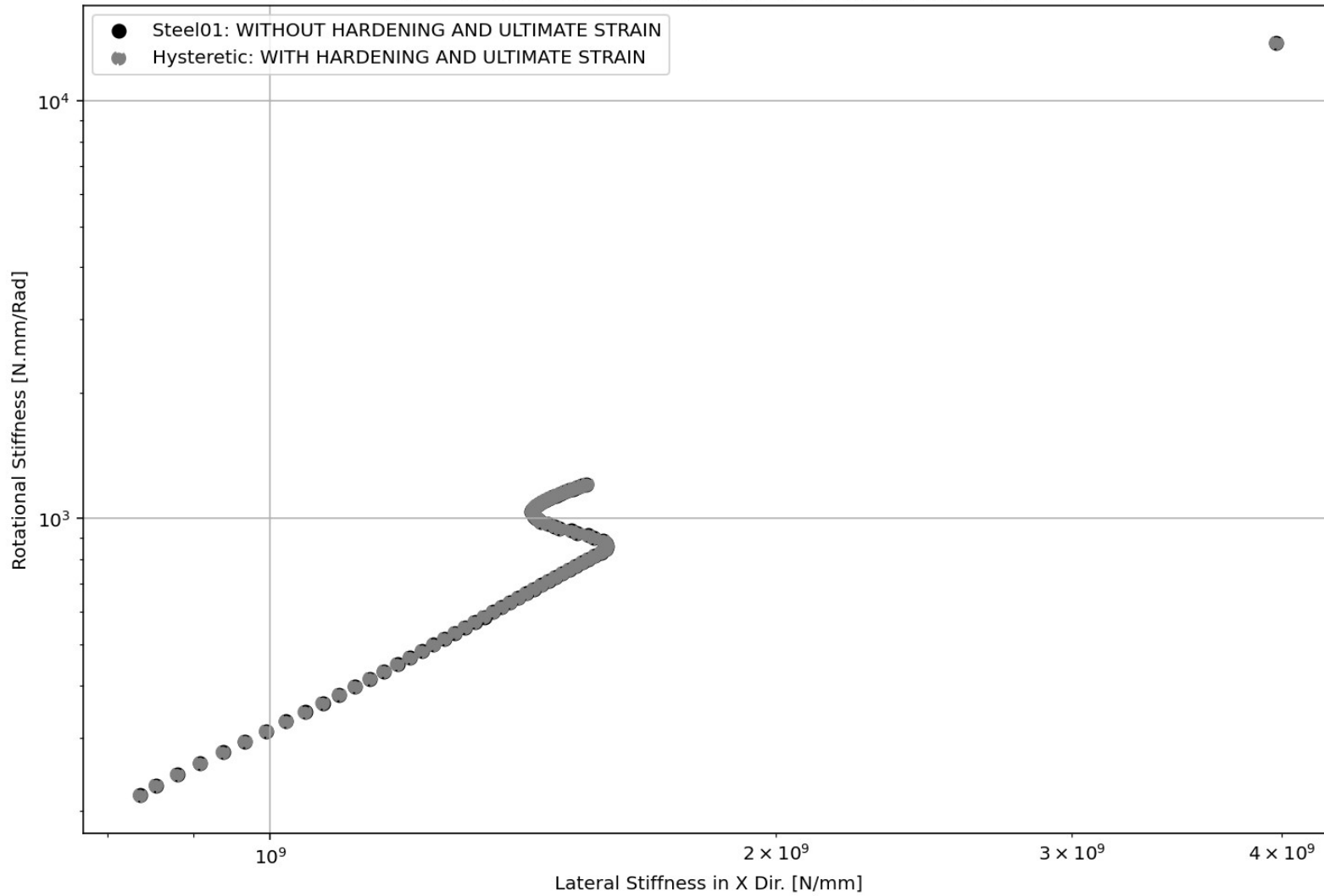




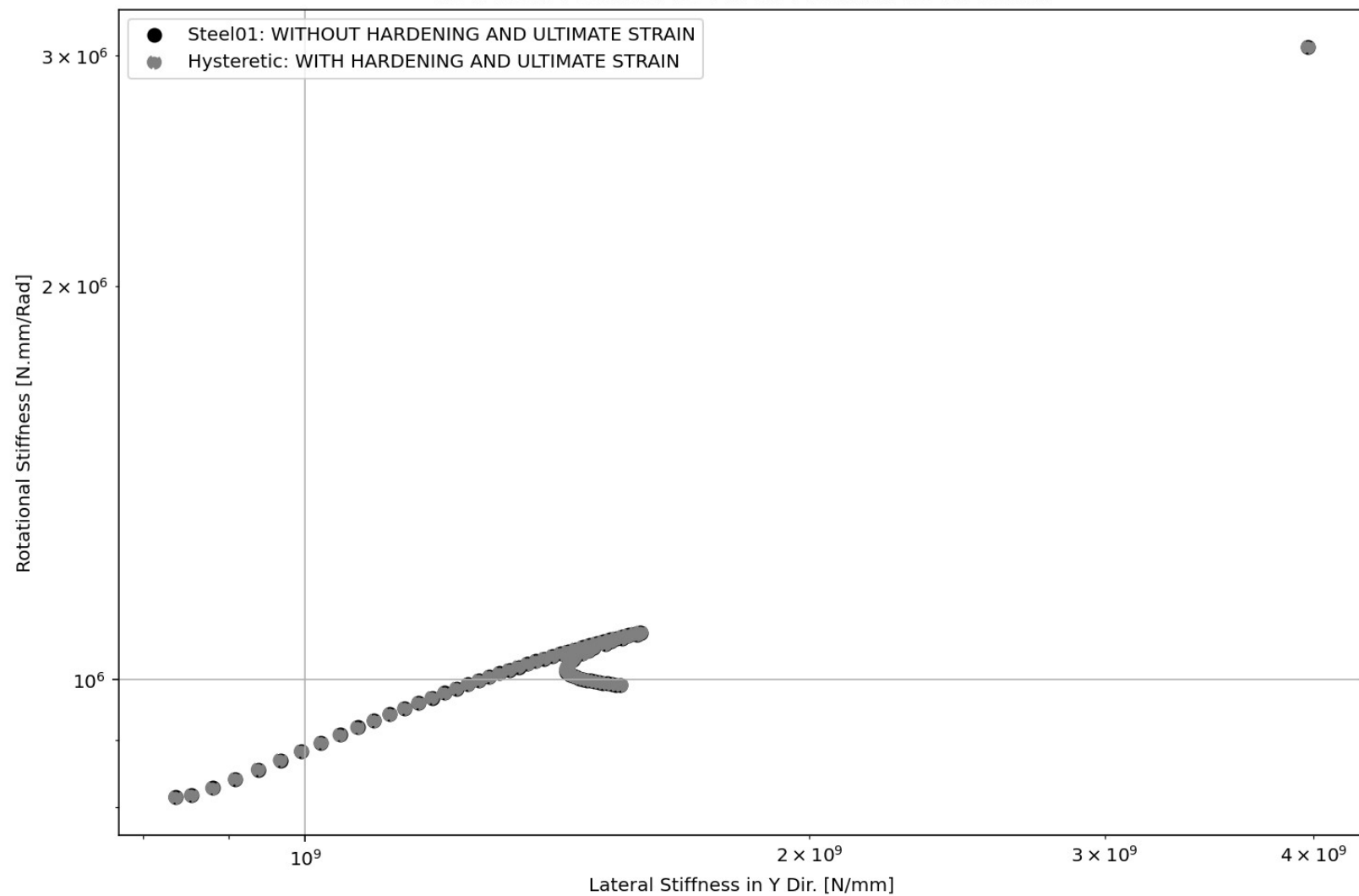


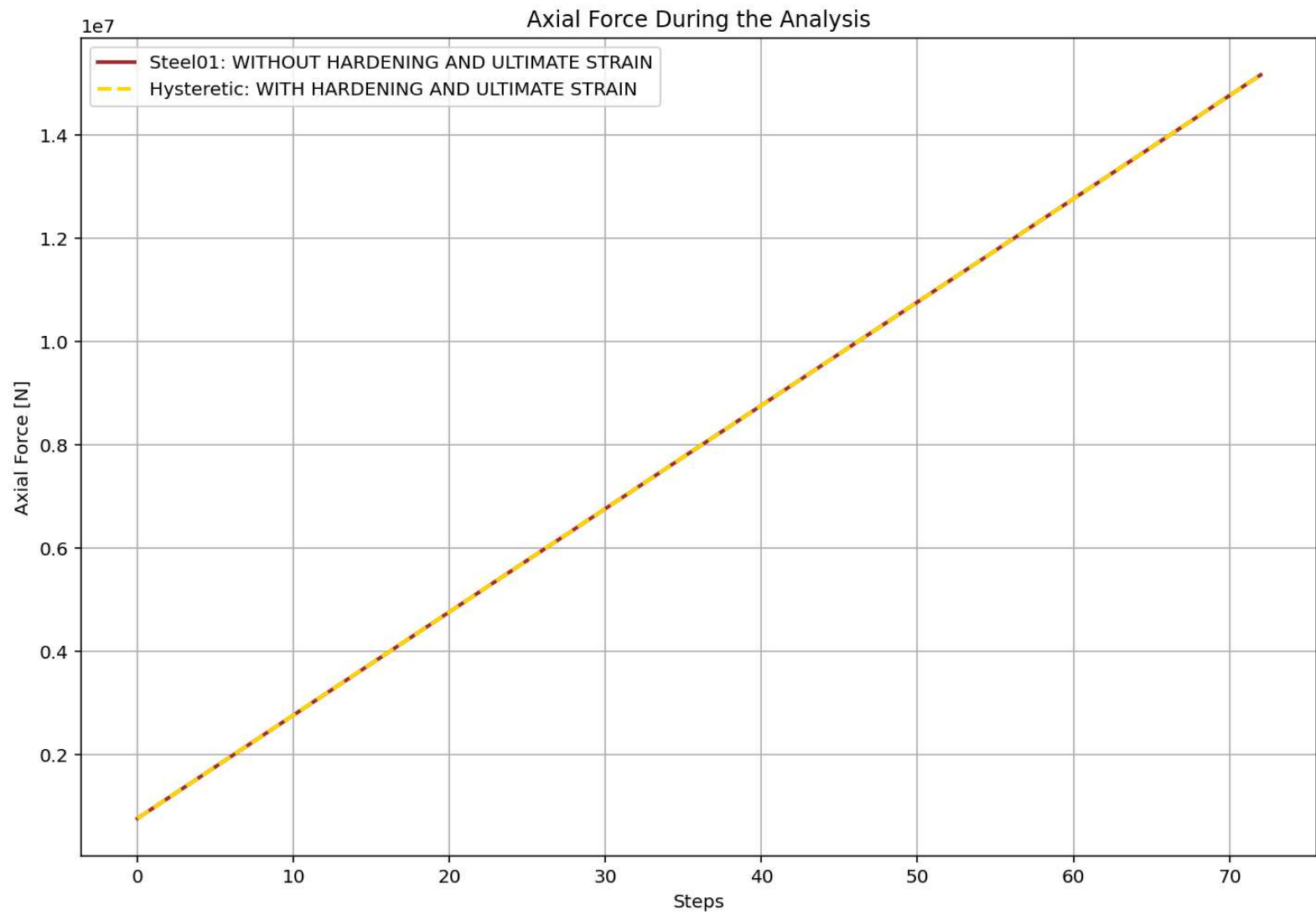


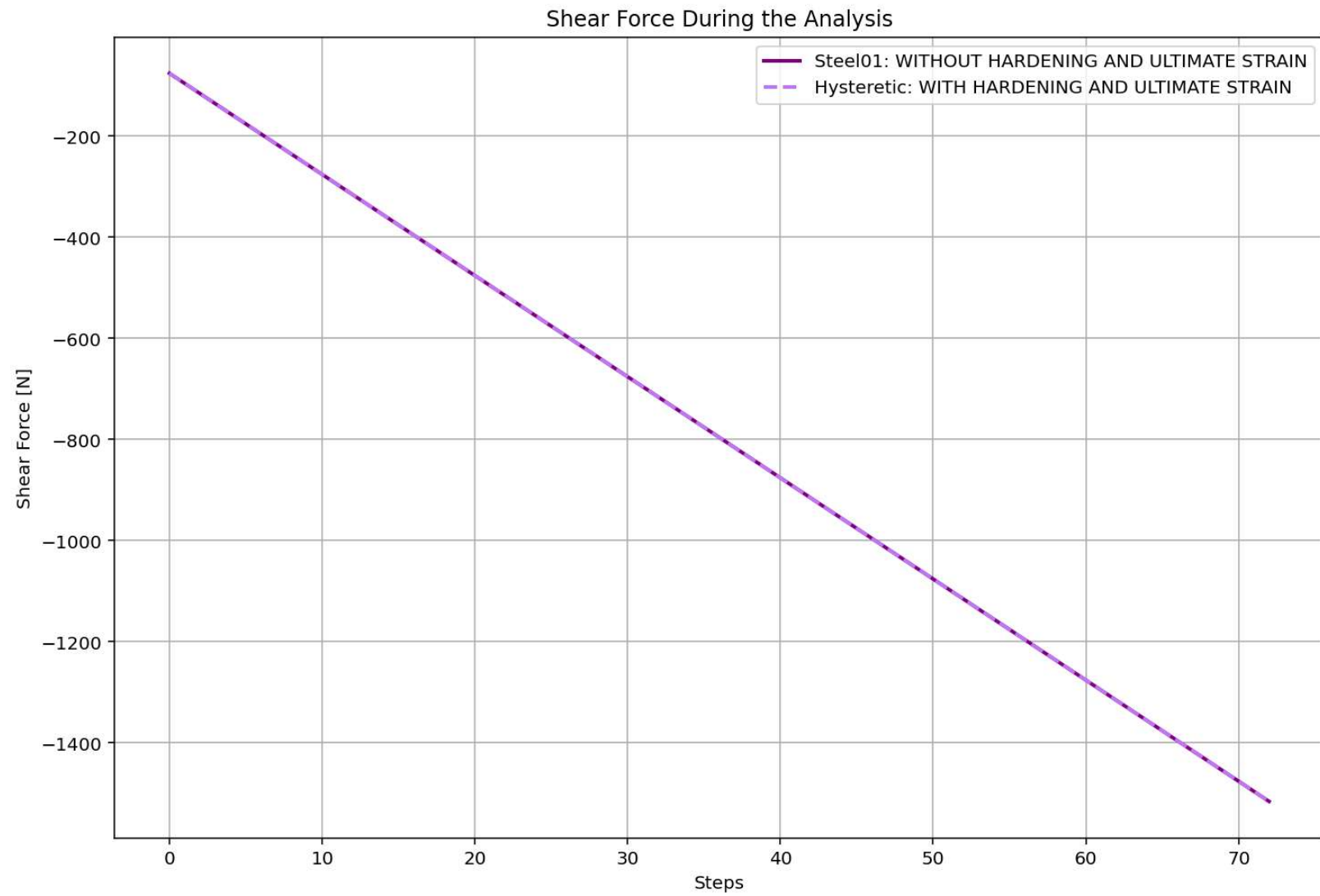
ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM

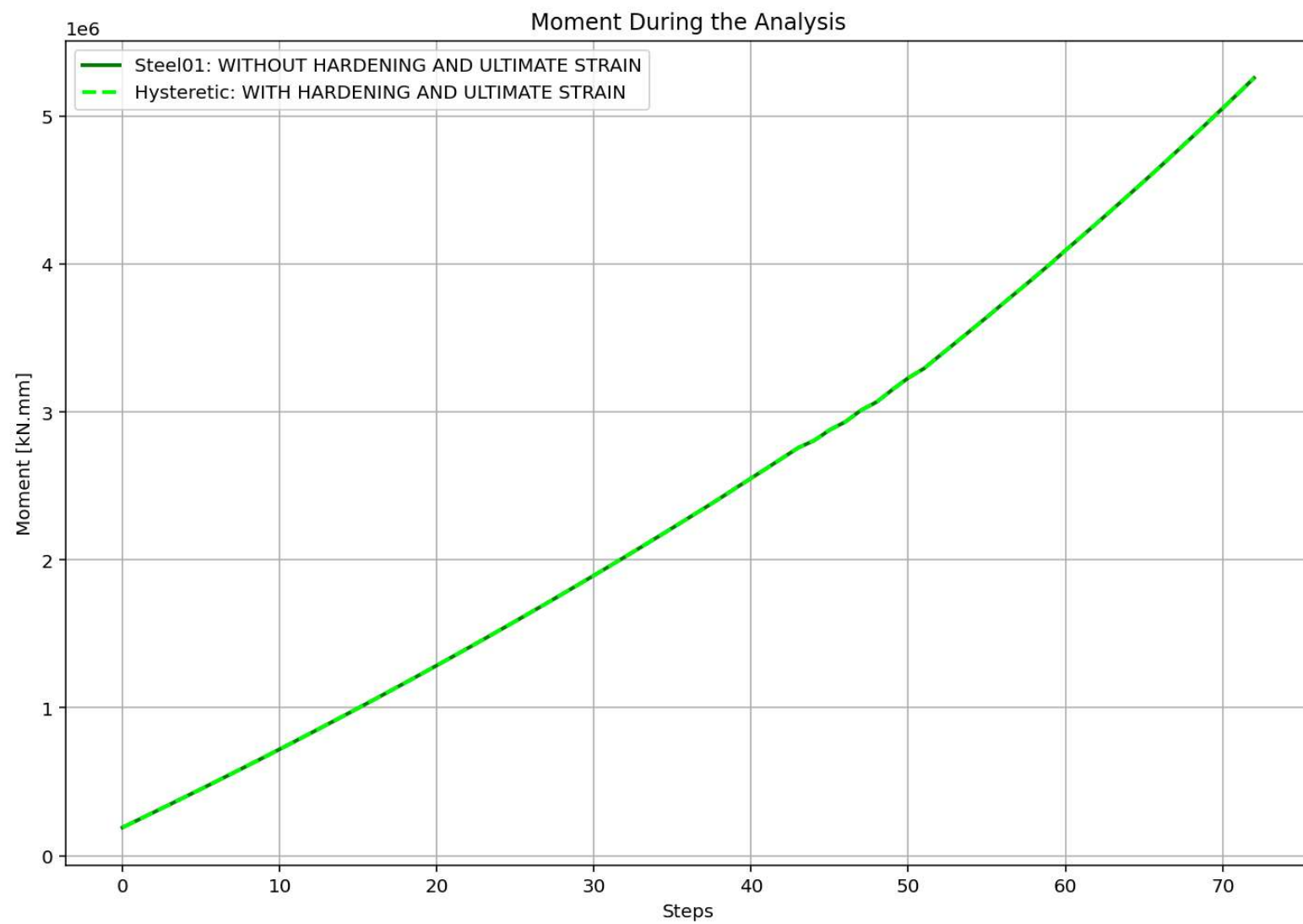


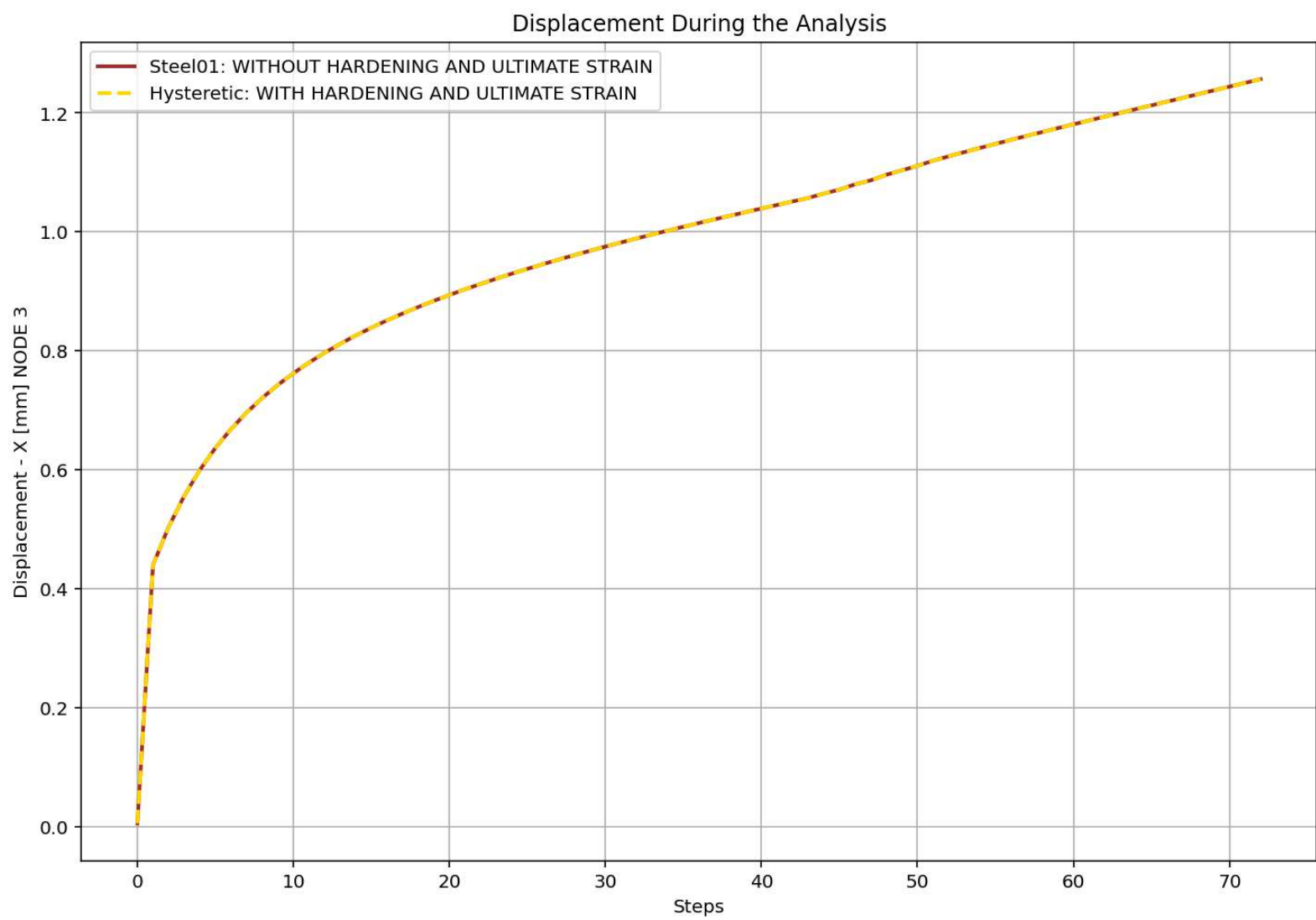
ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM

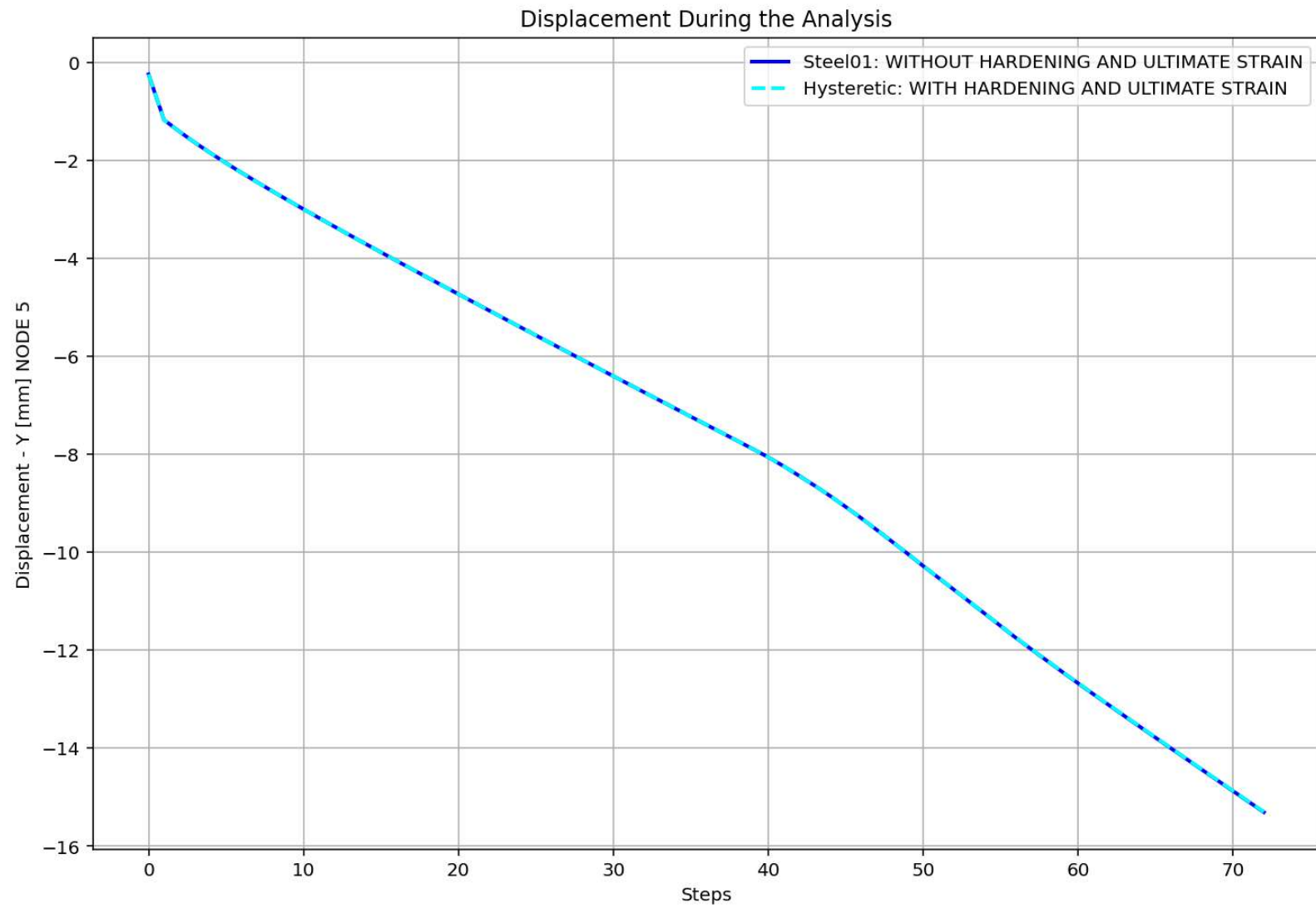


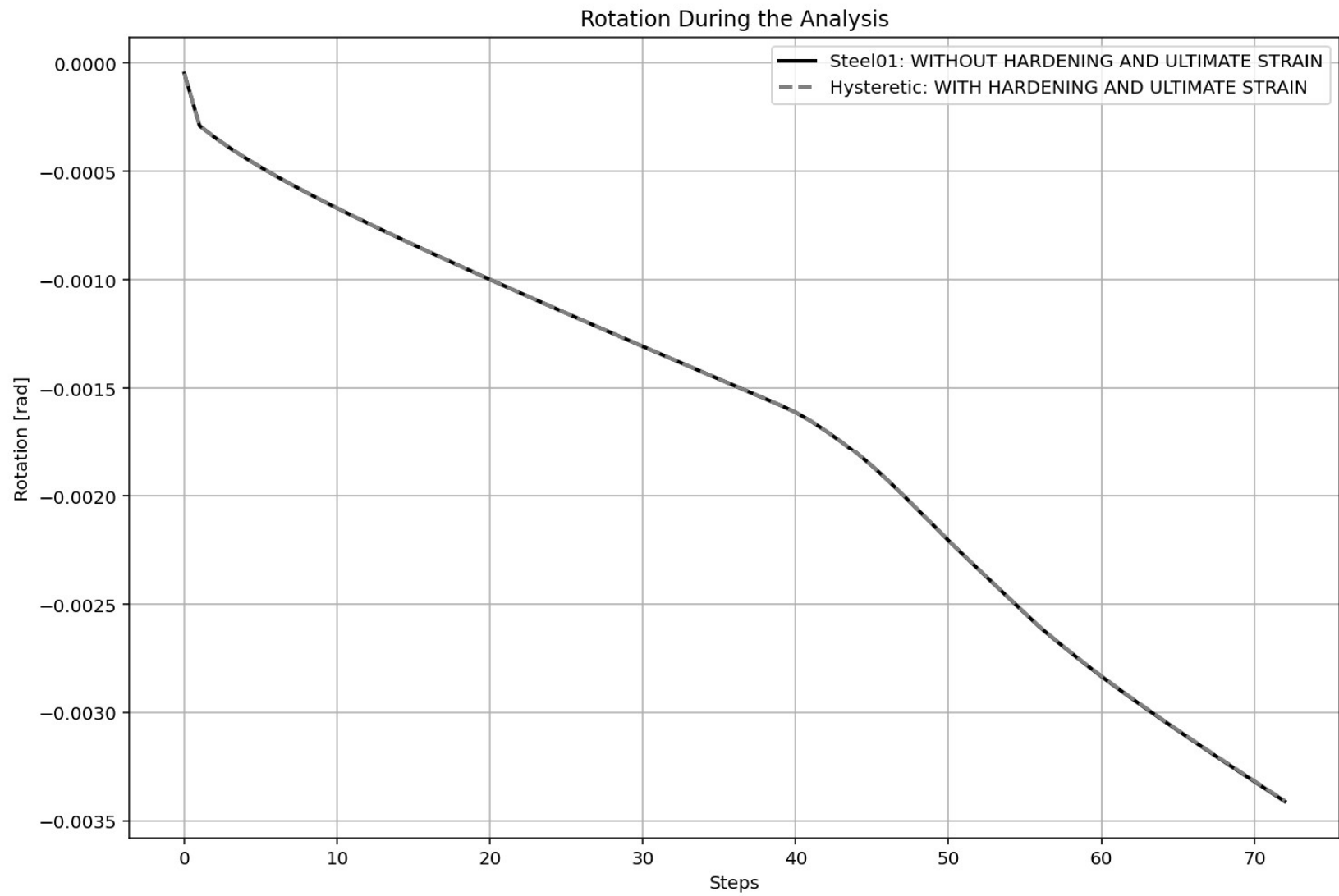












Last Data of BaseShear-Displacement Analysis - Ductility Ratio: 1.4512 - Over Strength Factor: 4.8355

