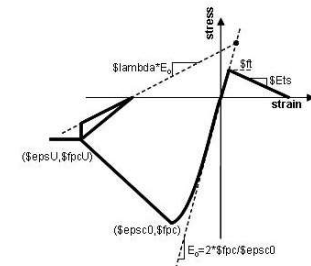
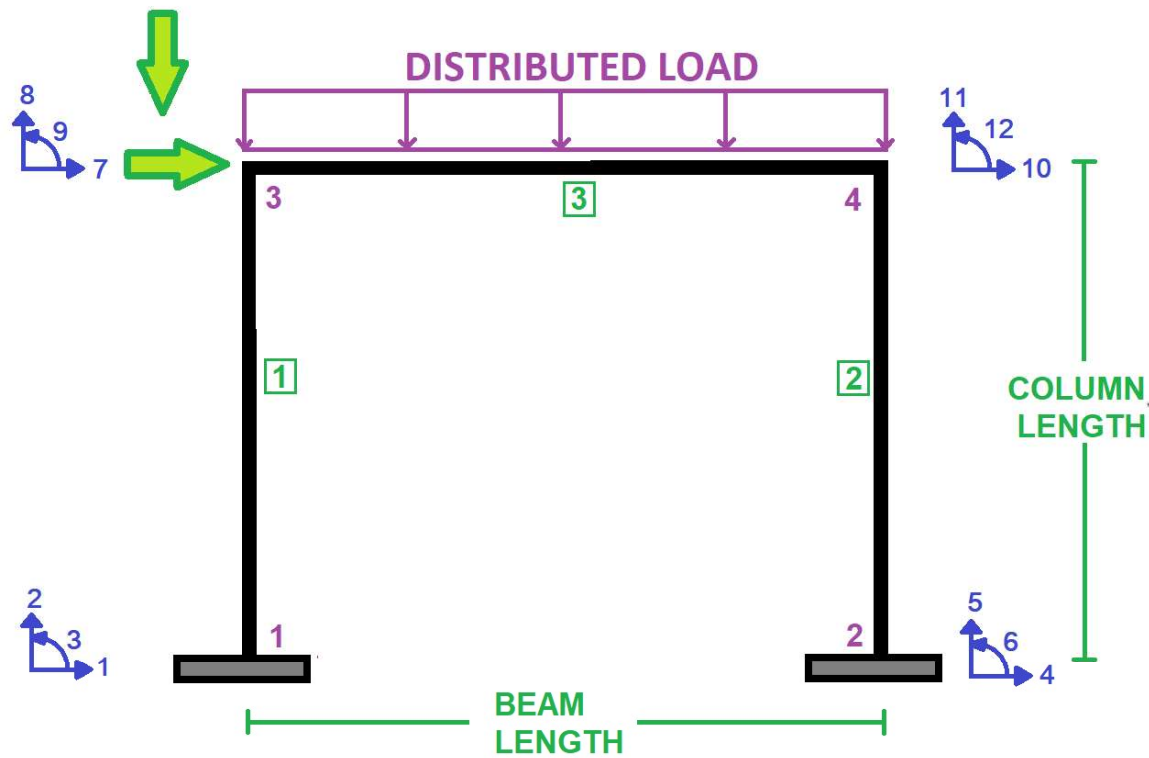


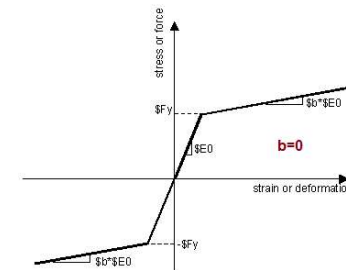
IN THE NAME OF ALLAH

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

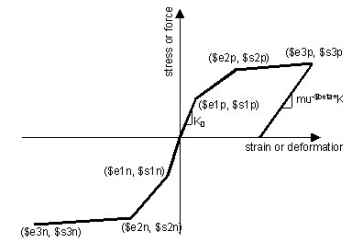
WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)



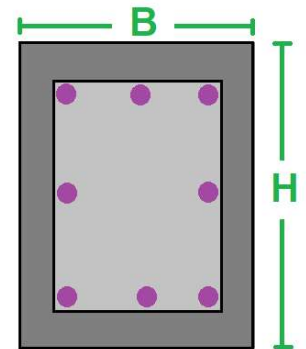
CORE AND COVER CONCRETE REALTION



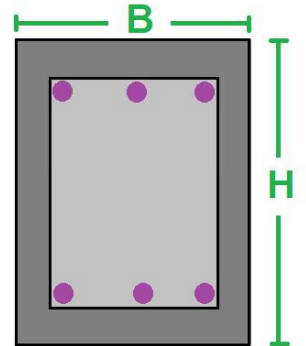
WITHOUT HARDENING AND ULTIMATE STRAIN



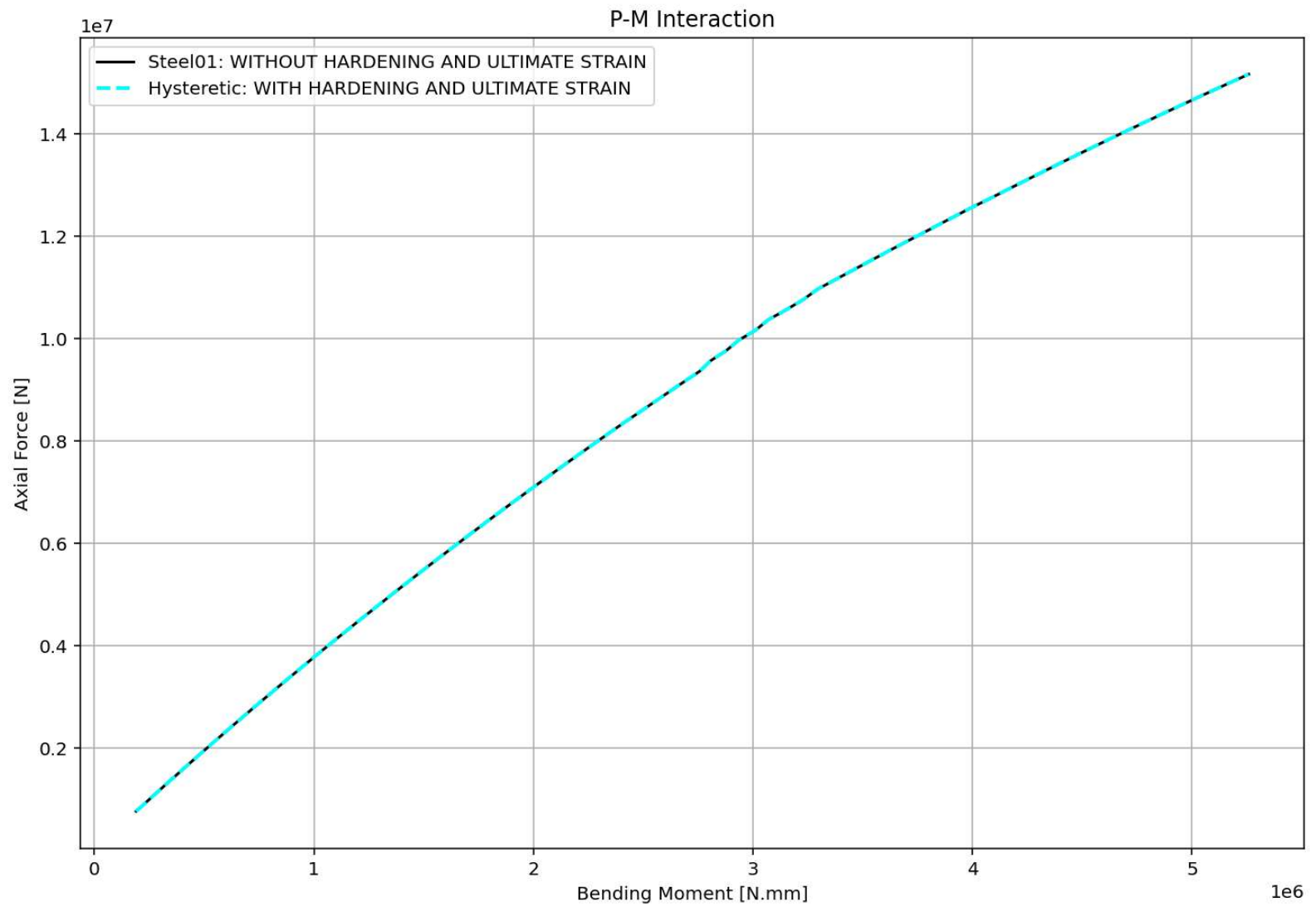
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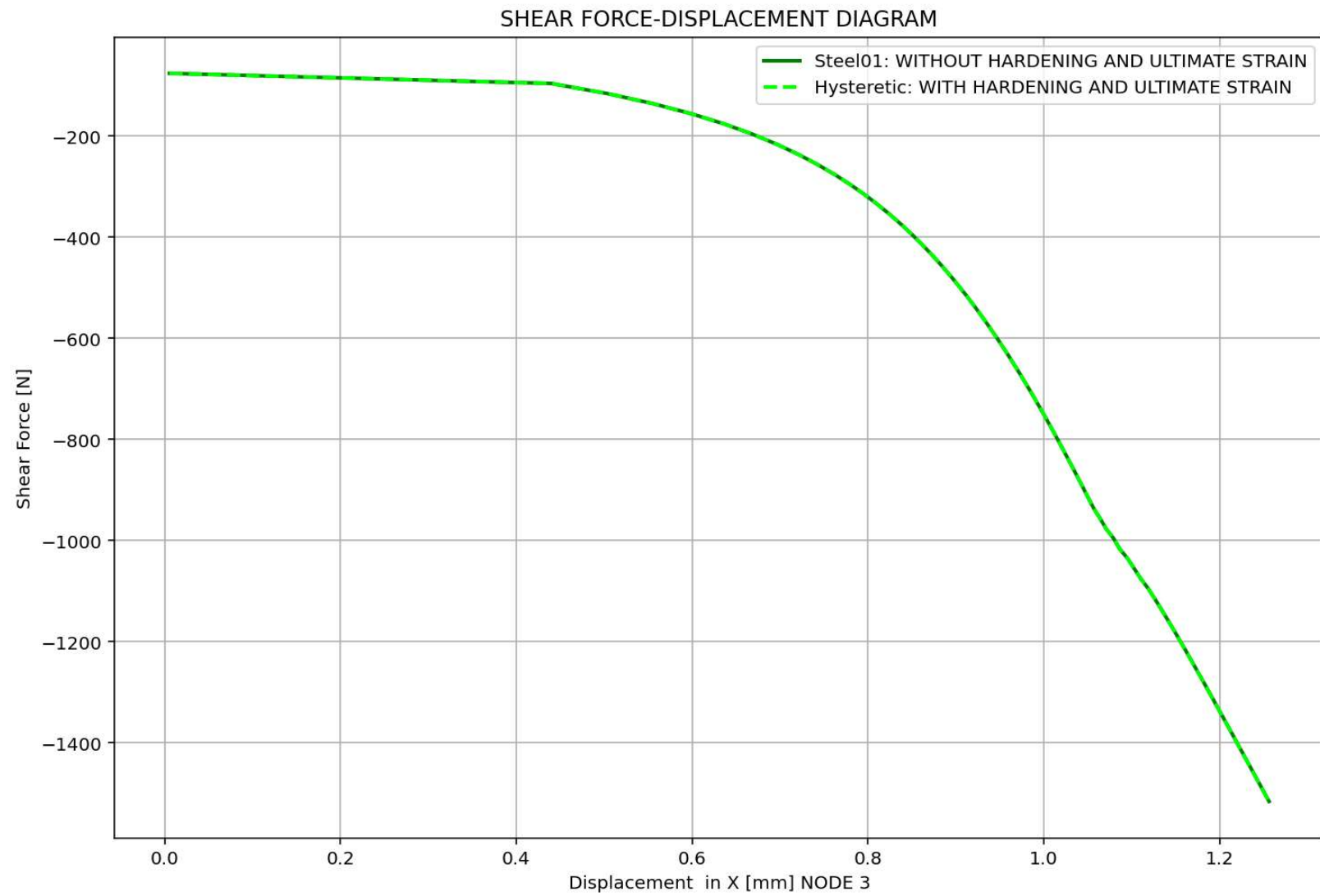


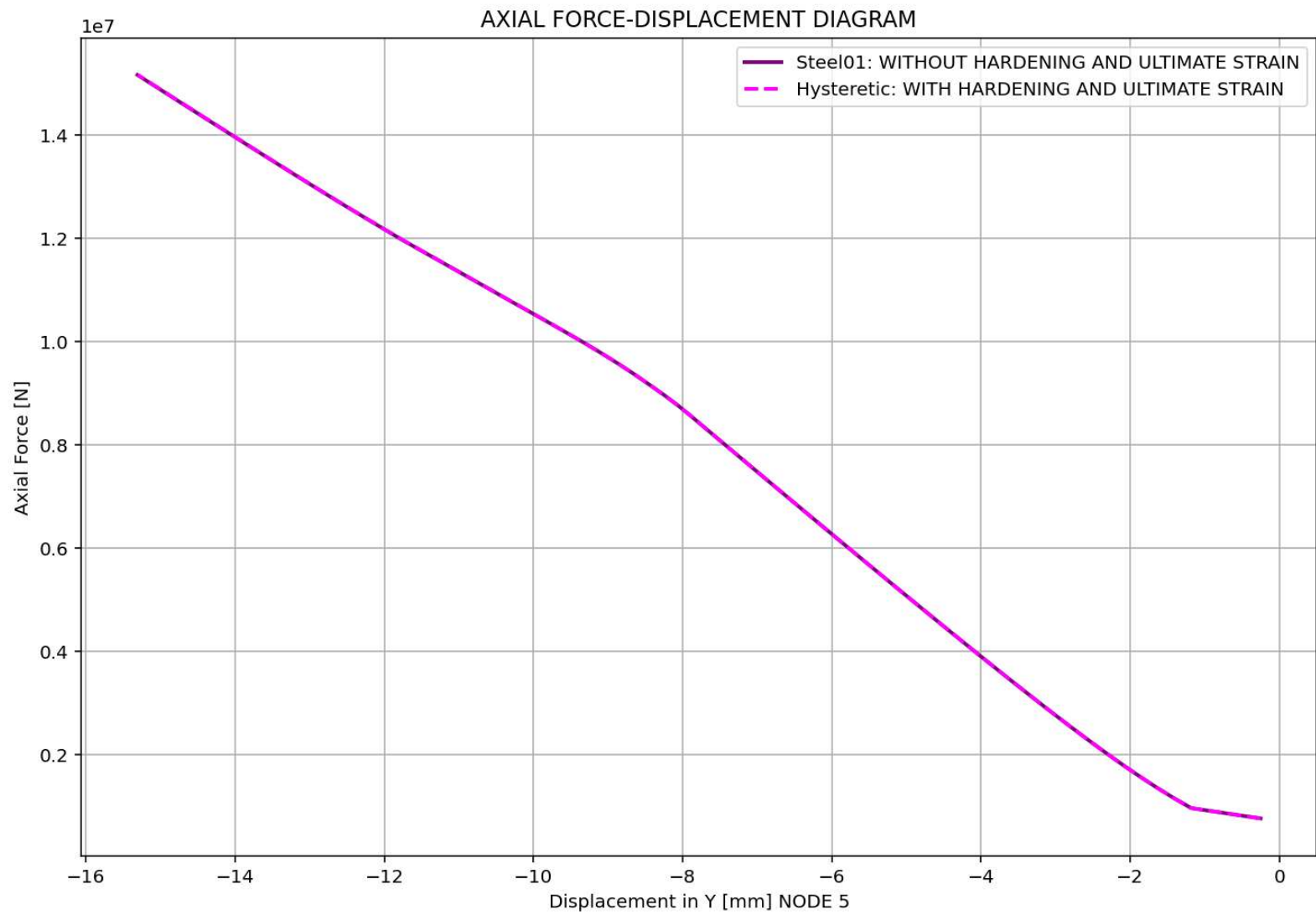
COLUMN SECTION

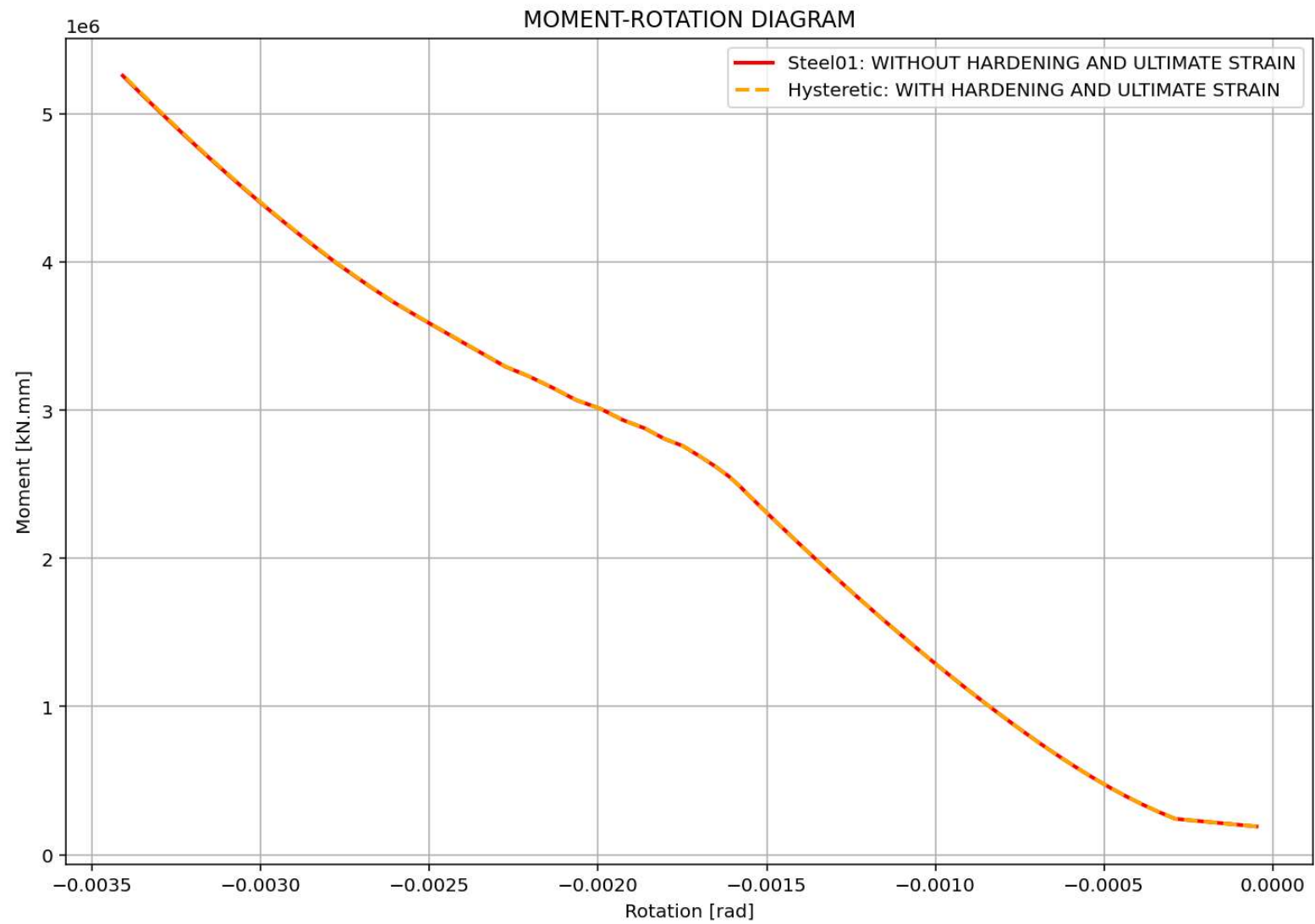


BEAM SECTION

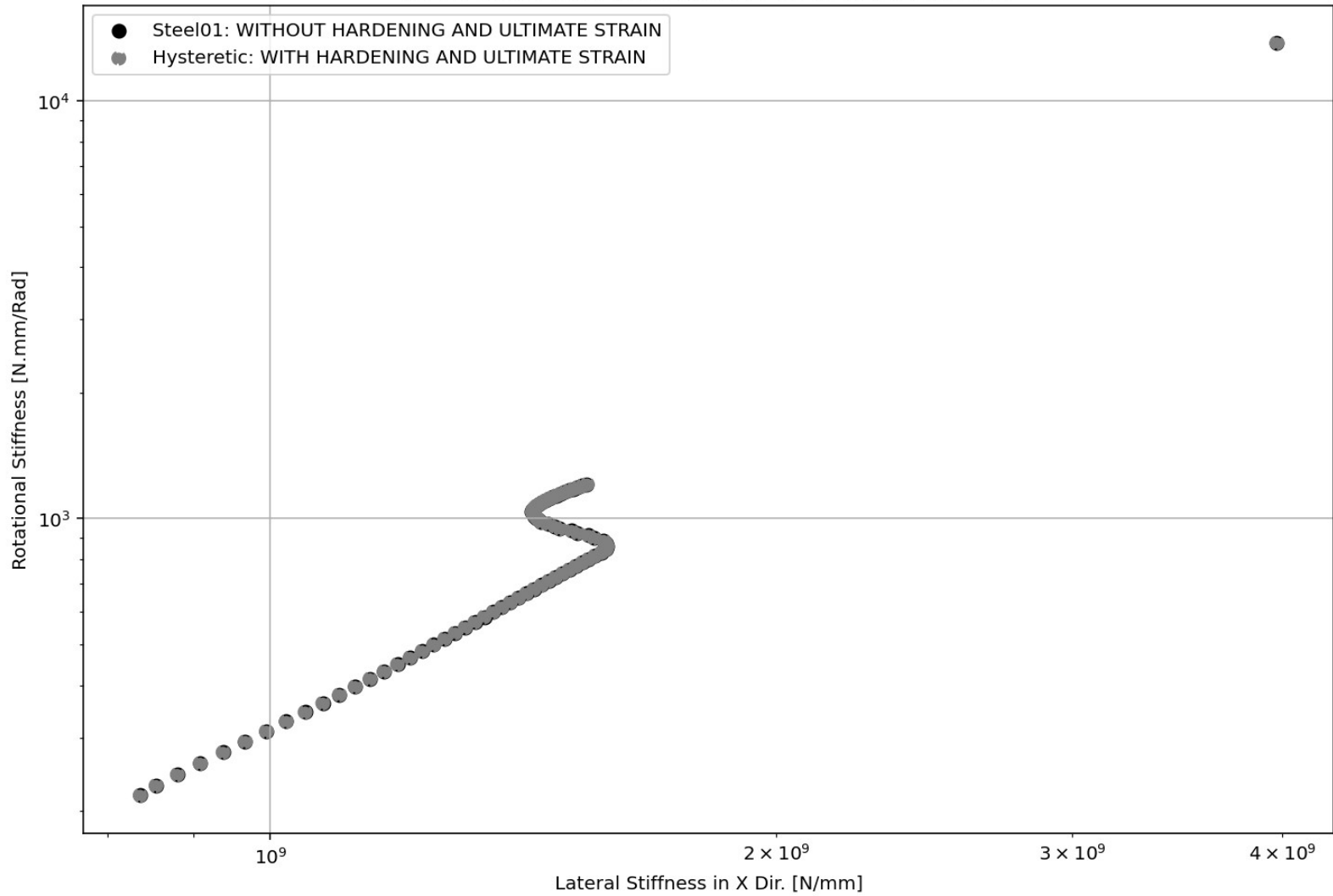




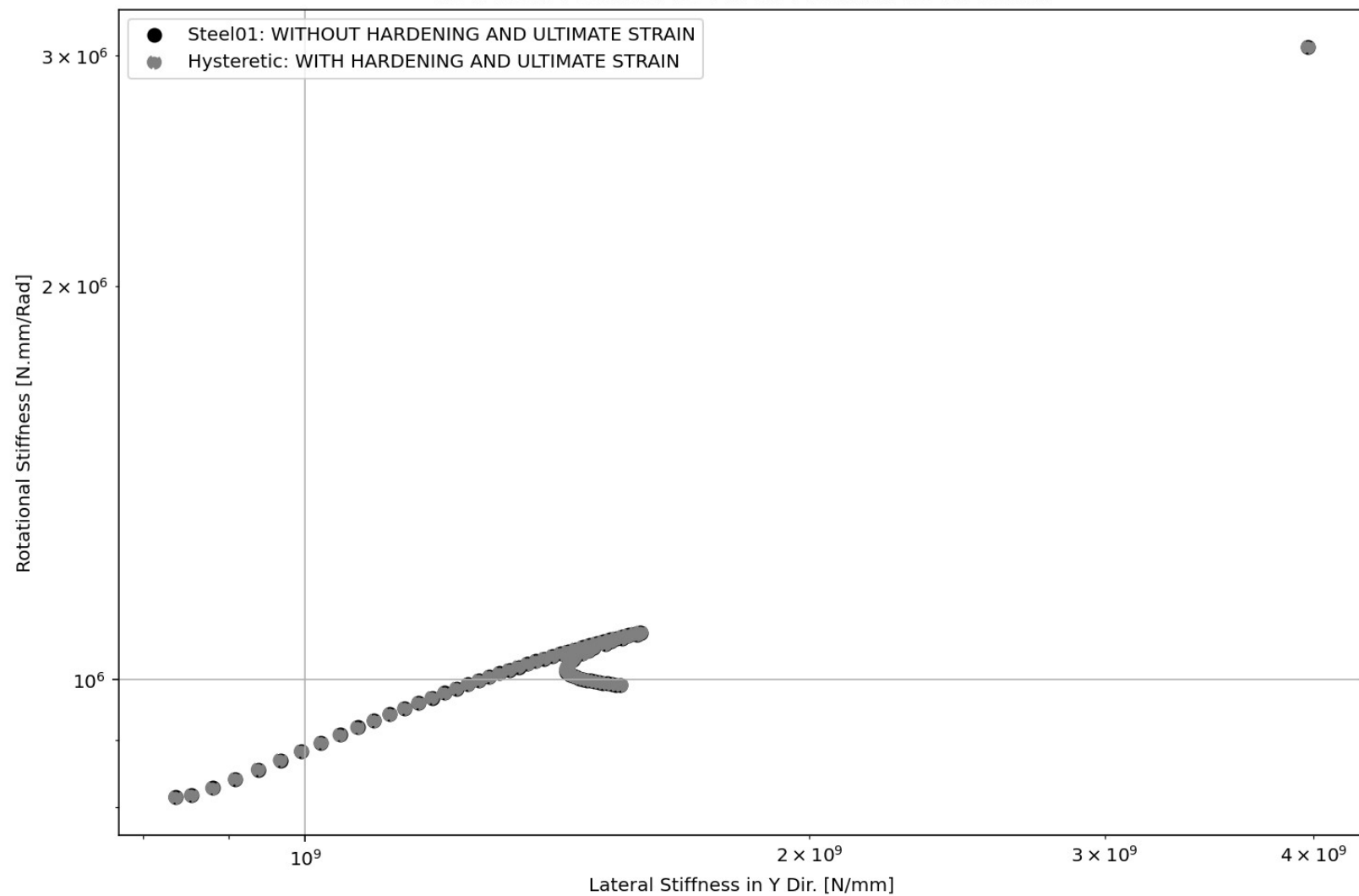




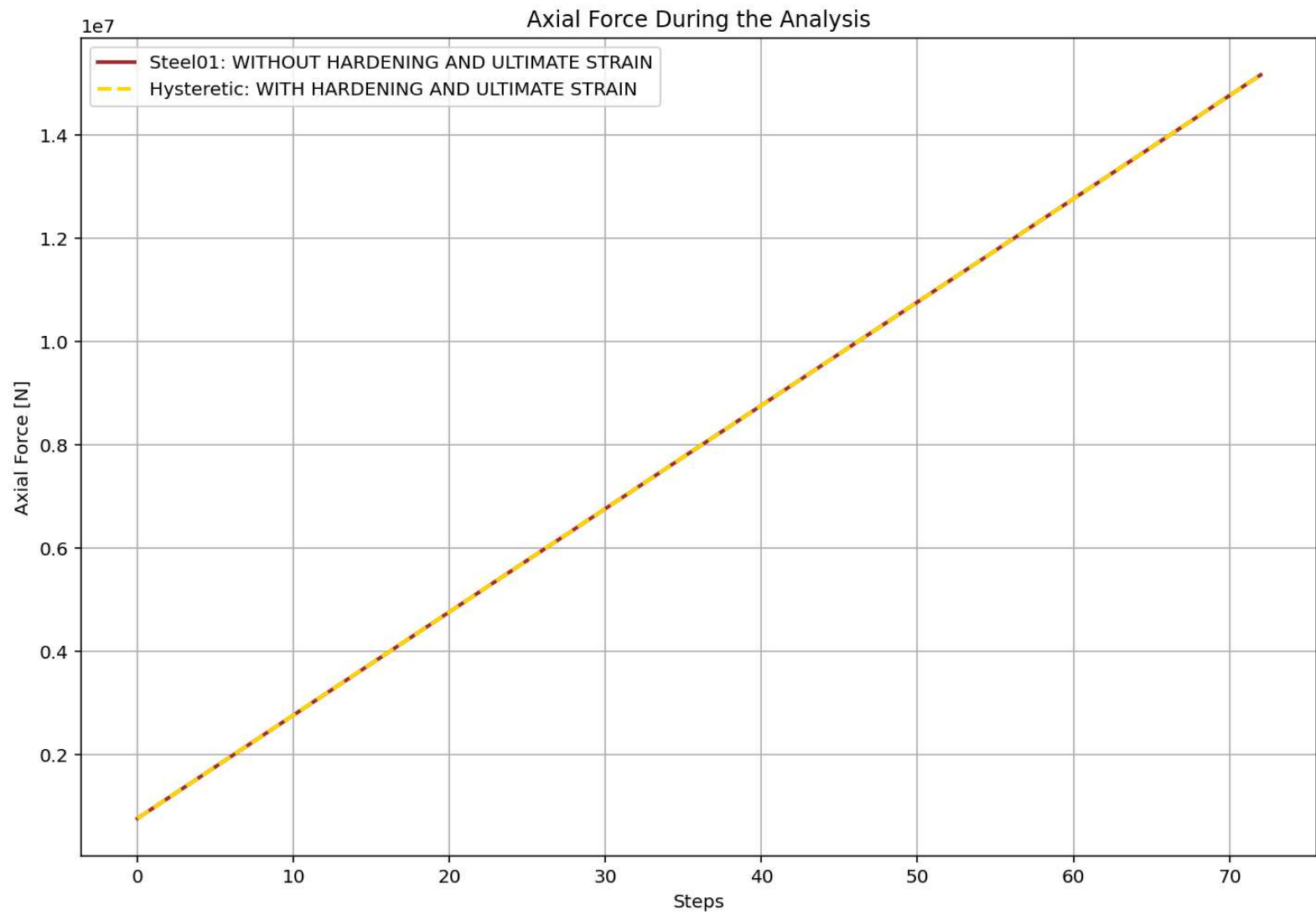
ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM

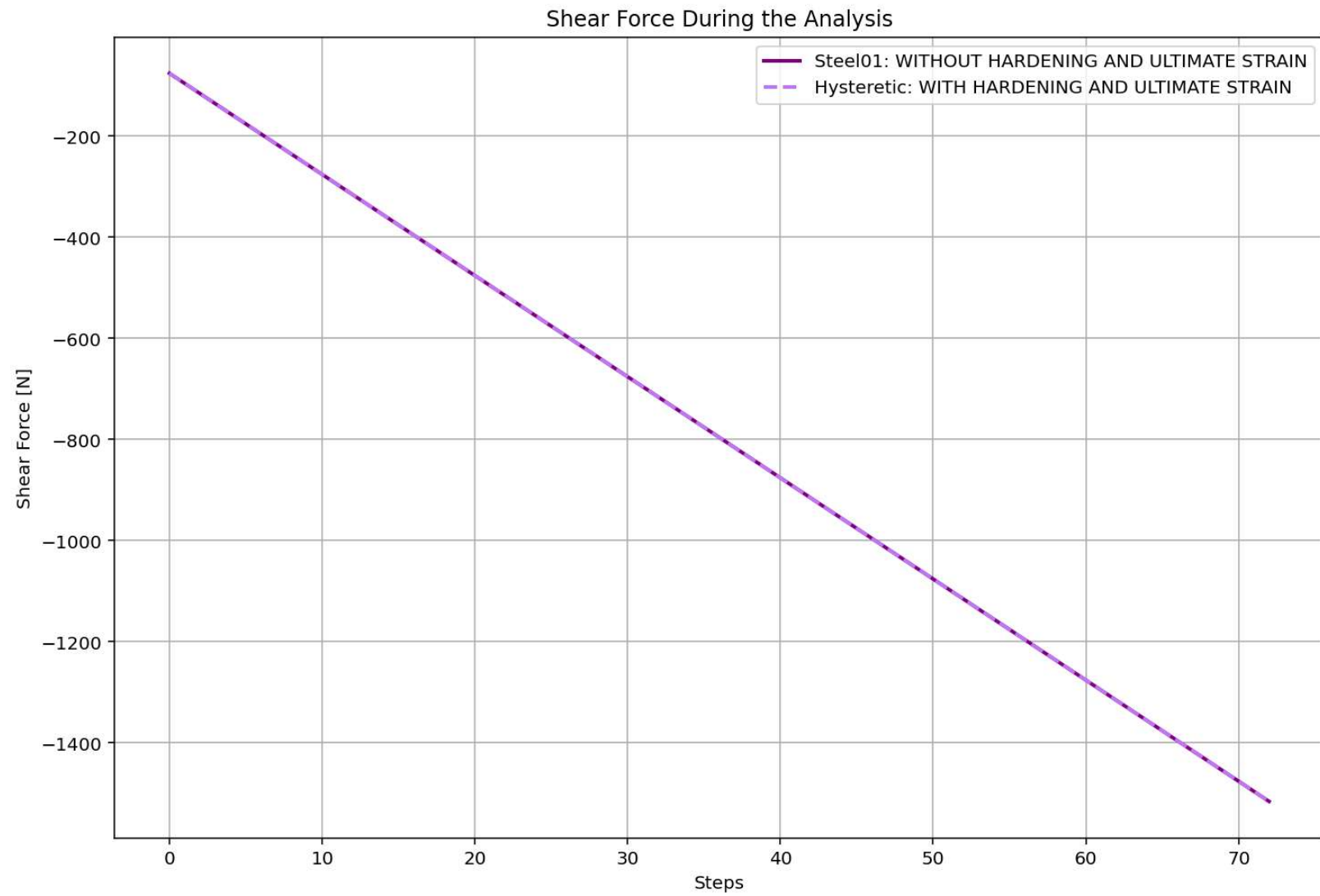


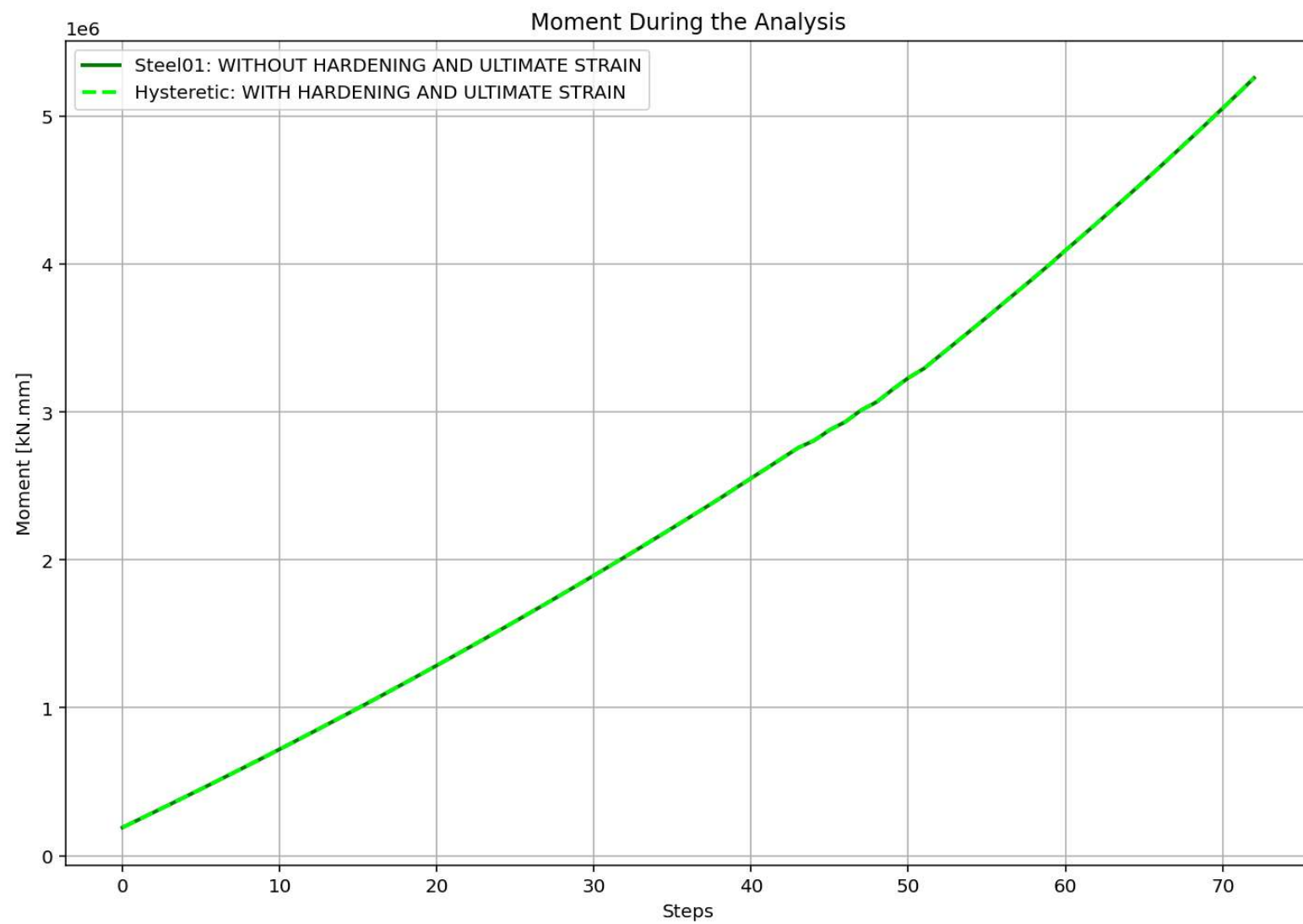
ROTATIONAL STIFFNESS-LATERAL STIFFNESS DIAGRAM

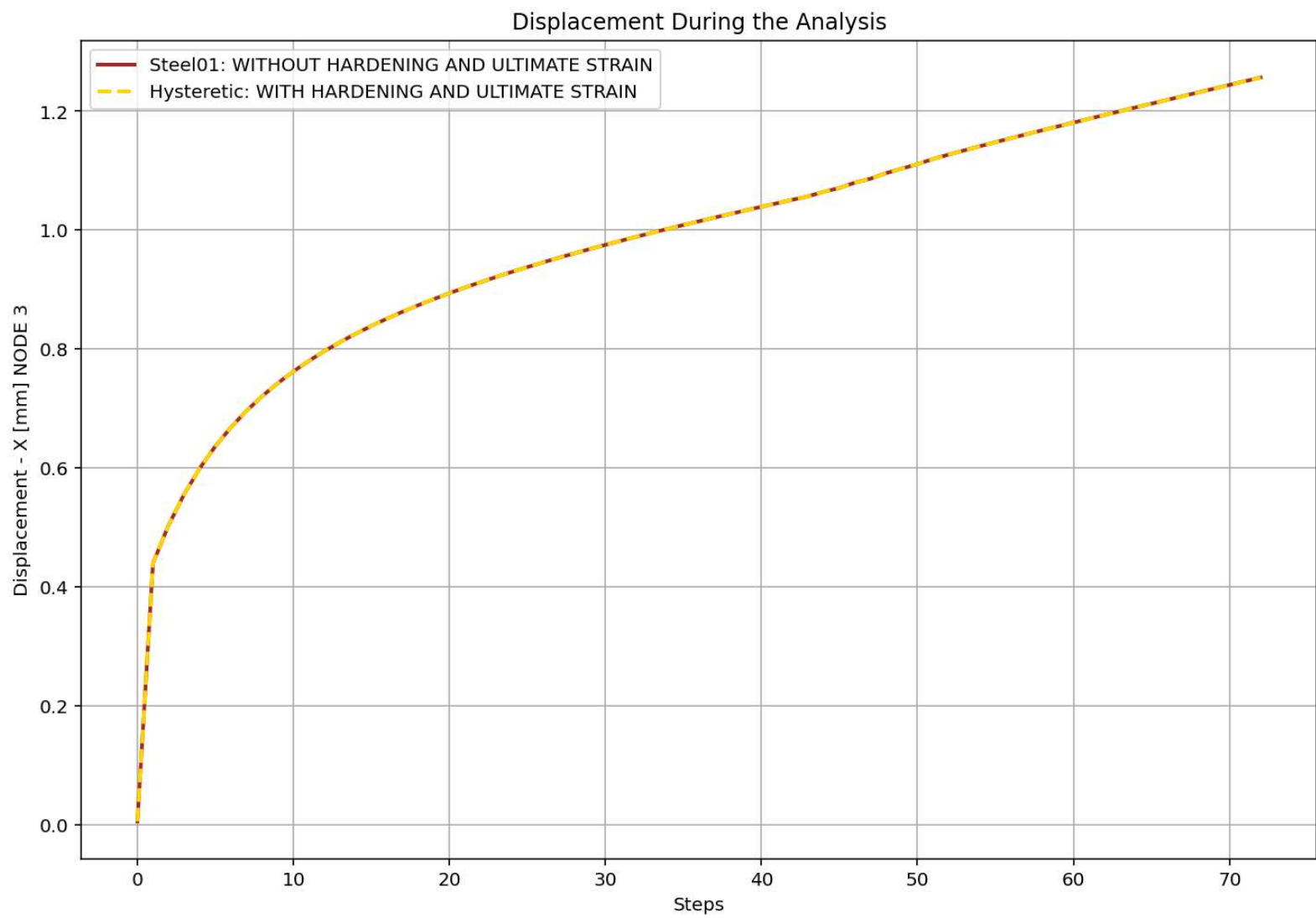


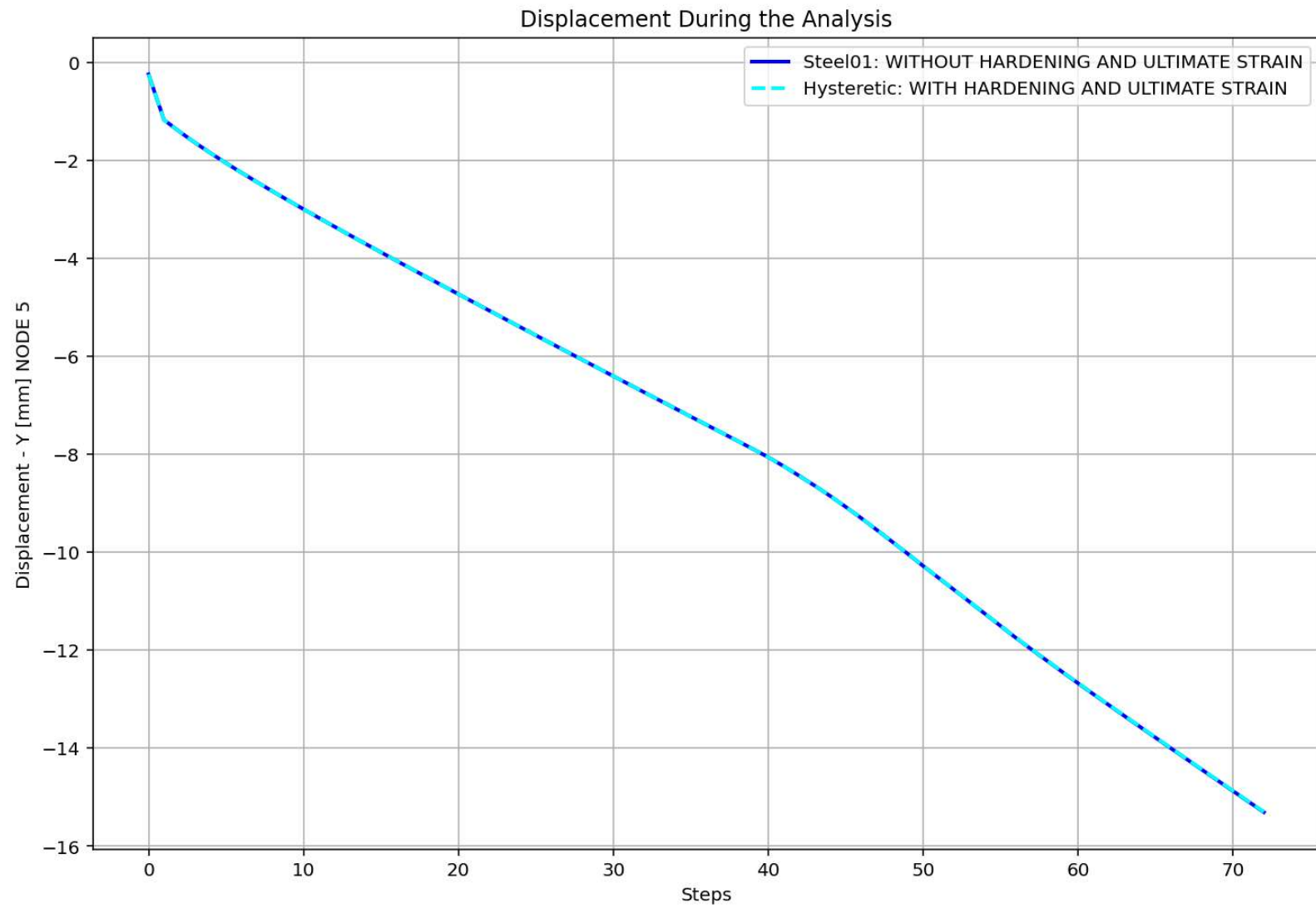


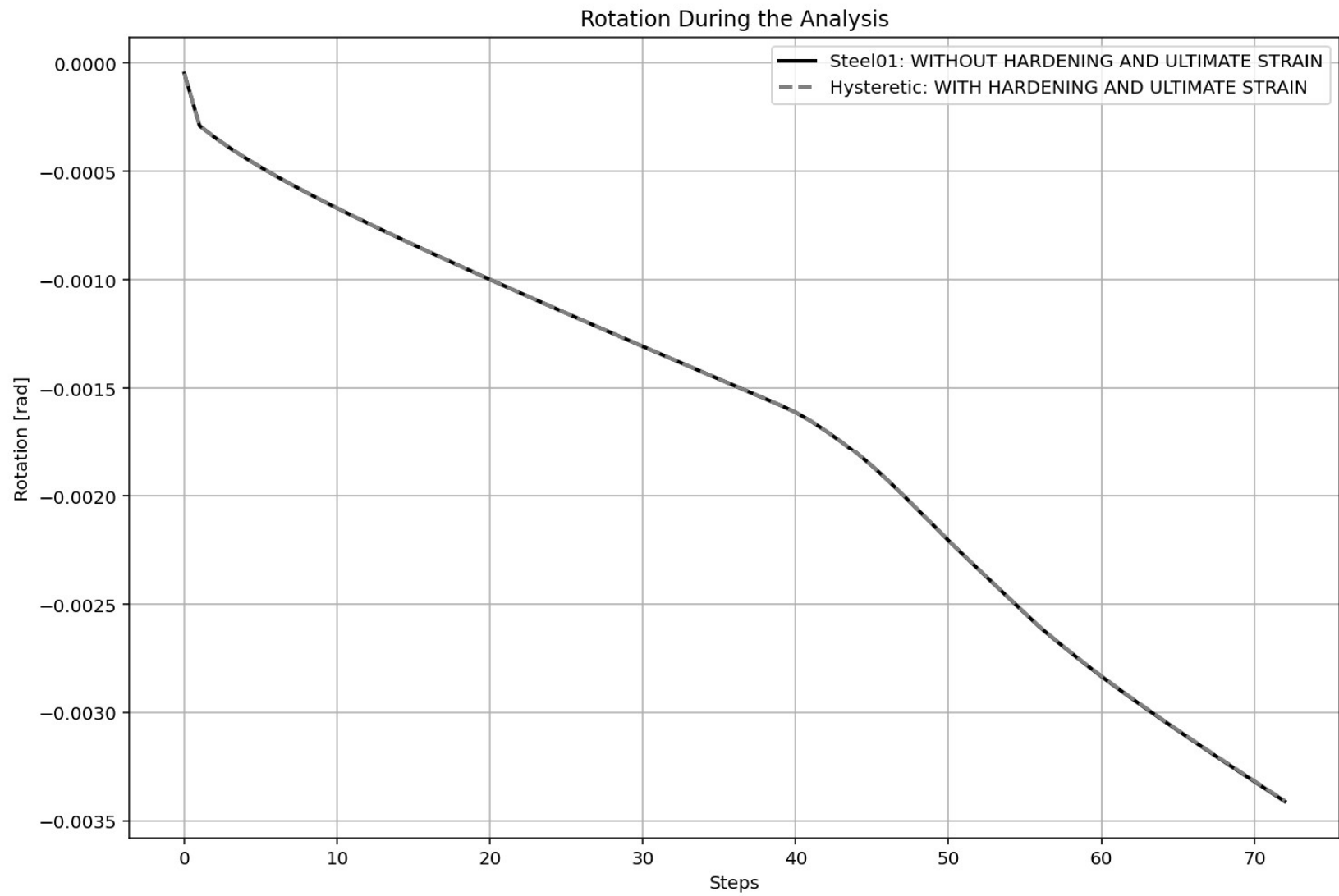












Last Data of BaseShear-Displacement Analysis - Ductility Ratio: 1.4512 - Over Strength Factor: 4.8355

