

>> IN THE NAME OF ALLAH, THE MOST GRACIOUS, THE MOST MERCIFUL <<

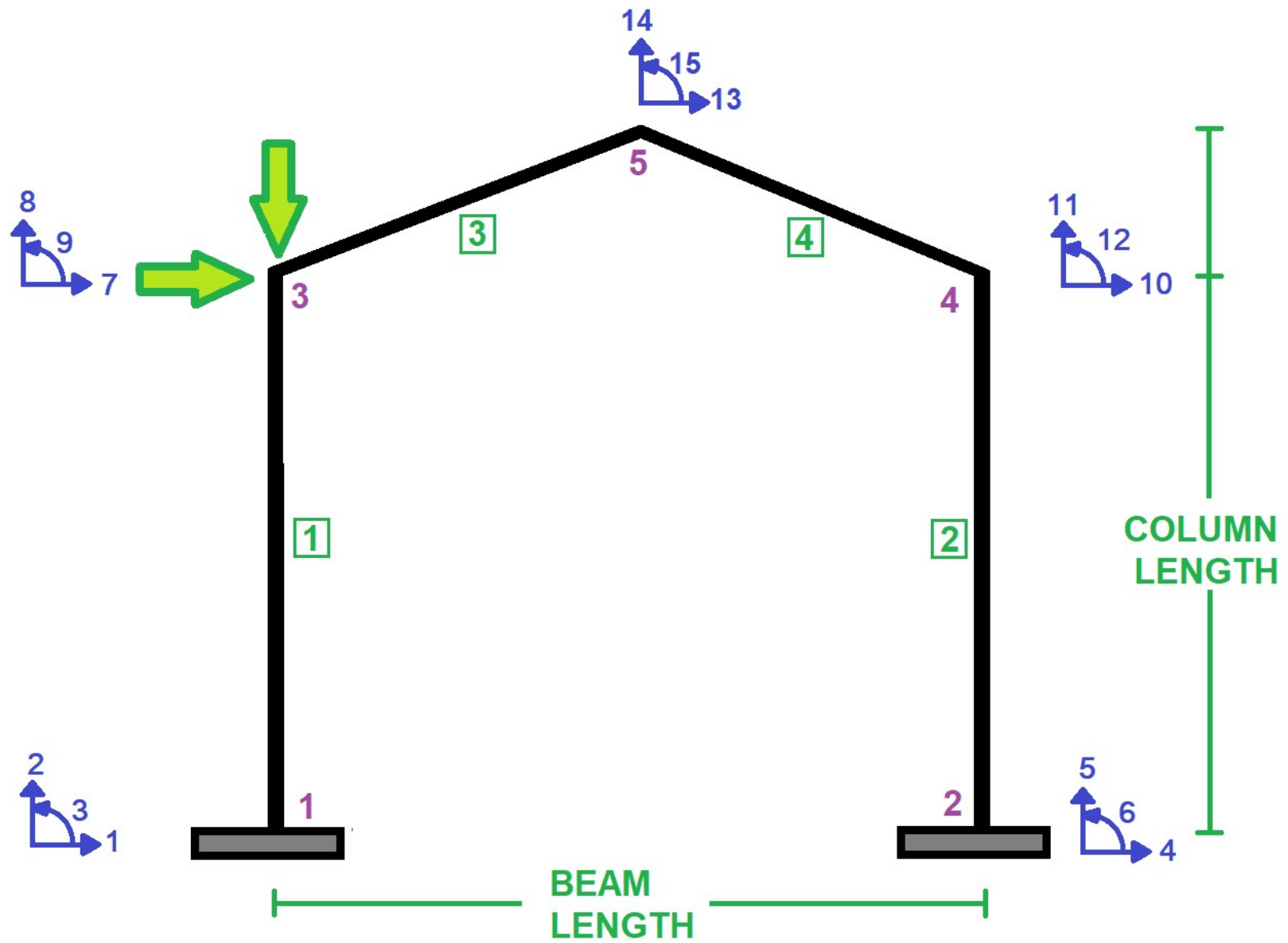
**REVERSED CYCLIC PUSHOVER  
ANALYSIS OF INDUSTRIAL CONCRETE  
GABLE FRAME WITH PRISMATIC  
ELEMENTS  
EVALUATING STRAIN HARDENING AND  
ULTIMATE STRAIN CRITERIA USING  
OPENSEES**

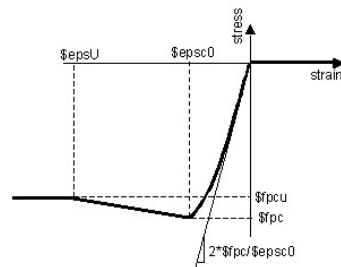
WRITTEN BY SALAR DELAVAR GHASHGHAEI (QASHQAI)



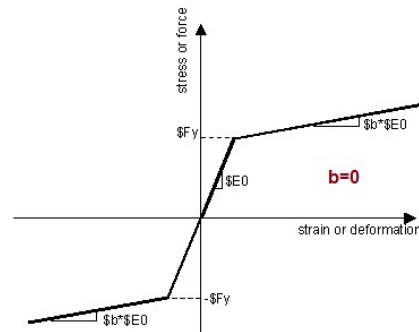




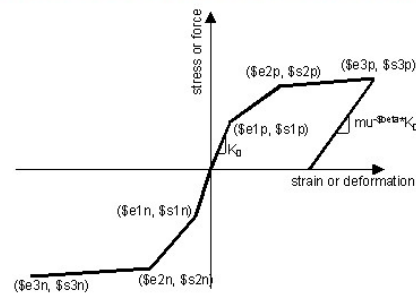




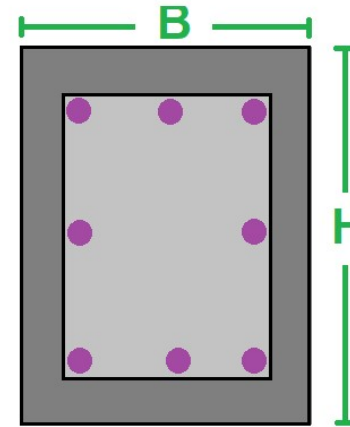
**CORE AND COVER CONCRETE REALTION**



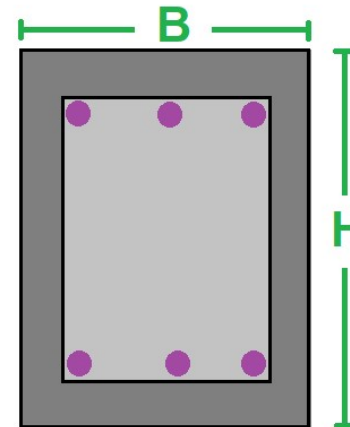
**WITHOUT HARDENING AND ULTIMATE STRAIN**



**WITH HARDENING AND ULTIMATE STRAIN**

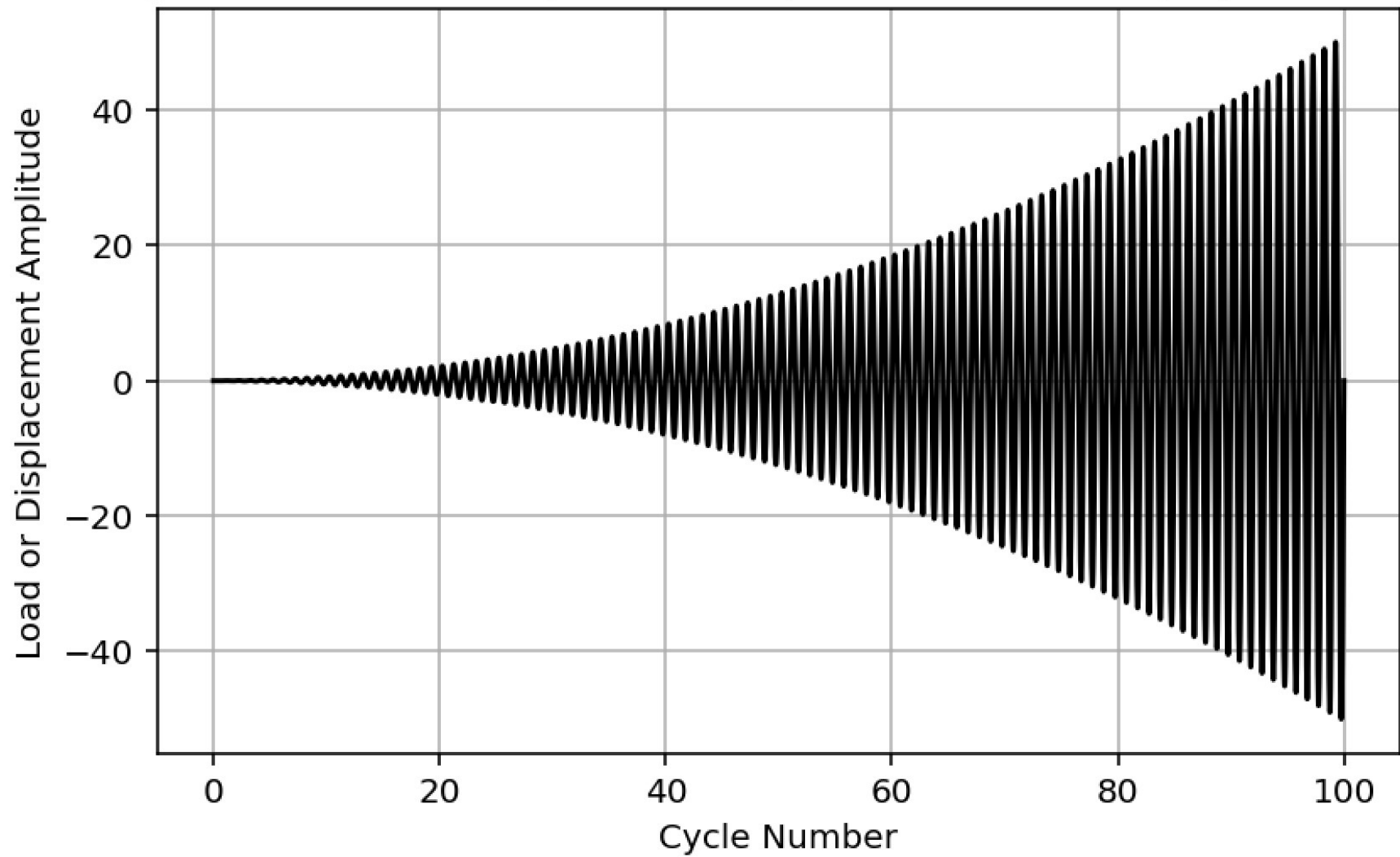


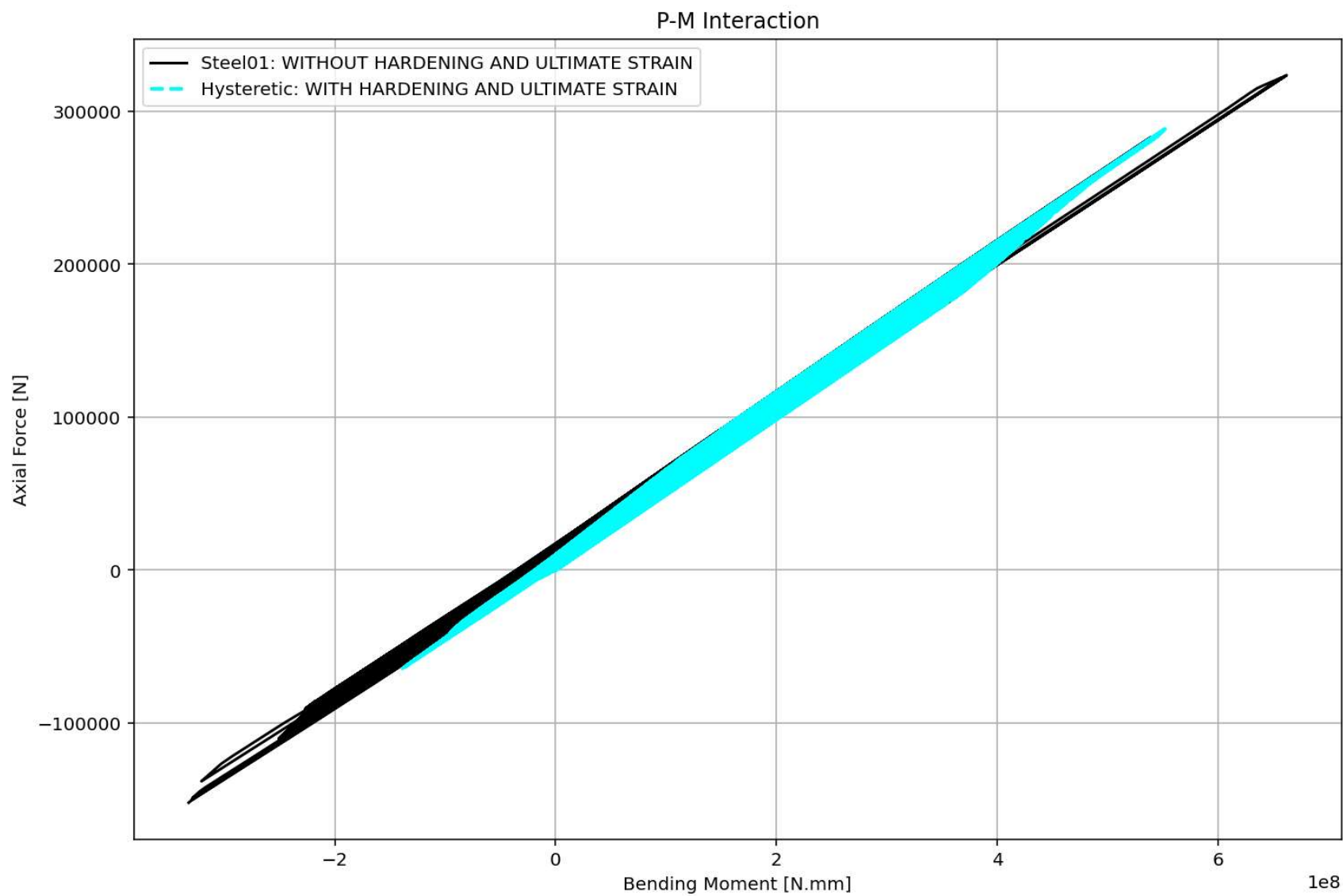
**COLUMN SECTION**



**BEAM SECTION**

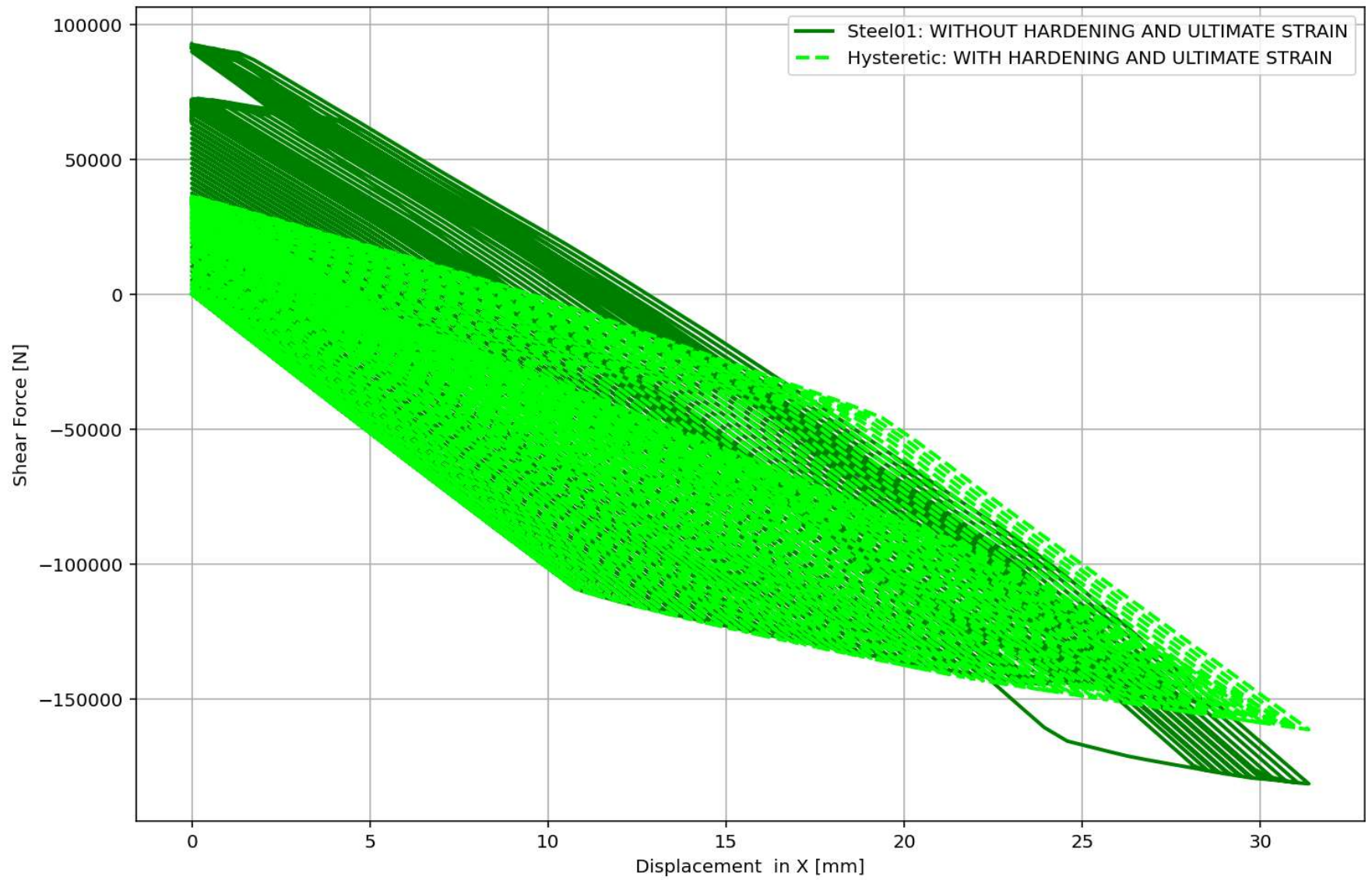
Cyclic Curve with Polynomial Amplitude Increment (exponent=2)





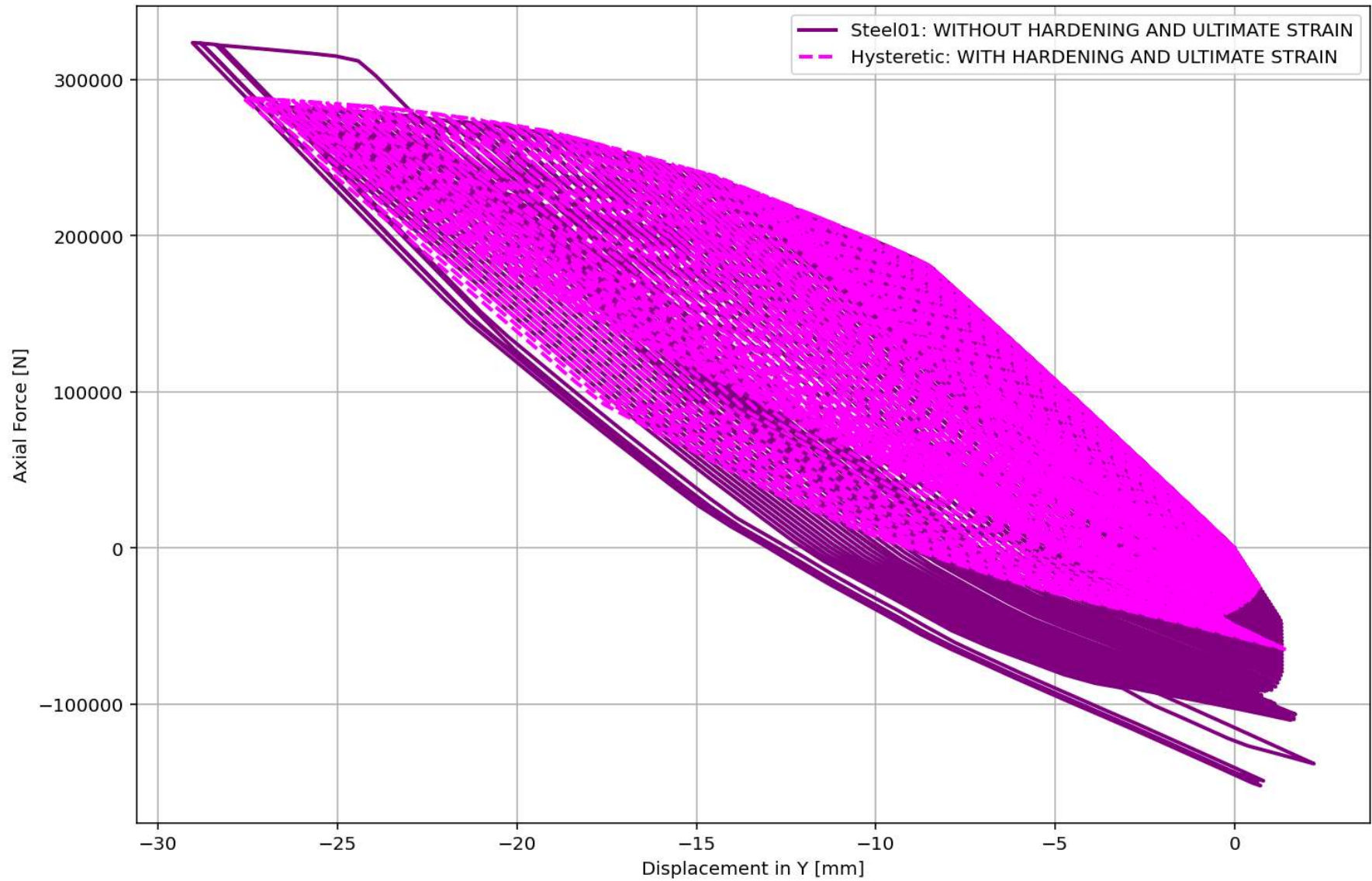


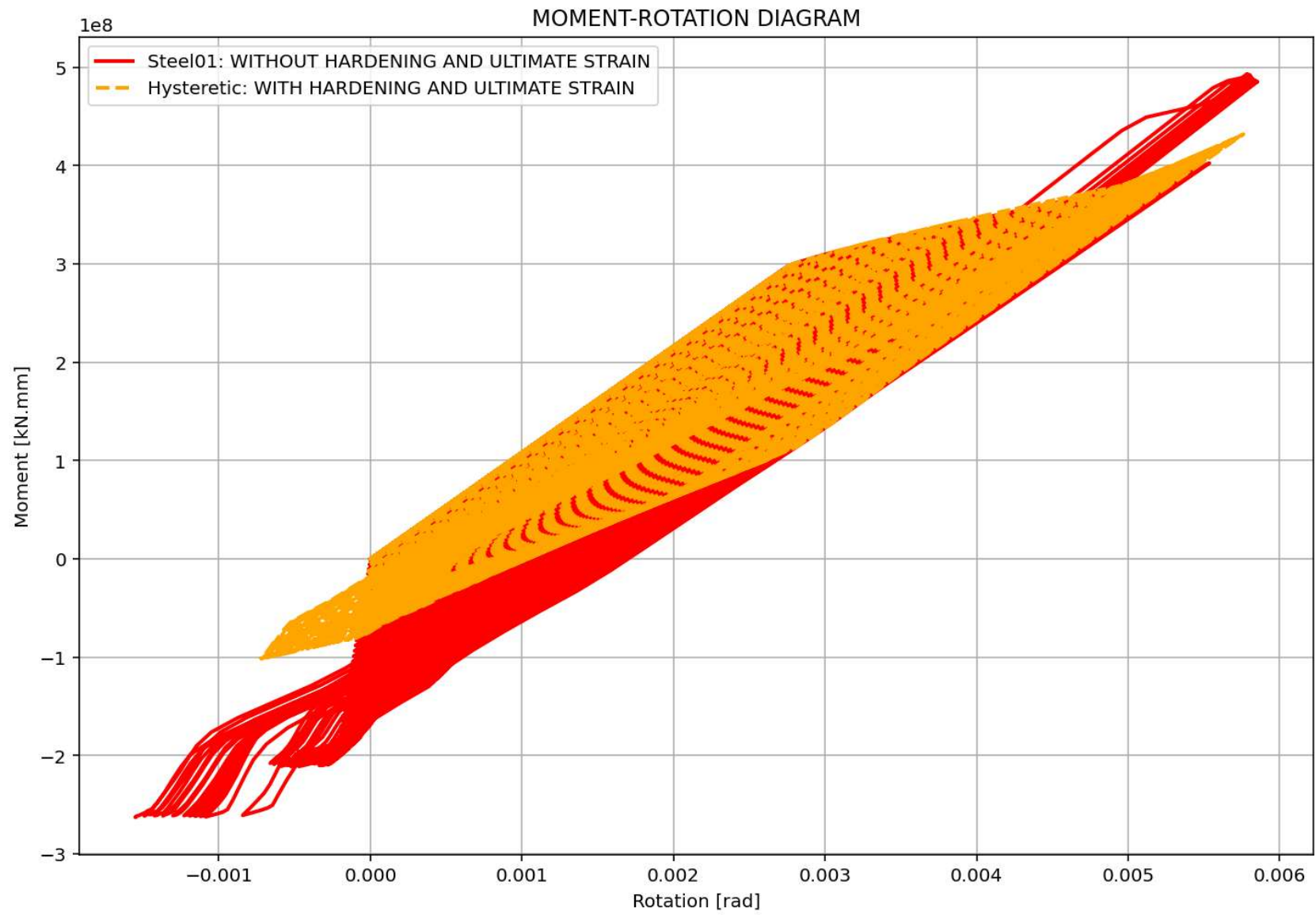
SHEAR FORCE-DISPLACEMENT DIAGRAM



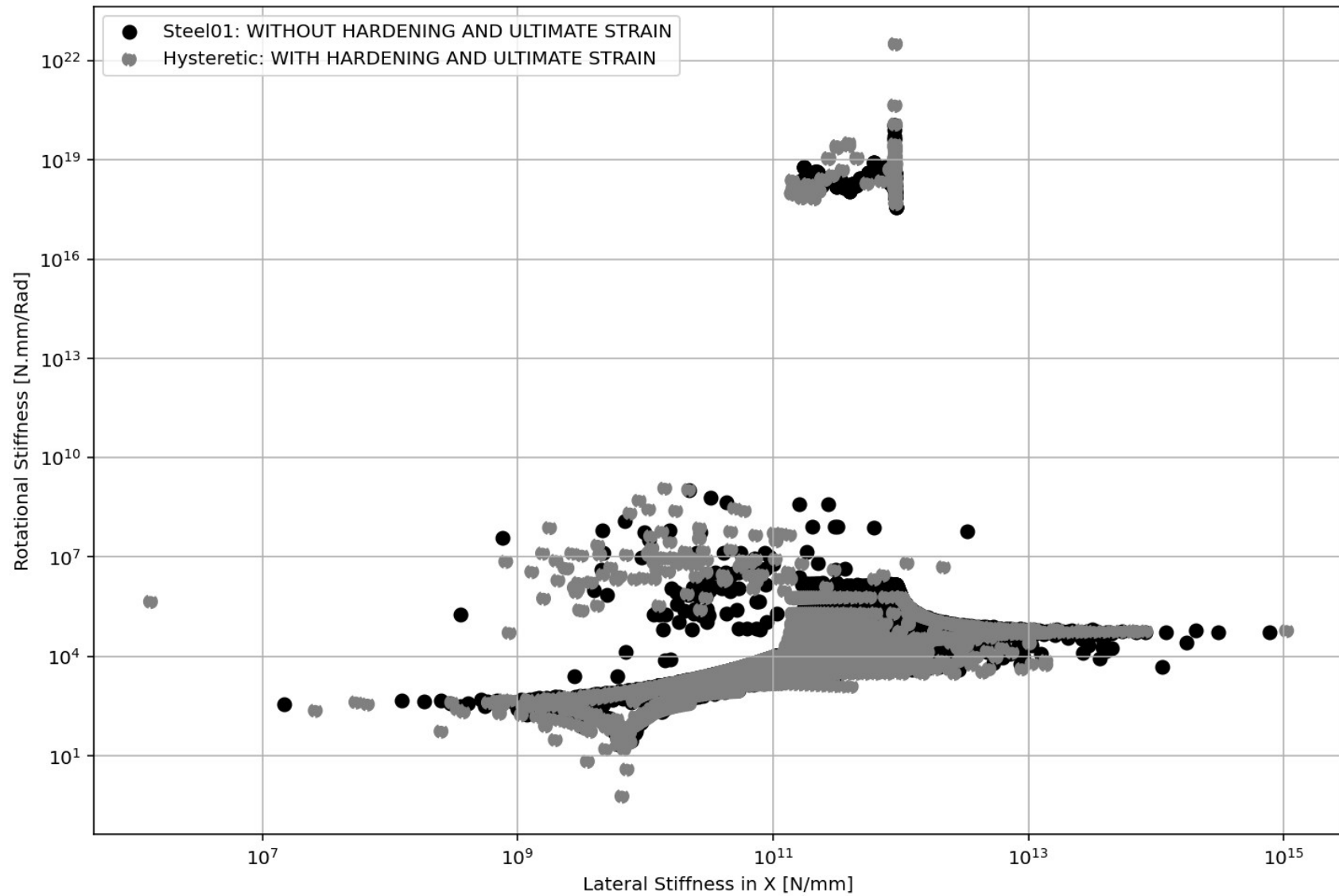


AXIAL FORCE-DISPLACEMENT DIAGRAM





ROTATIONAL STIFFNESS-LATERAL STIFFNESS IN X DIAGRAM



ROTATIONAL STIFFNESS-LATERAL STIFFNESS IN Y DIAGRAM

