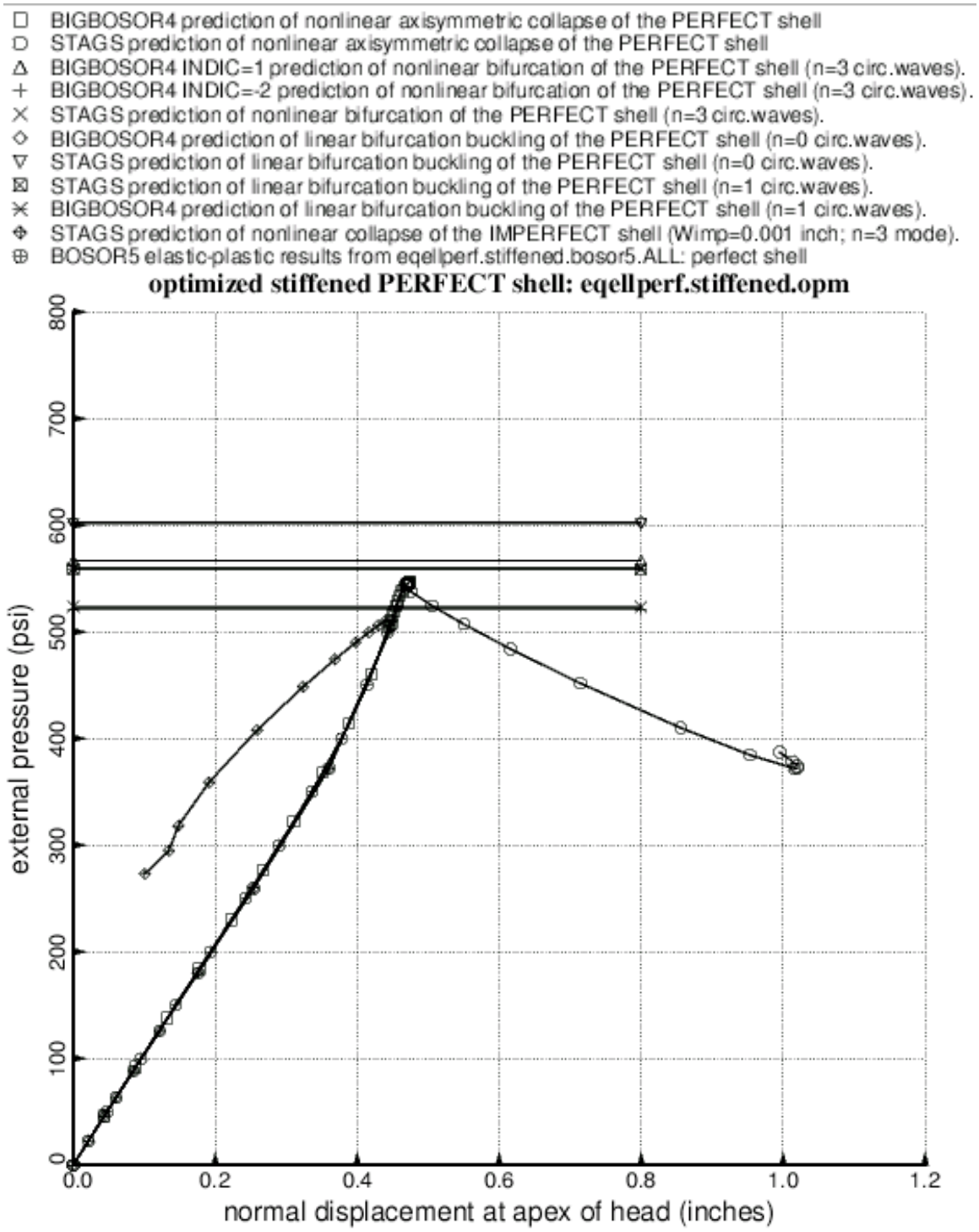


Fig. 123 Linear and nonlinear behavior of the optimized "**perfect" isogrid-stiffened** equivalent ellipsoidal shell. The nonlinear bifurcation buckling mode from STAGS is displayed in the next figure. That mode is used as a "trigger" (very small amplitude imperfection: Wimp=0.001 inch) in order to obtain the second-to-last trace (diamonds with internal cross). This figure is analogous to Fig. 84.