- BIGBOSOR4 prediction of nonlinear axisymmetric collapse of the PERFECT unstiffened shell
- STAGS prediction of nonlinear axisymmetric collapse of the PERFECT shell; 410 finite element
- A BIGBOSOR4 prediction of nonlinear bifurcation buckling of the PERFECT shell (n=3 circ.waves).
- STAGS prediction of nonlinear bifurcation buckling of the PERFECT shell (n=3 circ.waves).
- X BIGBOSOR4 prediction of linear bifurcation buckling of the PERFECT shell (n=0 circ.waves).
- STAGS prediction of linear bifurcation buckling of the PERFECT shell (n=0 circ.waves).
- ∇ STAGS prediction of nonlinear collapse of the IMPERFECT shell (Wimp=0.001 inch; n=3 nonlin.mode).
- BOSOR5 elastic-plastic results from eqeliperf.unstiffened.bosor5.ALL: perfect shell

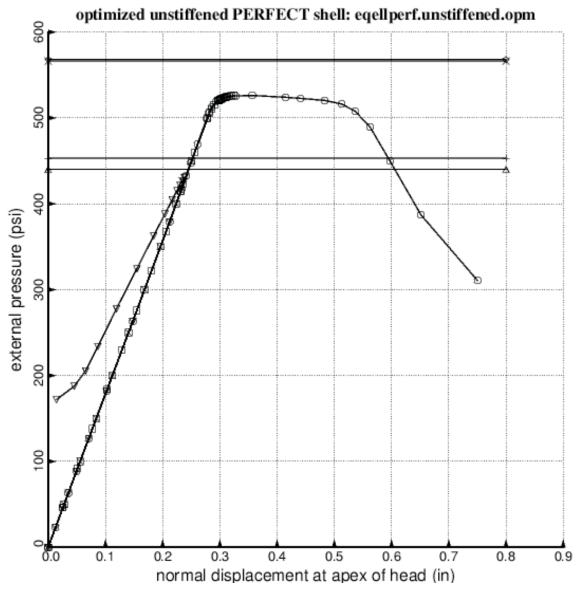


Fig. 139 Linear and nonlinear behavior of the optimized **perfect unstiffened** equivalent ellipsoidal shell. The nonlinear bifurcation buckling mode from STAGS is displayed in the next figure. That mode is used as a "trigger" (very small amplitude imperfection: Wimp=0.001 inch) in order to obtain the second-to-last trace (upside-down triangles). This figure is analogous to Fig. 123.