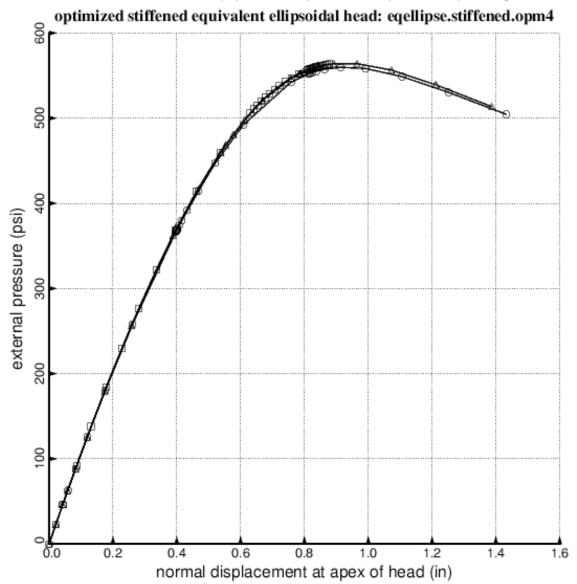Fig. 38 Prediction of axisymmetric collapse of the optimized **imperfect isogrid-stiffened** equivalent ellipsoidal shell with a **–mode 1** linear axisymmetric buckling modal imperfection shape with amplitude, Wimp = -0.2 inch. The imperfection shape predicted by BIGBOSOR4 is shown in Fig. 4 and that predicted by STAGS is shown in Fig. 6 for the 360-degree STAGS finite element model and in Fig. 36 for the 10-degree "slice" STAGS model.