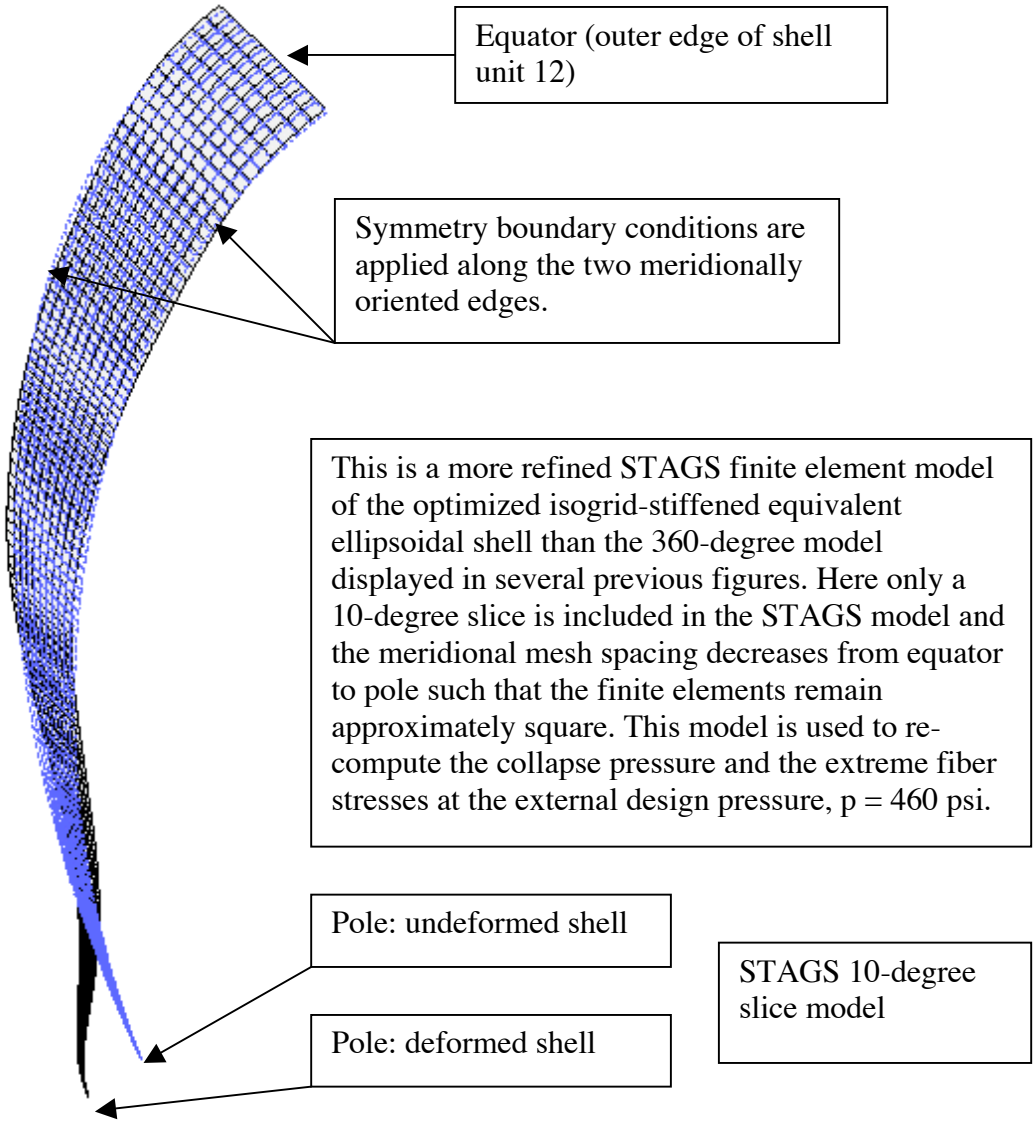

Fig. 37 STAGS prediction of linear bifurcation buckling of the optimized **isogrid-stiffened** equivalent ellipsoidal shell from a refined model that subtends 10 degrees of circumference. For the "slice" STAGS model this is the second buckling mode. The analogous axisymmetric mode computed by BIGBOSOR4 (Fig. 5) is called "**mode 2**" in the GENOPT jargon. Compare with Figs. 5 and 9. In the 360-degree STAGS model this mode corresponds to the sixth eigenvalue (Fig. 9).