



Fig. 111 Axisymmetric linear bifurcation buckling **mode 2** for the 4-mode-optimized **imperfect unstiffened** equivalent ellipsoidal shell from BIGBOSOR4 and from STAGS. There is a huge discrepancy in the linear axisymmetric mode 2 buckling mode shapes predicted by BIGBOSOR4 and STAGS for the 360-degree STAGS model. Compare with Fig. 99 (BIGBOSOR4 model) and Fig. 105 (360-degree STAGS model). This discrepancy causes the discrepancies between the BIGBOSOR4 and STAGS predictions for the plus and minus mode 2 axisymmetric load-deflection curves of the axisymmetrically imperfect unstiffened shells shown as traces 6 and 7 (+mode 2 axisymmetric imperfection) and as traces 8 and 9 (–mode 2 axisymmetric imperfection) in Fig. 109.