



Fig. 208 Axisymmetrically deformed shape predicted by BIGBOSOR4 for the **optimized unstiffened equivalent ellipsoidal shell with the thick apex with $t(\text{apex}) = 0.47183$ inch; $Wimp=0.1$ inch; the optimum design is listed in Table 89.** This axisymmetric deformation gives rise to the maximum effective stresses in each shell segment listed under “+mode 2” in Table 91.