



Fig. 73 Optimization of the axisymmetrically **imperfect unstiffened** equivalent ellipsoidal shell via the third execution of SUPEROPT. The starting design is the best design determined during the fourth execution of SUPEROPT. The index, IDESIGN, remains equal to 2 in MAINSETUP. IDESIGN = 2 means that “ALMOST FEASIBLE” designs are accepted. “ALMOST FEASIBLE” means that all design margins must be greater than  $-0.05$ . See Item 725 in Table a24 for more information on IDESIGN. The design margins for the best design determined at the end of this SUPEROPT run are listed in Tables 59a and 59b.