



Fig. 122 BIGBOSOR4 prediction of axisymmetric deformation of the optimized **“perfect” isogrid-stiffened** equivalent ellipsoidal shell. The applied external pressure is the design pressure, $p = 460$ psi. The maximum local stresses in skin and stiffeners and minimum local buckling load factors in skin and stiffeners in each shell segment associated with this deformation pattern are listed in Table 71. Compare with Fig. 14, which pertains to the –mode 1-imperfect optimized isogrid-stiffened equivalent ellipsoidal shell.