

Fig. 238 Elastic-plastic analysis of the **optimized unstiffened equivalent ellipsoidal** shell with thick apex, t(apex) = 0.61996 in; Wimp=0.2 inch; the optimum design is listed in Table 93. This nonlinear bifurcation buckling mode shape from STAGS can be used as a "trigger" imperfection with amplitude, Wimp(trigger) = 0.001 inch, in order to obtain a load-deflection curve analogous to that shown as the seventh trace in Fig. 209 (upside-down triangles), for example. Non-axisymmetric post-buckling is not shown in the previous figure, however.