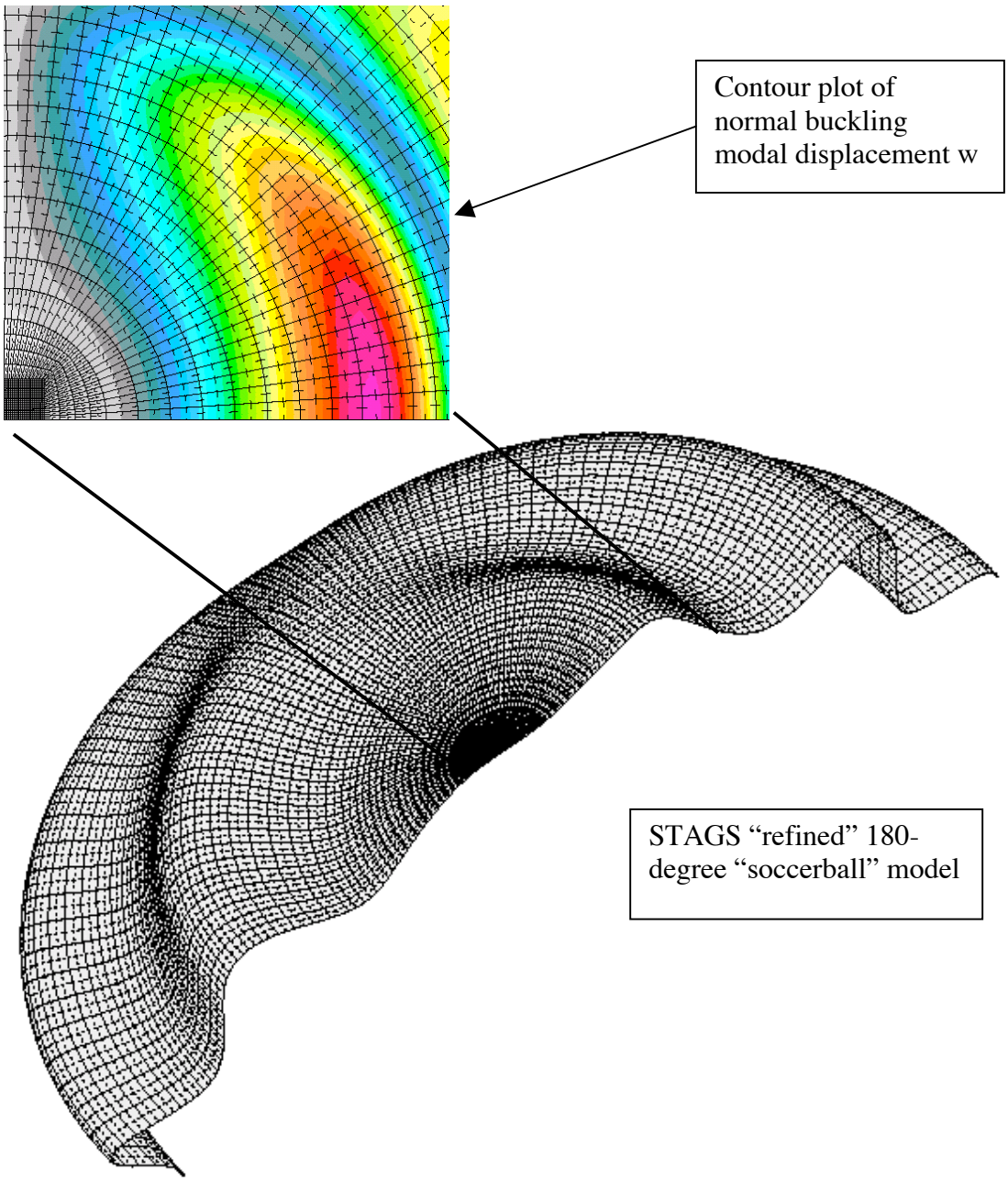

Fig. 179 Linear buckling mode from STAGS that corresponds to the third eigenvalue for the **optimized unstiffened equivalent ellipsoidal shell with the thick apex with t(apex) = 0.4 inch; the optimum design is listed in Table 78.** Compare this "refined" 180-degree "soccerball" model with the 360-degree STAGS model displayed in Fig. 148 and with the "crude" 180-degree "soccerball" model shown in Figs. 190 and 191.