



Fig. 263 STAGS results for the **optimized isogrid-stiffened equivalent ellipsoidal shell; Wimp=0.2 inch; this figure pertains to the shell design listed in columns 2 and 3 of Table 33.** Shown here are the load cycles for load set B (load factor PB) that produce residual "cos(theta)" dents of various depths. Compare with Fig. 237. These results correspond to the "cos(theta)" line load applied along Row 2 of Shell Segment 2 from circumferential coordinate, theta = 0 to 90 degrees. This "cos(theta)" load distribution is used because it generates a residual dent that **locally** resembles the negative of the buckling modal deformation in Figs. 258 and 259, that is, the negative of the linear buckling modal imperfection with n = 1 circumferential wave.