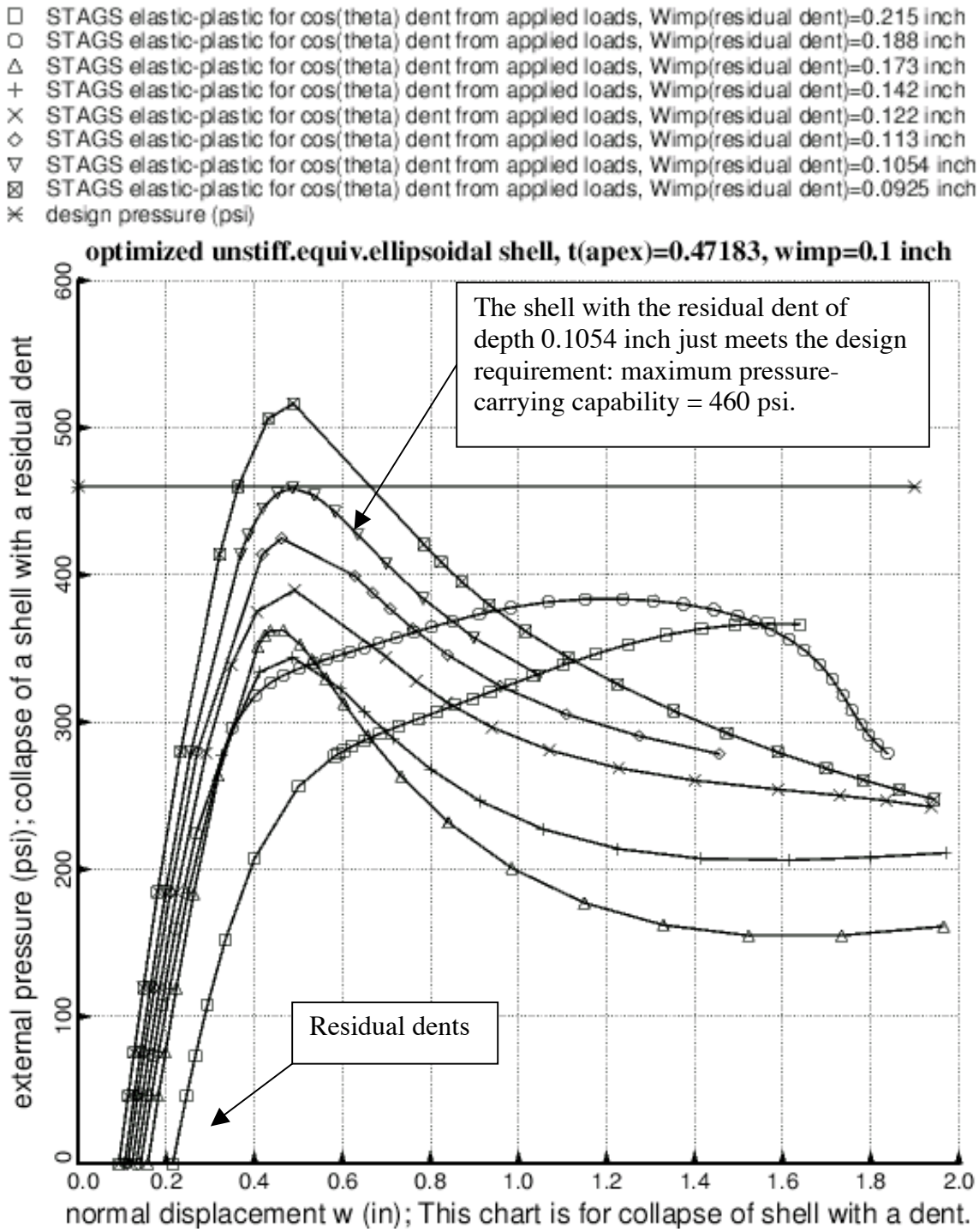

Fig. 217 Elastic-plastic analysis of the **optimized unstiffened equivalent ellipsoidal shell with the thick apex with t(apex) = 0.47183 inch; Wimp=0.1 inch; the optimum design is listed in Table 89.** Collapse of the imperfect shell with residual dents of various depths. The dents are generated by a load set B (PB) cycle. Load Set B consists of a number of normal, inward-directed concentrated **loads** applied along row 2 of segment 5 (Figs. 2, 169 and 205) that has a cos(theta) circumferential distribution from theta = 0 to 90 degrees.