- Undeformed; The equivalent ellipsoidal shell was optimized with use of (+,-)modes 1, 2, 3, 4
- Deformed: This is the mode 2 axisymmetric imperfection shape. linear p(crit) = 814.20 psi

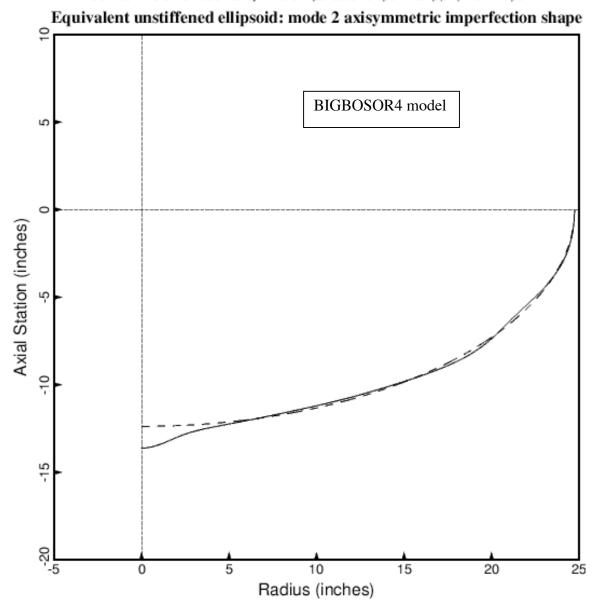


Fig. 99 **+Mode 2** axisymmetric linear buckling modal imperfection shape from BIGBOSOR4 for the 4-mode-optimized design of the **unstiffened**, **imperfect** equivalent ellipsoidal shell listed in Table 65. The optimum design was obtained with the use of plus and minus **mode 1**, **mode 2**, **mode 3**, **and mode 4** axisymmetric imperfection shapes with amplitude, Wimp = 0.2 inch. Compare with Fig. 75, which shows the +mode 2 axisymmetric imperfection shape for the "2-mode" optimized unstiffened shell listed in Table 33 under the heading, "unstiffened, imperfect".