

Fig. 158 STAGS prediction of **outer fiber** effective stress in the shell skin for the **optimized unstiffened equivalent ellipsoidal shell with the thick apex with t(apex) = 0.4 inch; Wimp=0.2 inch; the optimum design is listed in Table 78. There is an axisymmetric -mode 1 imperfection with amplitude, Wimp = 0.2 inch**. Compare the maximum effective stress here with that from BIGBOSOR4 listed in the section of Table 81 headed "**-mode 1**". Also, compare with Fig. 91, which pertains to the unstiffened optimum design listed in Table 33 with a -mode 1 axisymmetric imperfection.