



Fig. 156 STAGS prediction of **outer fiber** effective stress in the shell skin for the **optimized unstiffened equivalent ellipsoidal shell with the thick apex with $t(\text{apex}) = 0.4$ inch; $W_{\text{imp}}=0.2$ inch; the optimum design is listed in Table 78. There is an axisymmetric +mode 2 imperfection with amplitude, $W_{\text{imp}} = 0.2$ inch.** Compare the maximum effective stress here with that from BIGBOSOR4 listed in the section of Table 81 headed “+mode 2”. Also, compare with Fig. 89, which pertains to the unstiffened optimum design listed in Table 33 with a +mode 2 axisymmetric imperfection.