

Fig. 24 STAGS prediction of the inner fiber meridional stress sigma1 (psi) in the isogrid "layer" of the optimized +mode 2 imperfect isogrid-stiffened equivalent ellipsoidal shell subjected to the external design pressure, p = 460 psi. Compare with STFMXS in Table 43. Consider the effect of Eqs. (7-9) in making the comparison!