

Fig. 20 STAGS prediction of the inner fiber meridional stress sigma1 (psi) in the isogrid "layer" of the optimized +mode 1 imperfect isogrid-stiffened equivalent ellipsoidal shell subjected to the external design pressure, p = 460 psi. Compare with STFMXS in Table 42. Compare with the 10-degree "slice" model in Fig. 39.