



Fig. 46 STAGS prediction of linear buckling for the flat panel. This figure is analogous to Fig. 30. In the PANDA2 and STAGS models for the flat panel the rings and stringers are considered to be external rather than internal. Therefore, they appear on the opposite side of the panel skin from the depiction of the curved panel in Fig. 30. Overall axial bending is prevented. (IBCX0XL = 1 in the *.STG file that, via execution of the PANDA2 processor, STAGSUNIT, generates the *.bin and *.inp input files for STAGS.) In-plane warping of the panel skin at the four edges of the STAGS model is prevented here and in the rest of the models shown and discussed in this report.