A thin-walled cylindrical pressure vessel is constructed from two identical halves which are glued along a longitudinal bondline. In addition to the internal pressure of 10 psi, the cantilevered shell is loaded by a 100 lb weight as shown. Which of the two orientations of the shell (that is, cross-section A-A or cross-section B-B) produces the smaller maximum shear stress in the adhesive joint? Be prepared to justify your assumptions and your answer.