- □ GENOPT results from eqellipse.ALL6N, -mode 1 imperfection shape
  □ GENOPT results from eqellipse.ALL6P, +mode 1 imperfection shape
  □ GENOPT results from eqellipse.ALL7N, -mode 2 imperfection shape
  □ GENOPT results from eqellipse.ALL7P, +mode 2 imperfection shape.

  □ STAGS elastic results from eqellipse.stiffened.opm4: -mode 1 imperfection shape
  □ STAGS elastic results from eqellipse.stiffened.opm4: -mode 1 imperfection shape
  □ STAGS elastic results from eqellipse.stiffened.opm4: -mode 2 imperfection shape
  □ STAGS elastic results from eqellipse.stiffened.opm4: -mode 1 imperfection shape
  □ BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: -mode 1 imperfection shape
  □ BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: +mode 1 imperfection shape
- ⊕ BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: -mode 2 imperfection shape

   BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: +mode 2 imperfection shape

   BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: +mode 2 imperfection shape

   BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: -mode 2 imperfection shape

   BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: -mode 2 imperfection shape

   BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: -mode 2 imperfection shape

   BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: -mode 2 imperfection shape

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   BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: -mode 2 imperfection shape

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   BOSOR5 elastic-plastic results from eqellipse.stiffened.opm4: -mode 2 imperfection shape

   BOSOR5 elastic-plastic-plastic-plastic-plastic-plastic-plastic-plastic-plastic-plastic-plastic-plastic-plas

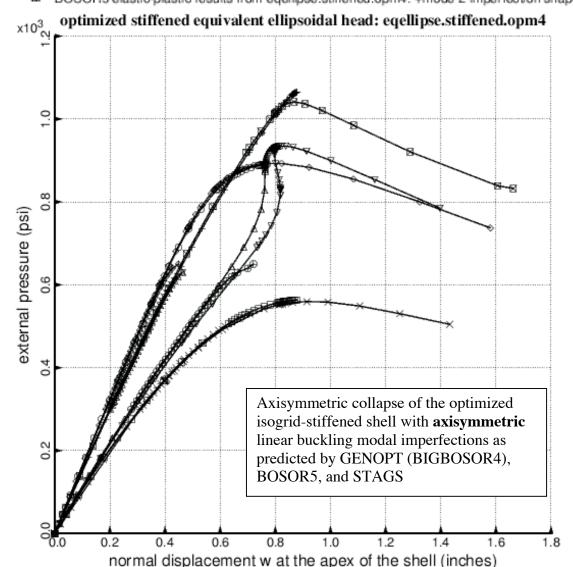


Fig. 16 Axisymmetric collapse of the optimized axisymmetrically **imperfect isogrid-stiffened** equivalent ellipsoidal shell under uniform external pressure from BIGBOSOR4 (elastic material), STAGS (elastic material) and BOSOR5 (elastic-plastic material). Compare with Fig. 83, which pertains to the optimized unstiffened shell. Compare trace 5 with results plotted in Fig. 254 for several STAGS models.