**Figures**

(74 Pages)

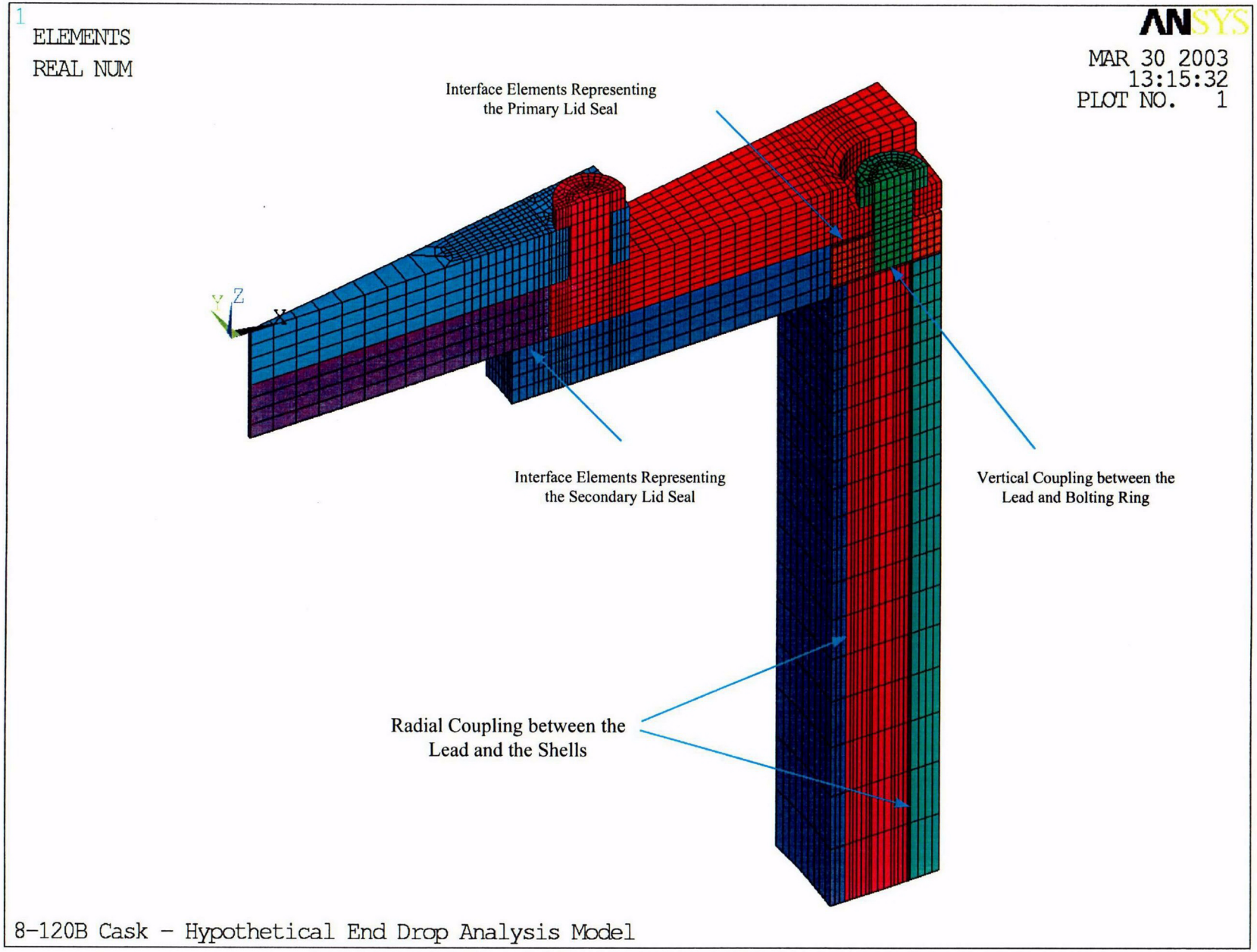


Figure 1

Finite Element Model No.1 – Overall Geometry

C01

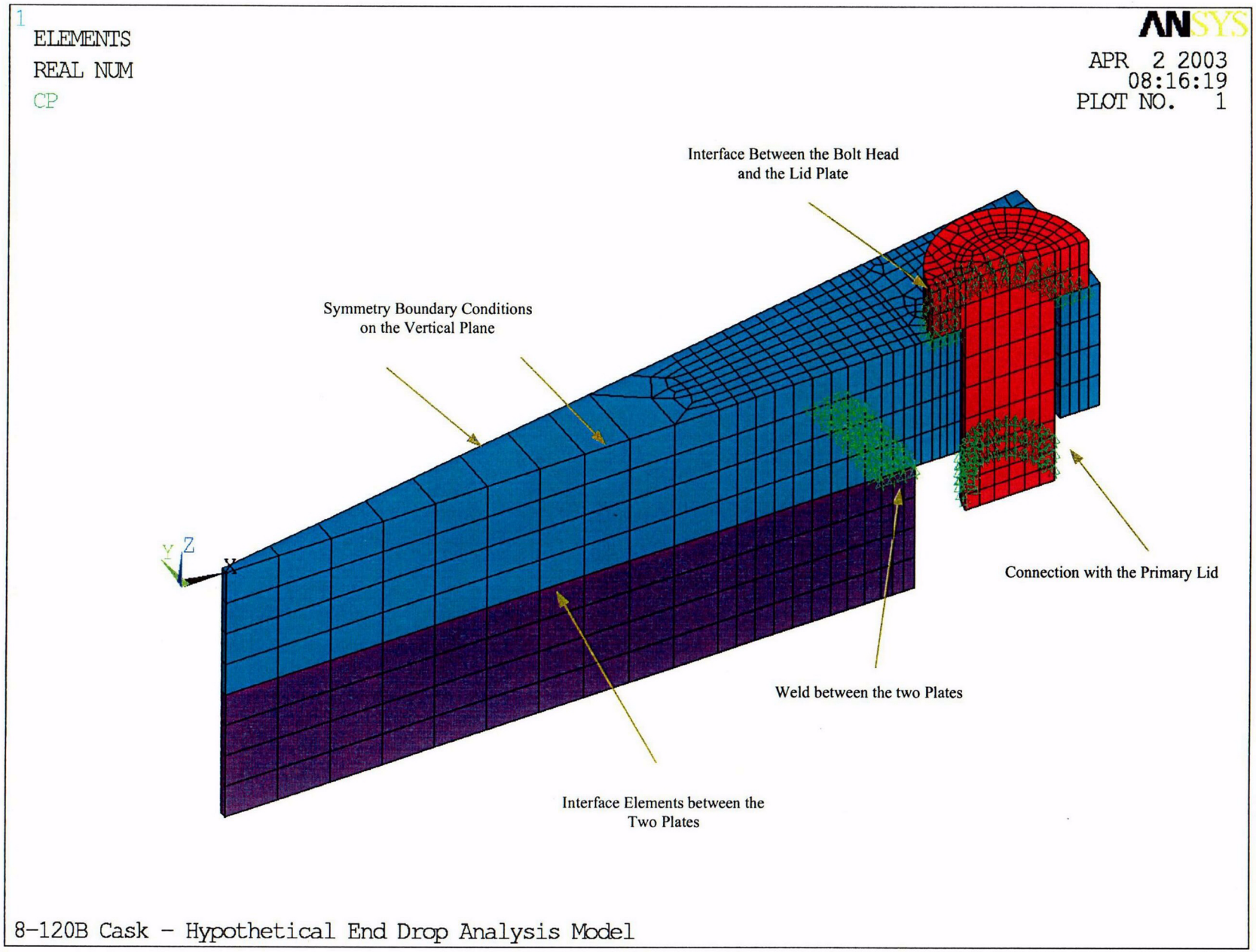


Figure 2

Finite Element Model No.1 – Secondary Lid & Secondary Lid Bolts

C02

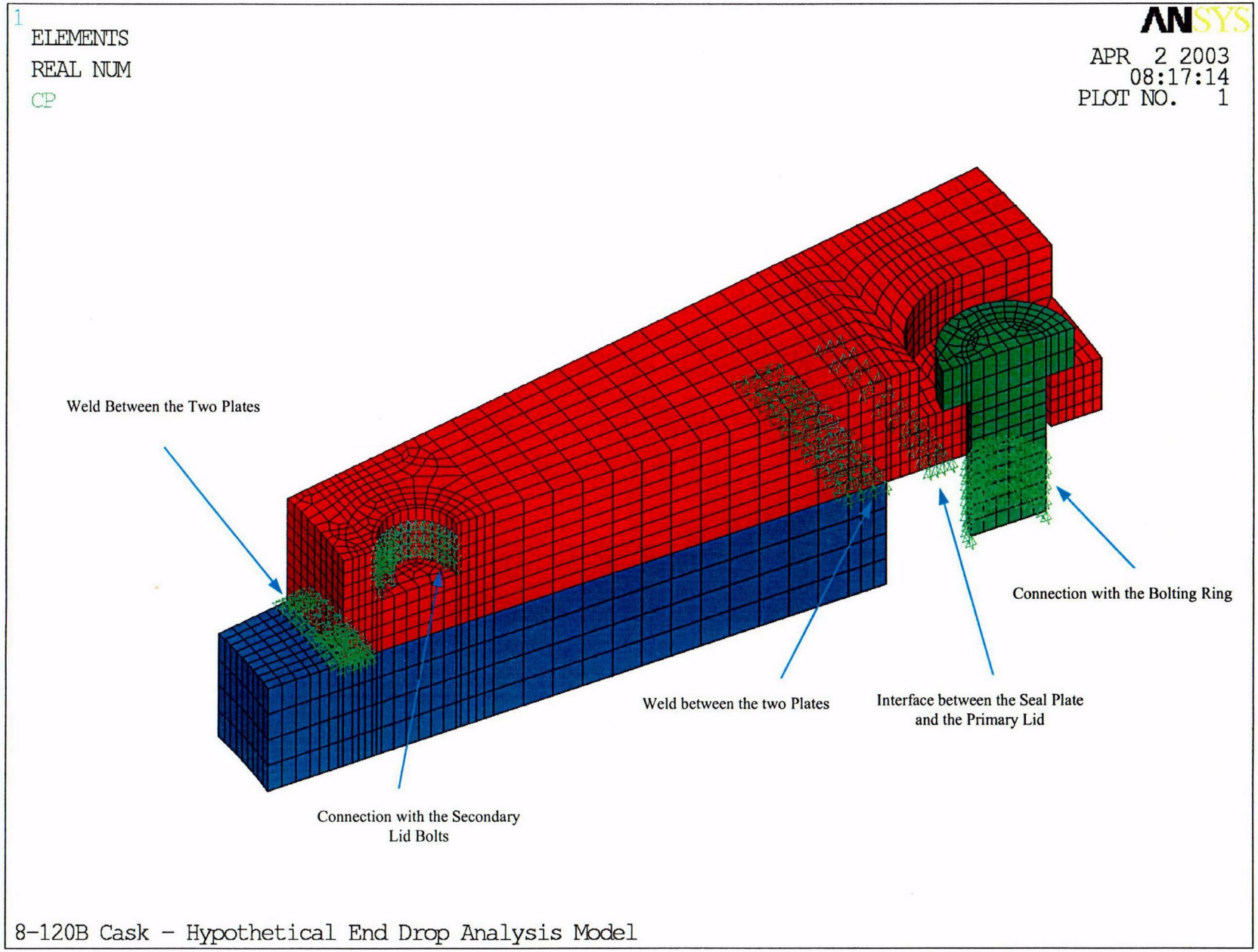


Figure 3

Finite Element Model No.1 – Primary Lid & Primary Lid Bolts

C03

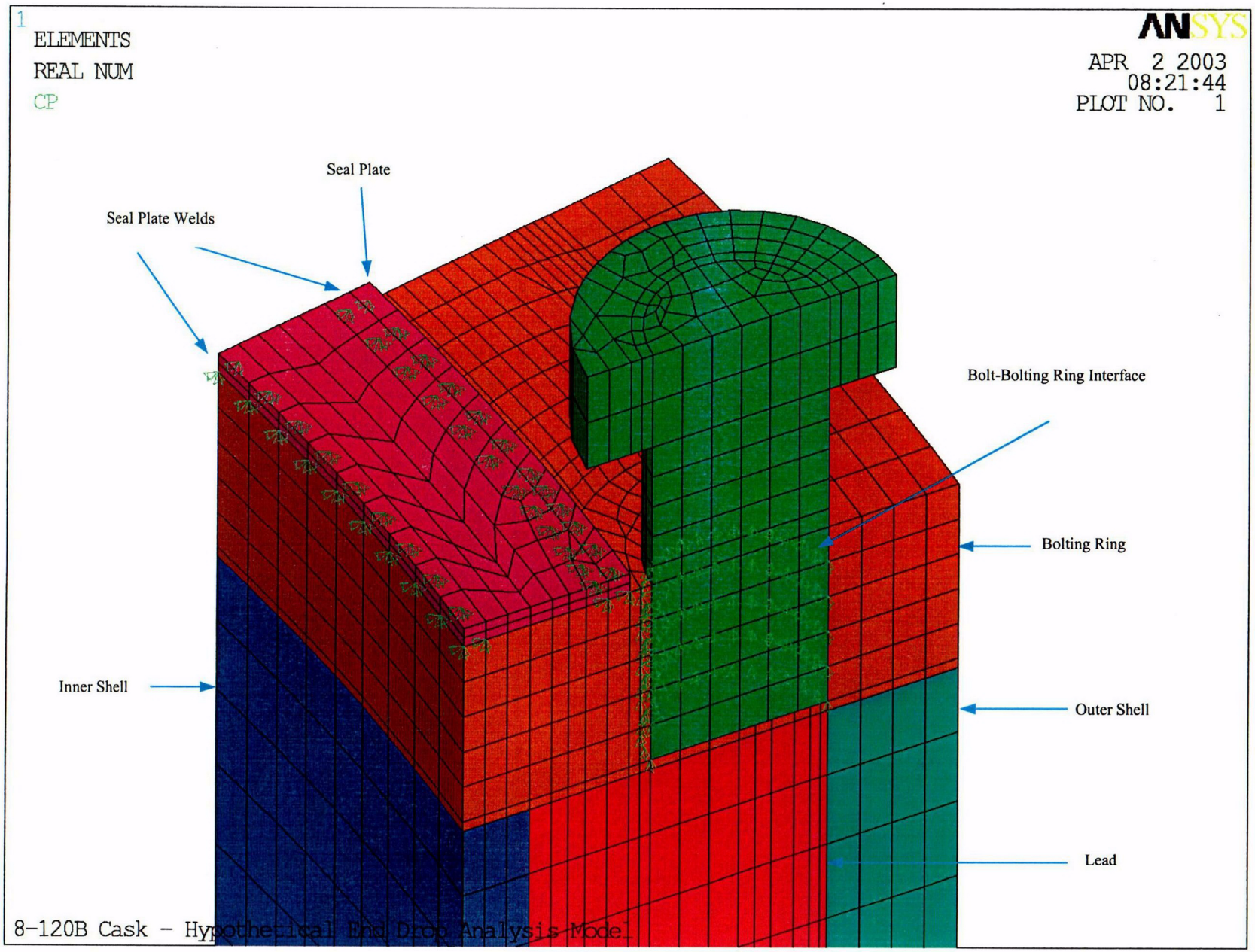


Figure 4

Finite Element Model No.1 – Seal Plate, Bolting Ring, Inner & Outer Shells, and the Lead

C04

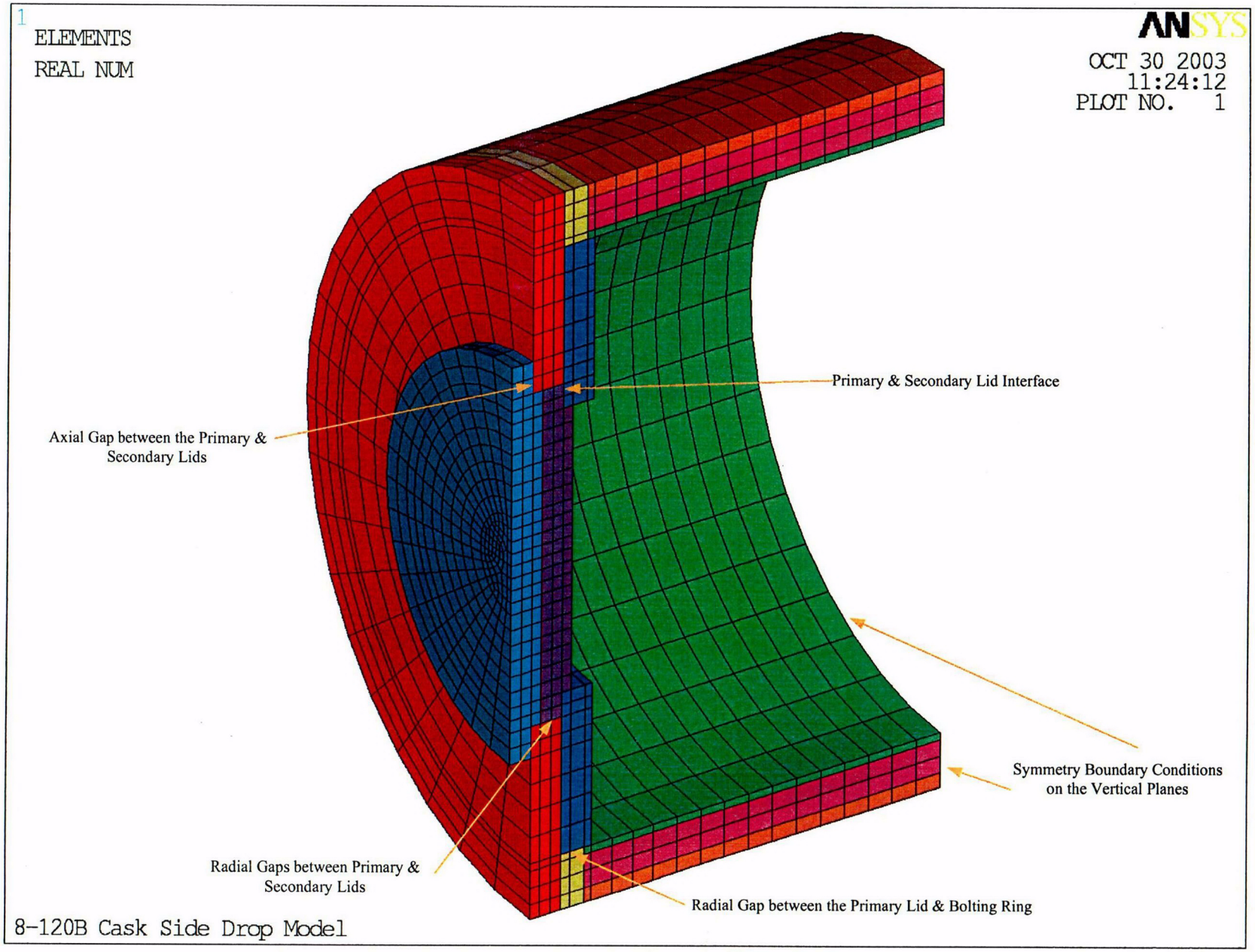


Figure 5

Finite Element Model No.2 – Overall Geometry

C05

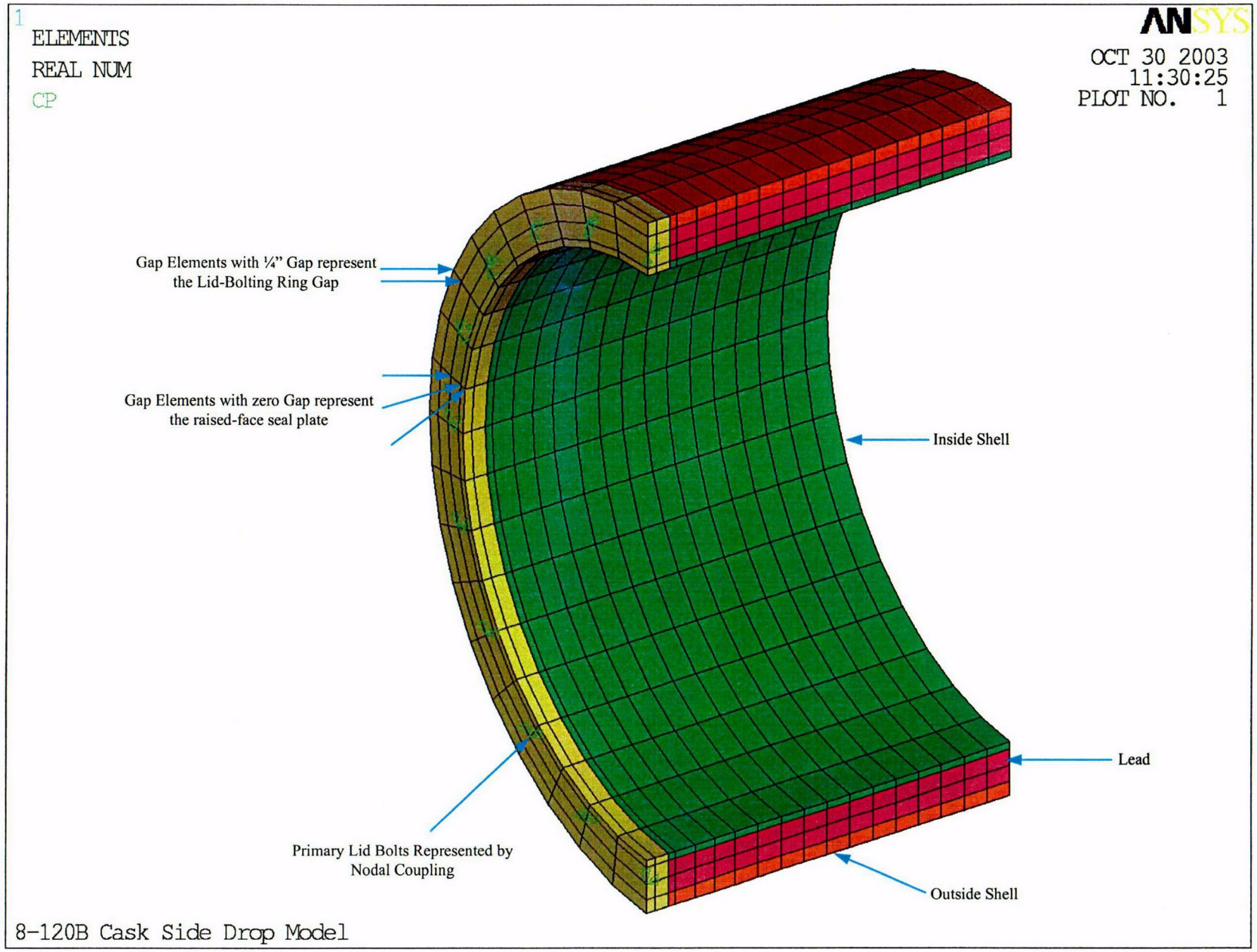


Figure 6

Finite Element Model No.2 – Cask Body

C06

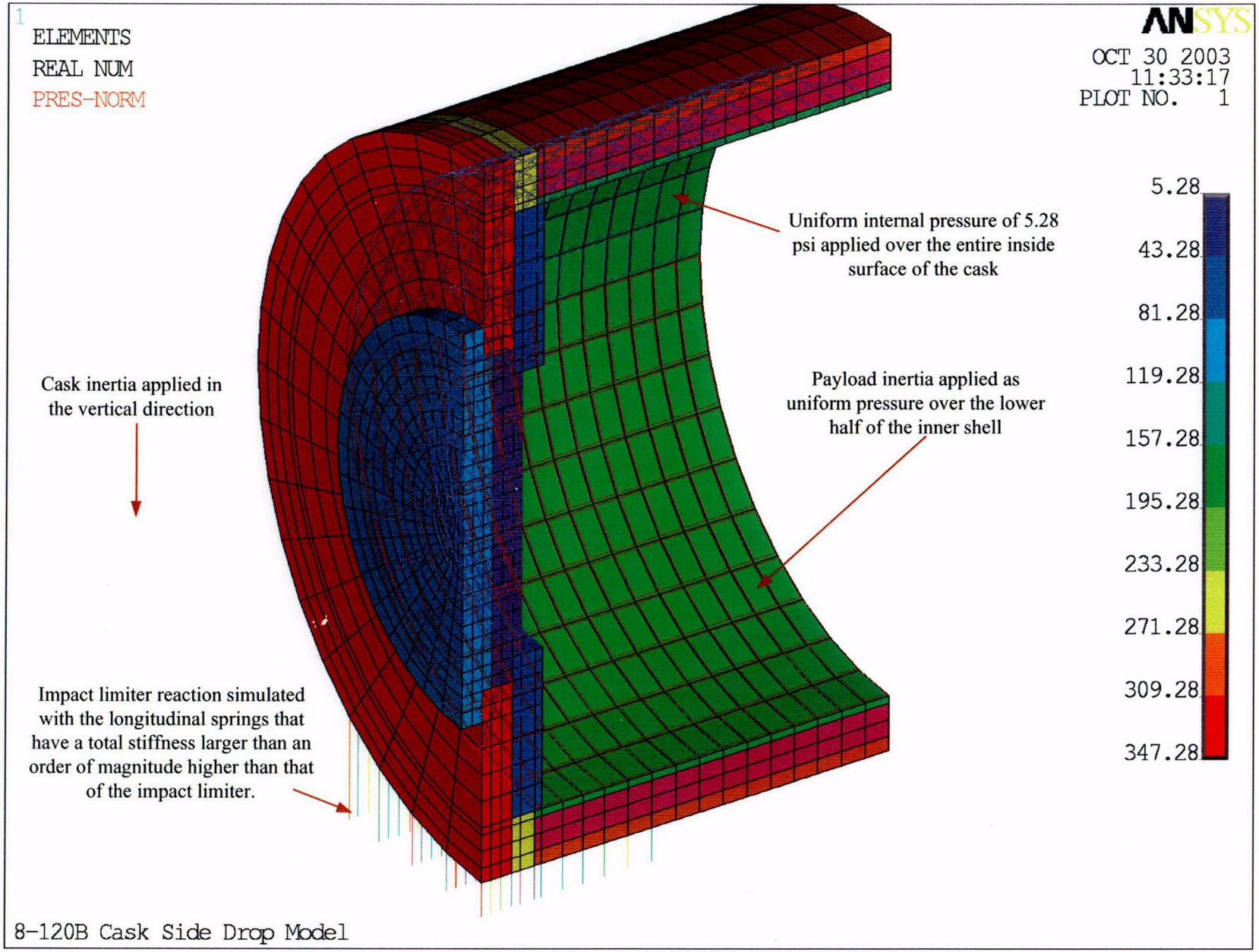


Figure 7

Finite Element Model No.2 – Applied Loading for Side Drop

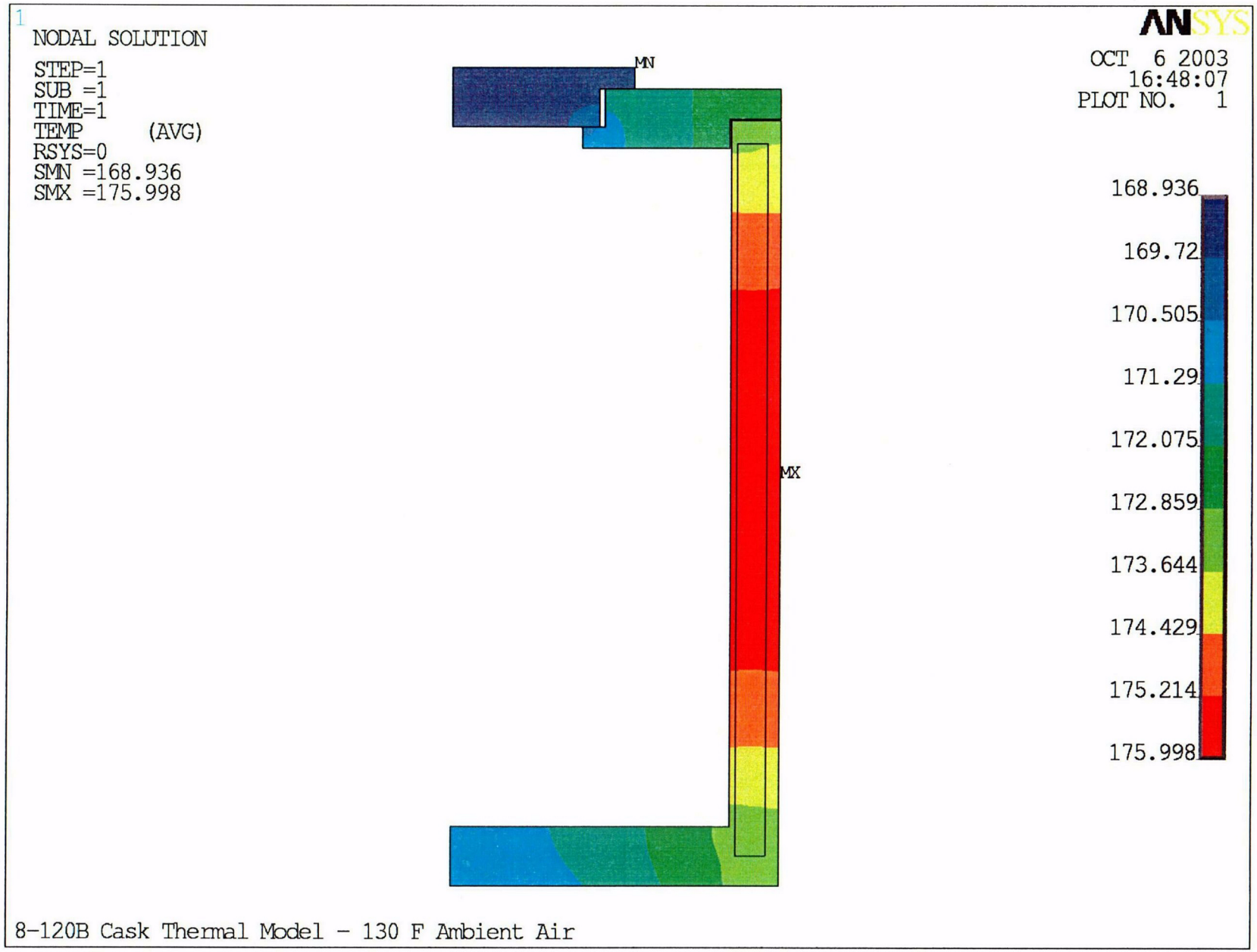


Figure 8

Temperature Distribution in 8-120B Cask Under Hot Environment from 2-D Analysis



C08

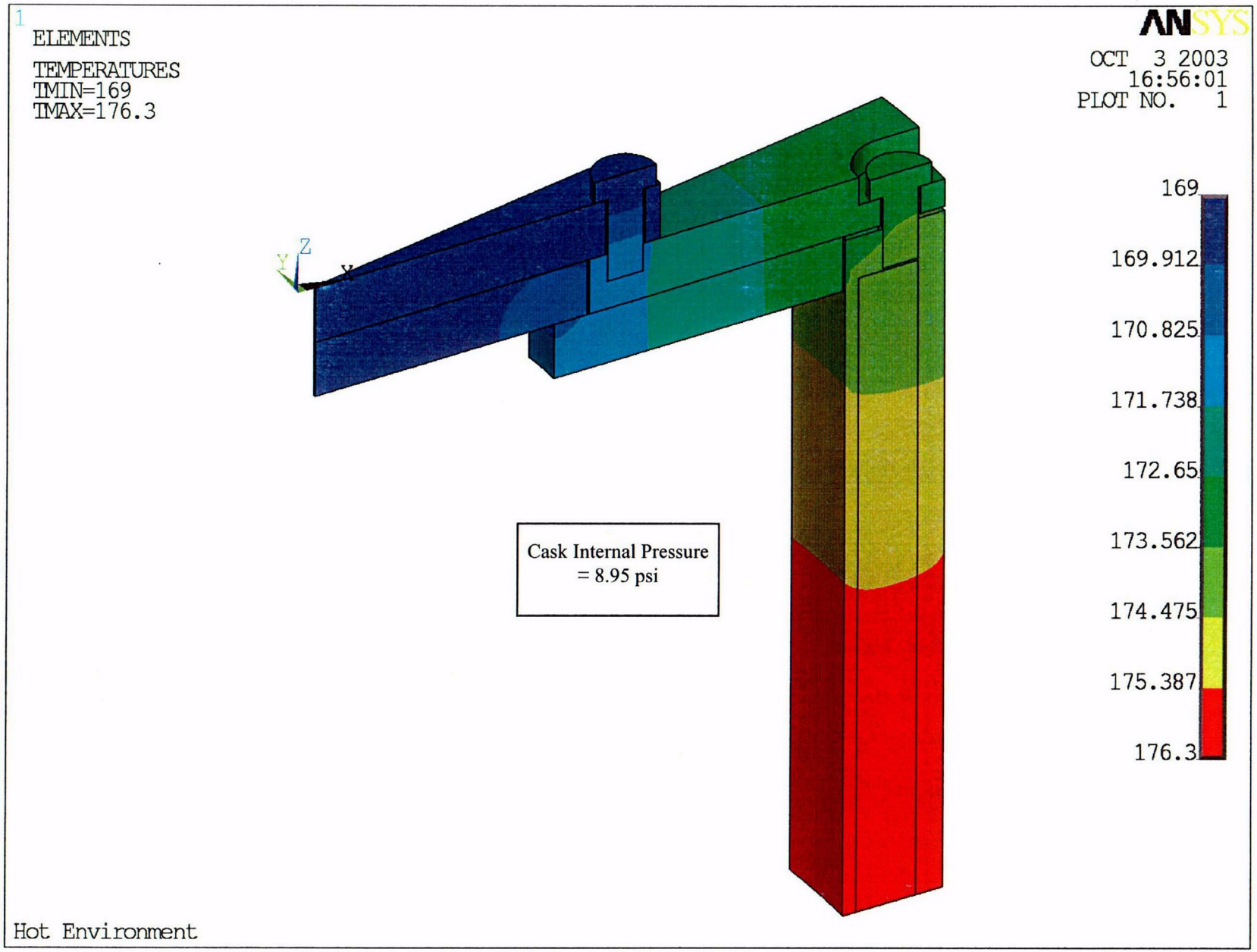


Figure 9

Temperature Distribution Hot Environment Applied to the 8-120B Cask 3-D Model

C09

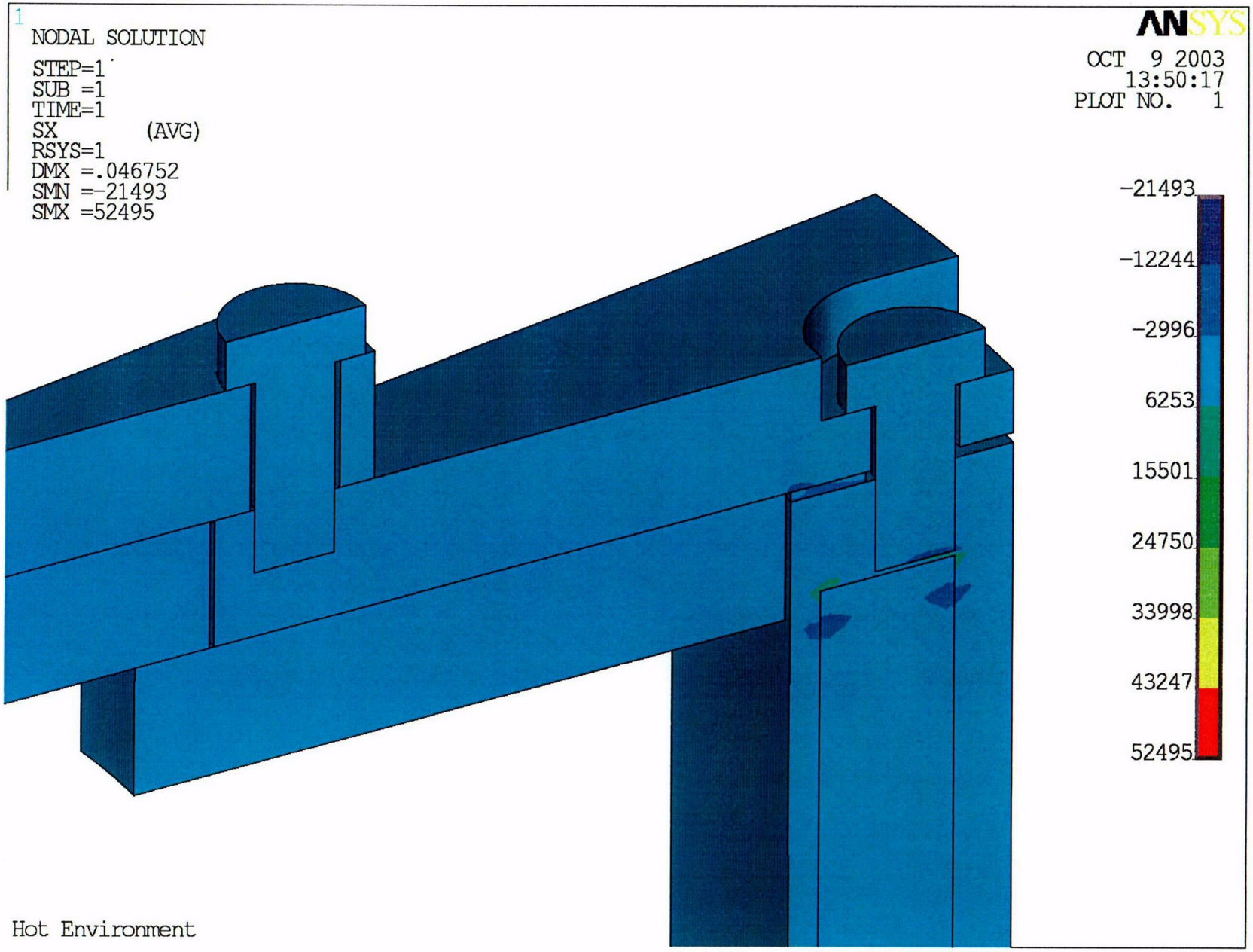


Figure 10

8-120B Cask Under Hot Environment – Radial Stress Distribution