## IN BRIEF

Recent implosion experiments carried out with the ZETA six beam laser system have yielded substantially higher compressed densities than earlier exploding pusher experiments. By utilizing thicker target walls, compressed DT densities of up to 2 g/cm<sup>3</sup> (10x liquid density) and fuel  $\rho R = 1.4 \times 10^{-3} \text{ g/cm}^2$  have been inferred from x-ray imaging. Compressed Argon densities of 6 g/cm<sup>3</sup> and  $\rho R = 1.5 \times 10^{-3} \text{ g/cm}^2$  have been measured with spectral line broadening methods. The high Argon densities are attributed in part to radiational cooling during the implosion.

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