REXCO simulation of mercury jet target

(from original run by A. Poncet)

Early simulation of the radial zone density variation in a mercury jet target in which 1 kJ of beam energy is deposited at time zero. The target radius is 3 mm, the length 50 mm and the beam radius (uniform density) is 0.5 mm.

The velocity of the outer zone is approximately: **1,000 ms^{-1}**