

**Reply to "Comments on 'Laser Fusion  
Hydrodynamics Calculations' "**

Although I do not take issue with the analysis of Ligou,<sup>1</sup> I do point out that alpha-particle redeposition in deuterium-tritium (DT) plasmas will probably be the most relevant problem to correctly model for the next generation of experiments in this country (i.e., SHIVA at Lawrence Livermore Laboratory and in the Eight-Beam System at Los Alamos Scientific Laboratory), where, significantly, ther-

monuclear burn is anticipated yet the plasma dimensions are still not large compared to alpha-particle mean-free-paths. In addition, I suggest that Ligou's more general analysis might be conveniently implemented to model the transport of fast ions generated in the plasma corona region.

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<sup>1</sup>J. LIGOU, *Nucl. Sci. Eng.*, **65**, 570 (1978).