

OMEGA LBS Publications 2007-2008

832. H.-S. Park, B. R. Maddox, E. Giraldez, S. P. Hatchett, L. T. Hudson, N. Izumi, M. H. Key, S. Le Pape, A. J. MacKinnon, A. G. MacPhee, P. K. Patel, T. W. Phillips, B. A. Remington, J. F. Seely, R. Tommasini, R. Town, J. Workman, and E. Brambrink, “High-Resolution 17–75 keV Backlighters for High Energy Density Experiments,” *Phys. Plasmas* **15** (7), 072705 (2008).
829. H. Park, B. A. Remington, D. Braun, P. Celliers, G. W. Collins, J. Eggert, E. Giraldez, S. Le Pape, T. Lorenz, B. Maddox, A. Hamza, D. Ho, D. Hicks, P. Patel, S. Pollaine, S. Prisbrey, R. Smith, D. Swift, and R. Wallace, “Quasi-Isentropic Material Property Studies at Extreme Pressures: From OMEGA to NIF,” *J. Phys., Conf. Ser.* **112**, 042024 (2008).
816. L. Divol, D. Froula, N. Meezan, R. Berger, R. London, P. Michel, and S. H. Glenzer, “Laser-Plasma Interaction in Ignition Relevant Plasmas: Benchmarking Our 3D Modelling Capabilities Versus Recent Experiments,” *J. Phys., Conf. Ser.* **112**, 022032 (2008).
804. M. H. Key, J. C. Adam, K. U. Akli, M. Borghesi, M. H. Chen, R. G. Evans, R. R. Freeman, H. Habara, S. P. Hatchett, J. M. Hill, A. Heron, J. A. King, R. Kodama, K. L. Lancaster, A. J. MacKinnon, P. Patel, T. Phillips, L. Romagnani, R. A. Snavely, R. Stephens, C. Stoeckl, R. Town, Y. Toyama, B. Zhang, M. Zepf, and P. A. Norreys, “Fast Ignition Relevant Study of the Flux of High Intensity Laser-Generated Electrons Via a Hollow Cone into a Laser-Imploded Plasma,” *Phys. Plasmas* **15** (12), 022701 (2008).
793. P. Neumayer, R. L. Berger, D. Callahan, L. Divol, D. H. Froula, R. A. London, B. J. MacGowan, N. B. Meezan, P. A. Michel, J. S. Ross, C. Sorce, K. Widmann, L. J. Suter, and S. H. Glenzer, “Energetics of Multiple-Ion Species Hohlraum Plasmas,” *Phys. Plasmas* **15**, 056307 (2008).
786. J. F. Hansen, S. G. Glendinning, R. F. Heeter, and S. J. E. Brockington, “Dynamic *Hohlraums* as X-Ray Sources in High-Energy Density Science,” *Rev. Sci. Instrum.* **79**, 013504 (2008).
782. P. A. Rosen, J. M. Foster, M. J. Taylor, P. A. Keiter, C. C. Smith, J. R. Finke, M. Gunderson, and T. S. Perry, “Experiments to Study Radiation Transport in Clumpy Media,” *Astrophys. Space Sci.* **307**, 213–217 (2007).
782. P. A. Rosen, J. M. Foster, M. J. Taylor, P. A. Keiter, C. C. Smith, J. R. Finke, M. Gunderson, and T. S. Perry, “Experiments to Study Radiation Transport in Clumpy Media,” *Astrophys. Space Sci.* **307**, 213–217 (2007).
780. J. F. Hansen, M. J. Edwards, D. H. Froula, A. D. Edens, G. Gregori, and T. Ditmire, “Laboratory Observation of Secondary Shock Formation Ahead of a Strongly Radiative Blast Wave,” *Astrophys. Space Sci.* **307**, 219–225 (2007).
779. J. F. Hansen, H. F. Robey, R. I. Klein, and A. R. Miles, “Mass-Stripping Analysis of an Interstellar Cloud by a Supernova Shock,” *Astrophys. Space Sci.* **307**, 147–152 (2007).

