Ignition relevant ablator response of boron carbide and high-density carbon driven by multiple shocks

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1This work was performed under the auspices of the U.S. Department of Energy by Lawrence Livermore National Laboratory under contract DE-AC52-07NA27344. Lawrence Livermore National Security, LLC. LLNL-ABS-640519.

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Date submitted: 12 Jul 2013 Electronic form version 1.4