

Abstract Submitted
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High-energy laser experiments on the Large Plasma Device¹ CARMEN CONSTANTIN, ANDREW COLLETTE, SHREEKRISHNA TRIPATHI, PATRICK PRIBYL, ERIK EVERSON, ALEXANDRE GIGLIOTTI, STEVE VINCENA, NATHAN KUGLAND, UCLA, RADU PRESURA, STEFAN NEFF, CHRISTOPHER PLECHATY, Univ. of Reno, Nevada, WALTER GEKELMAN, CHRISTOPH NIEMANN, UCLA — The interaction of a laser-plasma with a large magnetized plasma was studied with a high-energy laser at the Large Plasma Device. We will compare the magnetohydrodynamic response of the ambient plasma for a variety of plasma blow-off conditions as measured with an array of magnetic pickup and Langmuir probes.

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