

1158-60-140

Michael I Ham*, LANL, LOS ALAMOS, NM 87545. *Two color ejecta measurement mystery in Sn*. Preliminary report.

Passing two colors of lasers through a cloud of ejecta can determine the size of particles. Here results are compared between a successful series of experiments in Sn where small ejecta were observed and a second unsuccessful set where no small ejecta results were observed. Comparisons with MIE scattering in both instances are provided. A discussion about possible reasons for the discrepancies follows. (Received February 27, 2020)