

Abstract Submitted
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Electric Dipole Moments of Neutral Sodium Clusters¹ JOHN BOWLAN, ANTHONY LIANG, WALT DE HEER, Georgia Tech, DE HEER GROUP TEAM — Recent ab initio studies have predicted large electric dipole moments in neutral Na clusters. We performed an electric deflection experiment on these clusters at 20 K and have found upper bounds on their dipole moments that are orders of magnitude smaller than predicted, and consistent with zero.

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