

Abstract Submitted
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Charge Transfer in $\text{Ne}^{10+} + \text{H}$ Collisions¹ M. R. FOGLE, M. S. PINDZOLA, Auburn University — A time-dependent lattice method is used to calculate Ne^{9+} (nl) n=1-9 capture cross sections at incident energies of 1.00, 3.00, and 5.00 keV/amu. Using standard radiative transition rates, Lyman line ratios are calculated in support of Clemson CUEBIT experiments.

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