

AU Laube, S, Le Padellec, A, Sidko, O, Rebrion-Rowe, C, Mitchell, JBA, Rowe, BR  
TI New FALP-MS measurements of H-3(+), D-3(+) and HCO+ dissociative recombination  
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AB A series of measurements of the rate coefficient for the dissociative recombination (DR) of H-3(+) has been recorded. A value of  $7.8 \pm 2.3 \times 10^{-8} \text{ cm}^3 \text{ s}^{-1}$  was found for ions that are vibrationally cold. This is somewhat smaller than that measured previously by this group. The difference is ascribed to aerodynamic effects which affected our earlier measurement that have been eliminated in the present work. Results for D-3(+) and HCO+ DR are also reported.

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