ASTROCHEMISTRY WITH THE UMIST DATABASE 2005

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A new version of the UMIST Database for Astrochemistry is available, the fourth such version to be released to the community. The UDfA 2005 contains 4566 binary gas-phase reactions, an increase of 10% from the previous (1999) version. Major updates have been made to ion-neutral reactions, neutral-neutral reactions (particularly at low temperature), and dissociative recombination reactions. We have also augmented the chemistry to include fluorine. The database, associated software and documentation are to be found online at *www.udfa.net*.