

# Erratum: “State-to-state rotational transitions in $\text{H}_2 + \text{H}_2$ collisions at low temperatures” [J. Chem. Phys. **125**, 114302 (2006)]

Teck-Ghee Lee<sup>a)</sup>

Department of Physics and Astronomy, University of Kentucky, Lexington, Kentucky 40506  
and Physics Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee 37831

N. Balakrishnan

Department of Chemistry, University of Nevada—Las Vegas, Las Vegas, Nevada 89154

R. C. Forrey

Department of Physics, Penn State University, Berks-Lehigh Valley College, Reading, Pennsylvania 19610

P. C. Stancil

Center for Simulational Physics, Department of Physics and Astronomy, University of Georgia, Athens, Georgia 30602

D. R. Schultz

Physics Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee 37831

Gary J. Ferland

Department of Physics and Astronomy, University of Kentucky, Lexington, Kentucky 40506

(Received 23 March 2007; accepted 23 March 2007; published online 4 May 2007)

[DOI: [10.1063/1.2730820](https://doi.org/10.1063/1.2730820)]

Figure 4 in our previous article<sup>1</sup> is incorrect. The figure should be replaced by the present correct Fig. 1.

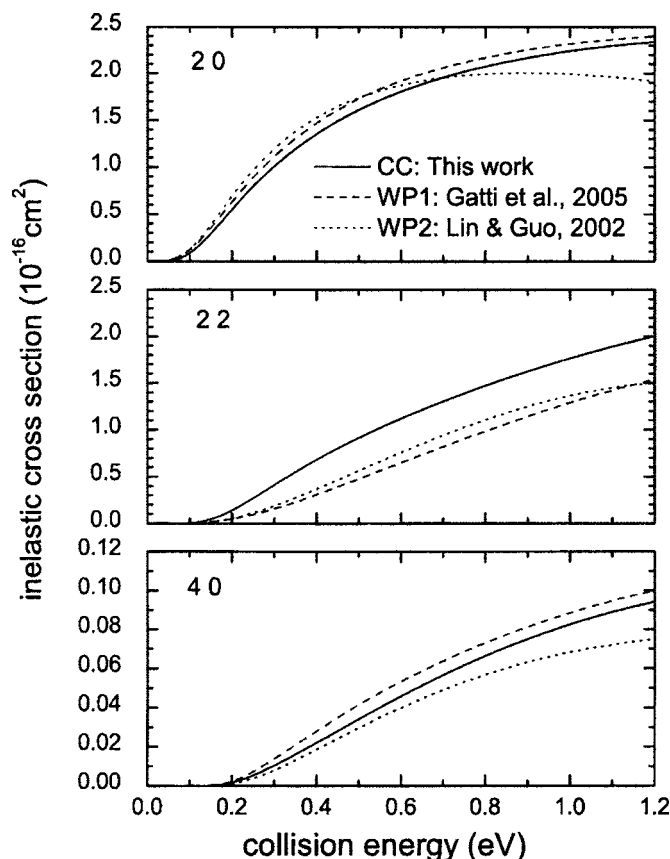


FIG. 1. Comparison of cross sections for  $00 \rightarrow 20$ ,  $22$ , and  $40$  transitions. The calculations are based on the BMKP PES. The solid, dashed, and dotted lines are the present close-coupling calculation, wave packet calculation of Gatti *et al.*<sup>2</sup> and Lin and Guo,<sup>3</sup> respectively.

<sup>1</sup>T.-G. Lee, N. Balakrishnan, R. C. Forrey, P. C. Stancil, D. R. Schultz, and G. J. Ferland, J. Chem. Phys. **126**, 114302 (2006).

<sup>2</sup>F. Gatti, F. Otto, S. Sukiasyan, and Hans-Dieter Meyer, J. Chem. Phys. **123**, 174311 (2005).

<sup>3</sup>S. Y. Lin and H. Guo, J. Chem. Phys. **117**, 5183 (2002).

<sup>a)</sup>Electronic mail: leetg@ornl.gov