## Semiclassical Wave Packet Treatment of Scattering Resonances: Application to the Delta Zero-Point Energy Effect in Recombination Reactions

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tion in Fig. 4 is not purely one-dimensional; it exhibits some probability in the well region and towards the other channel, especially its imaginary part). Furthermore, all the narrow resonances in the ZPE range can be viewed as Feshbach resonances since the entrance open channel ( $^{16}$ O