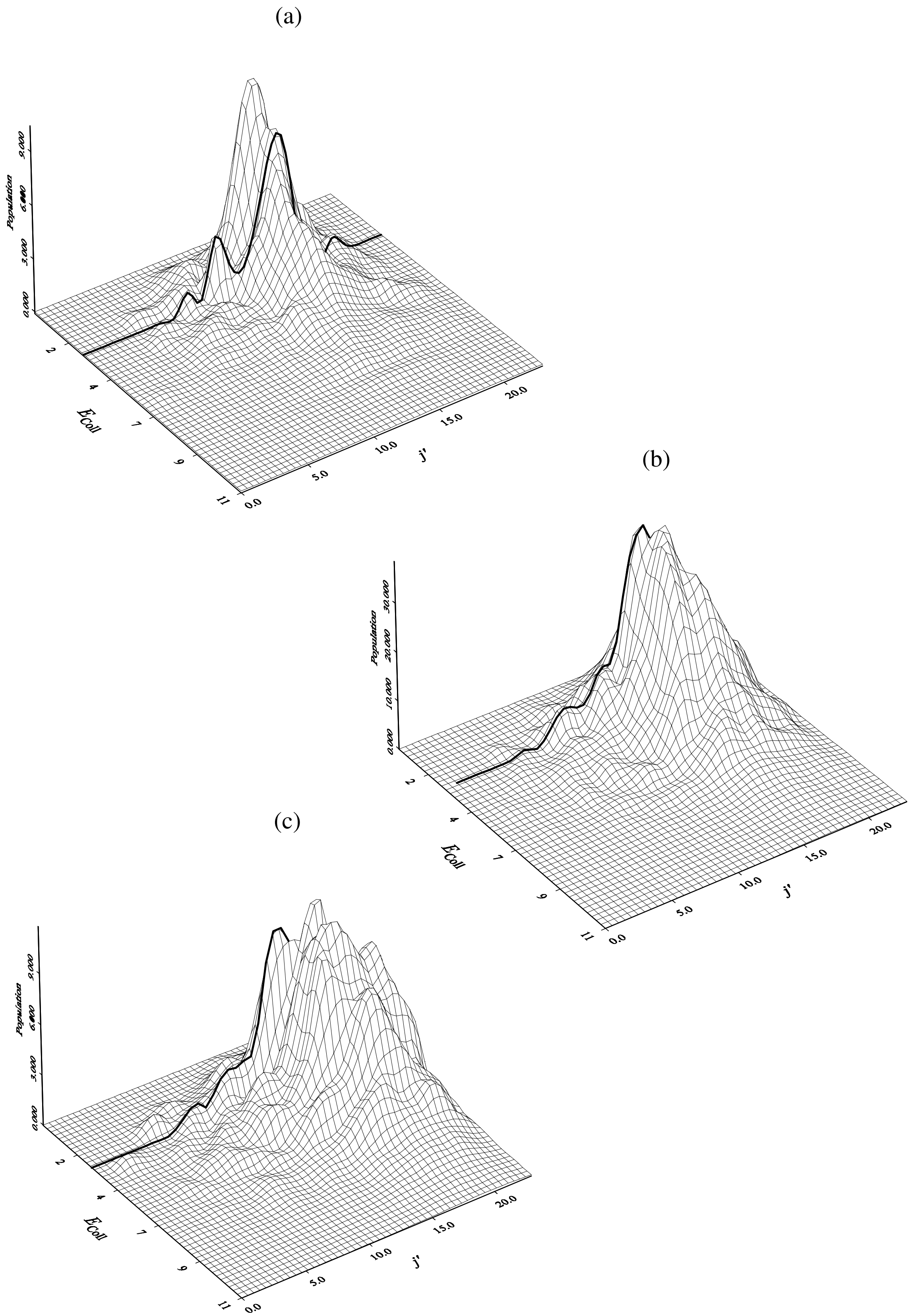

Figure 7. The energy dependence of OH ($v' = 0$) rotational distrbutions. The distribution at $E_{\mathrm{coll}} = 3.0$ kcal/mol is highlighted using thick lines. The mesh plotted is spline-interpolated to yield roughly twice the number of grid points as data in each direction. Rotational distributions from (a) HCl ($v = 2$, $j = 1$), (b) HCl ($v = 2$, $j = 6$), and (c) HCl ($v = 2$, $j = 9$) are shown. The rotational distributions at 3.0 kcal/mol bear close qualitative similarities to the experimental results of Zhang *et al*. [21].