Supplementary Material (ESI) for Soft Matter

Elastic constants of hard thick platelets by Monte Carlo simulation and virial expansion: SUPPLEMENTARY DATA

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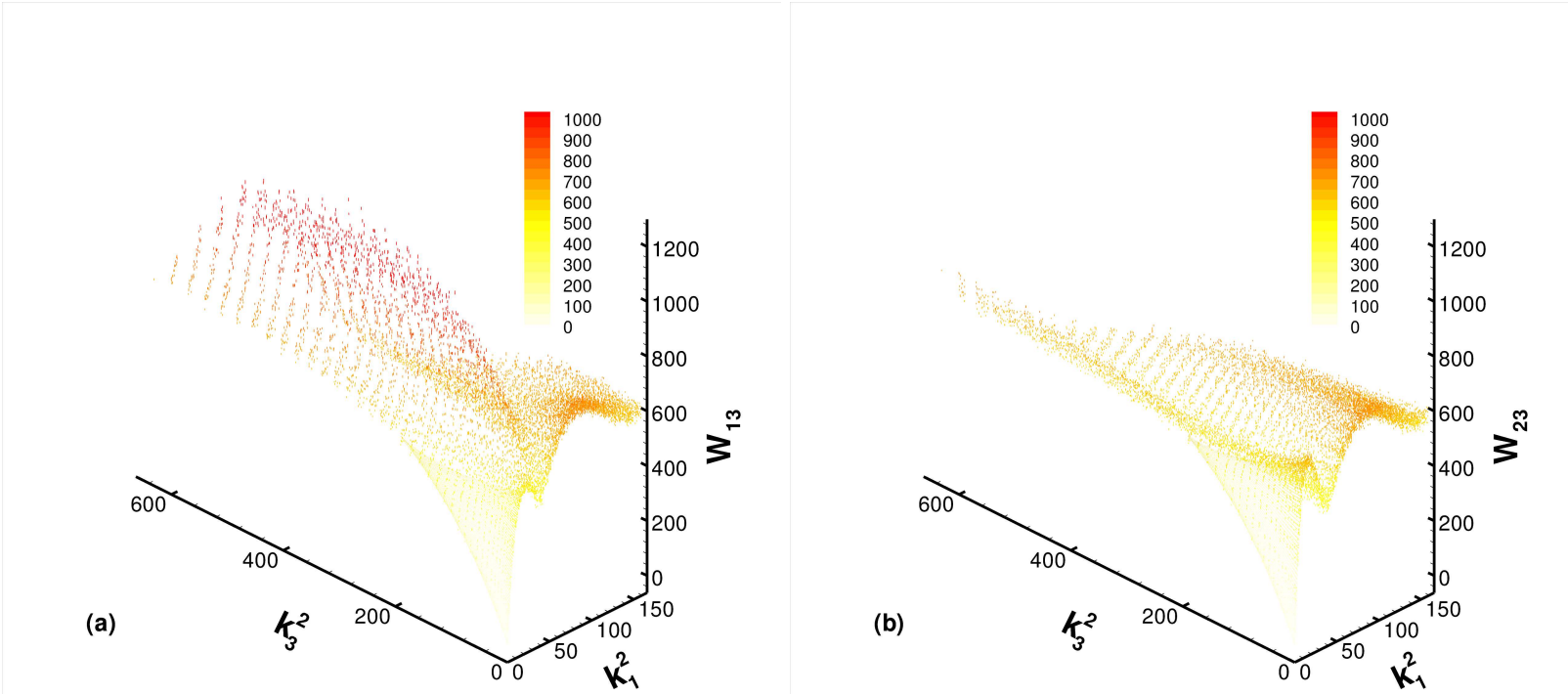

FIG. S1: The inverse fluctuation spectra (a) $\mathcal{W}_{13}$ and (b) $\mathcal{W}_{23}$ as a function of wavevector components (k_1^2, k_3^2) for cut spheres with $H/D = 1/20$, $\rho D^3 = 8.0$. The simulation data with statistical error is given as a set of vertical lines, with the dotted surface representing the fitting function. The legends show the contour colour coding, with all units such that $D = 1$ and $k_B T = 1$.

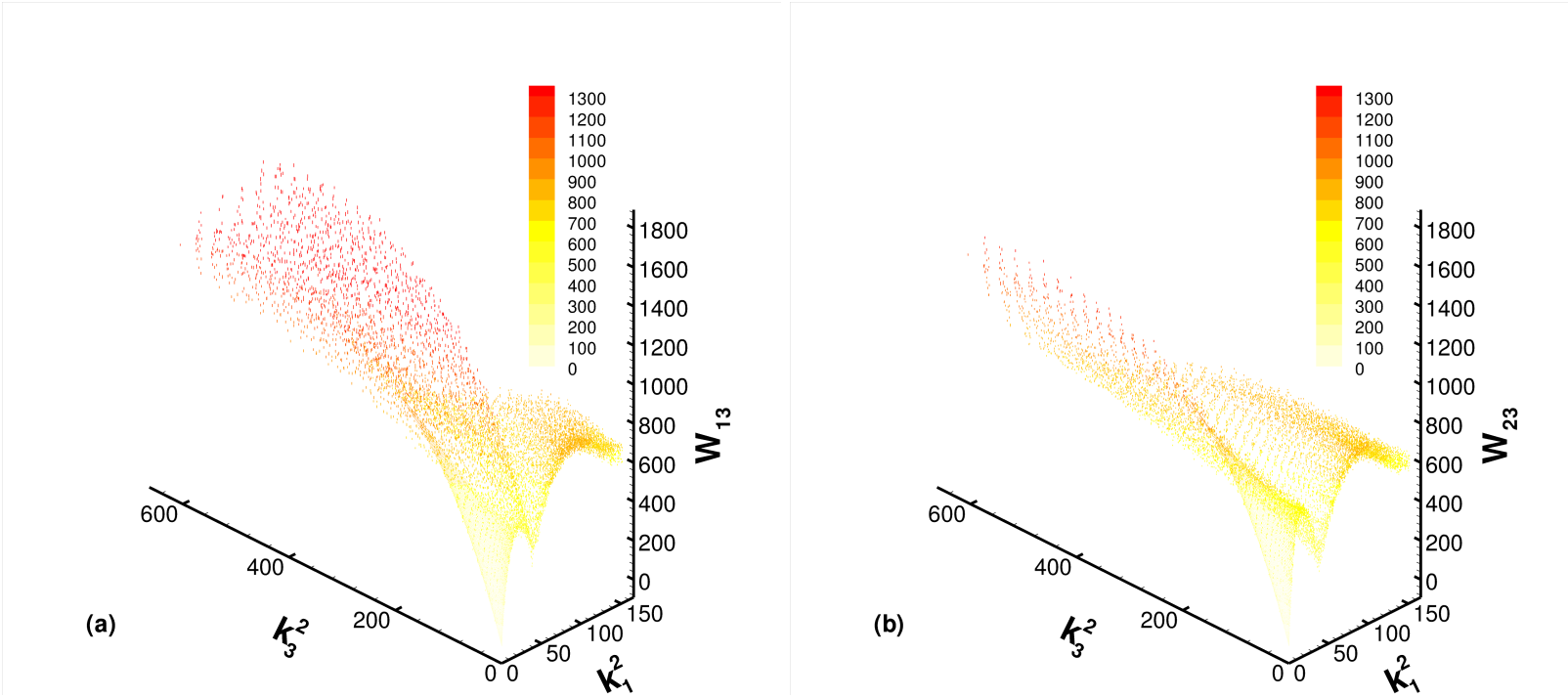

FIG. S2: The inverse fluctuation spectra (a) $\mathcal{W}_{13}$ and (b) $\mathcal{W}_{23}$ as a function of wavevector components (k_1^2, k_3^2) for cut spheres with $H/D = 1/15$, $\rho D^3 = 7.5$. Notation as for Figure S1.

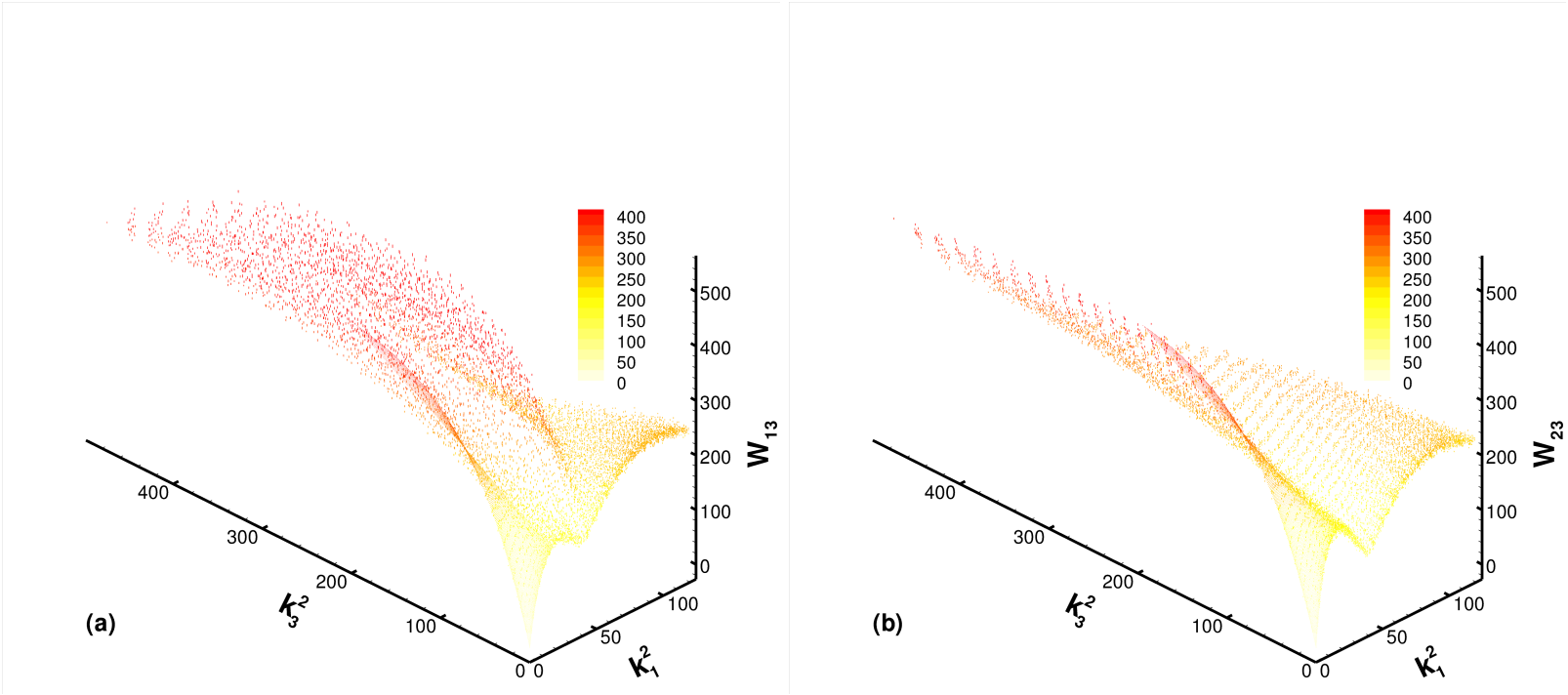

FIG. S3: The inverse fluctuation spectra (a) $\mathcal{W}_{13}$ and (b) $\mathcal{W}_{23}$ as a function of wavevector components (k_1^2, k_3^2) for cut spheres with $H/D = 1/10$, $\rho D^3 = 5.2$. Notation as for Figure S1.