



2D sections of the calculated potential v , the density ρ , and the angular motion correlation function ϕ for n He atoms bound to a carbonyl sulfide (OCS) molecule. For $n \leq 5$, the helium atoms form a doughnut around the OCS; above this they spill out and spread towards the molecular poles. Large ϕ means that the He atoms are rigidly rotating with the molecule. See article 143401.

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