

Electronic Supplementary Information for Soft Matter manuscript: Single-walled carbon nanotube reptation dynamics in submicron sized pores from randomly packed mono-sized colloids

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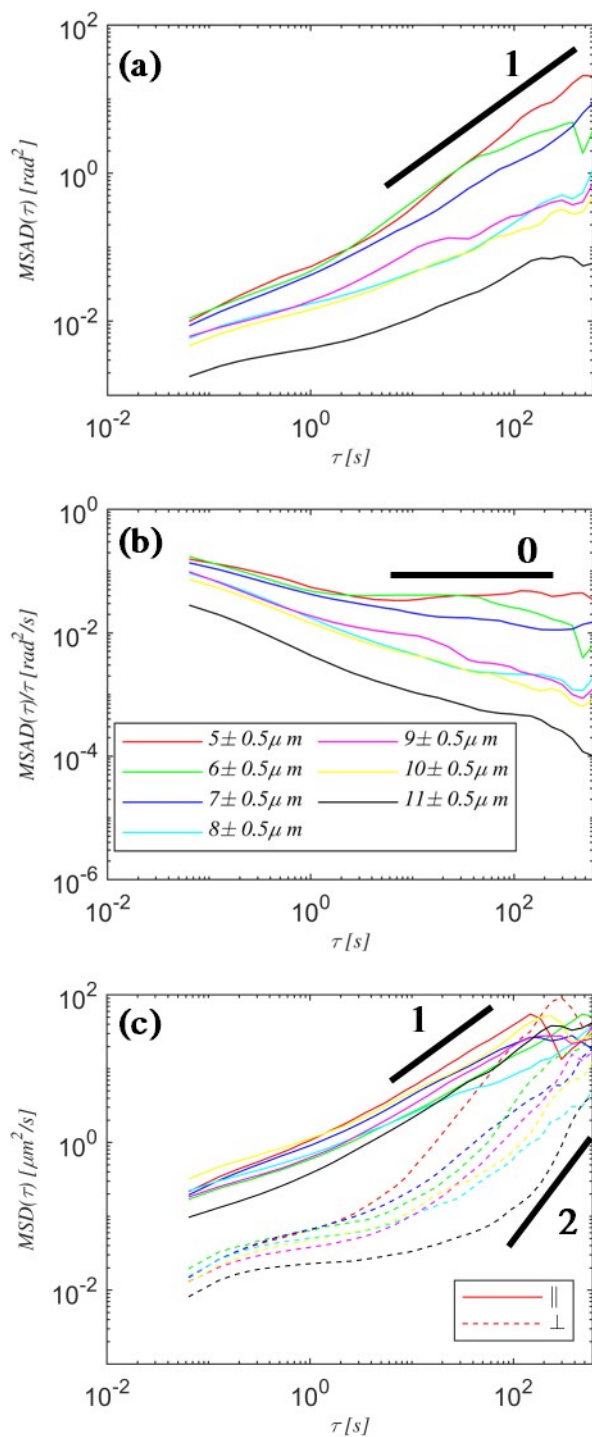


Figure S 1. Brownian dynamics of length-variant (6,5) chirality SWCNTs in randomly packed-colloid from 2 micron diameter silica colloid. SWCNT length is obtained from longest contour length of SWCNT backbone points. To minimize pore heterogeneity effect, Brownian dynamics of each SWCNT length comes from 5 to 15 different observations at different pore location. The averaged angular and translational MSD is the arithmetic average of each individual MSD. This Brownian dynamics with wide

SWCNT length range and large number of pore structures show a consistent scaling law with the description in text.