ACRONYMS

a, b, c	: lattice constants
Å	: Ångström unit ($\equiv 10^{-10}$ m)
CD	: cyclodextrin
D_x	: calculated crystal density
DHO	: damped harmonic oscillator
DIMEA	: hexakis(2,6-di-*O*-methyl)-α-CD (dimethyl-α-CD)
DIMEB	: heptakis(2,6-di-*O*-methyl)-β-CD (dimethyl-β-CD)
DIMEG	: octakis(2,6-di-*O*-methyl)-γ-CD (dimethyl-γ-CD)
D_{rot}	: rotational diffusion coefficient
D_{trans}	: translational diffusion coefficient
DWF	: Debye-Waller factor
EISF	: elastic incoherent structure factor
F_c	: calculated structure factor
F_o	: observed structure factor
FWHM	: full width at half maximum
HWHM	: half width at half maximum
M	: molar (mol L^{-1})
QISF	: quasielastic incoherent structure factor
QENS	: quasielastic neutron scattering
R	: conventional residual
$S(\vec{Q},\omega)$	: neutron scattering function
TOF	: time of flight
TRIMEA	: hexakis(2,3,6-tri-*O*-methyl)-α-CD (trimethyl-α-CD)
TRIMEB	: heptakis(2,3,6-tri-*O*-methyl)-β-CD (trimethyl-β-CD)
TRIMEG	: octakis(2,3,6-tri-*O*-methyl)-γ-CD (trimethyl-γ-CD)
w	: weight of a structure factor
wR	: weighted residual
x, y, z	: atomic coordinates
Z	: number of formula units per unit cell
α, β, γ	: unit cell angles
ΔE	: neutron elastic energy resolution
ϕ	: scattering angle
λ	: X-ray wavelength
λ_0	: neutron wavelength
μ	: absorption coefficient
σ	: standard error
τ_{rot}	: relaxation time of rotational diffusion
τ_{trans}	: relaxation time of translational diffusion