Simulation Results

Apparent difusivities in units of [10^{-5} cm^2/s]
Input diffusivity $D_0 = 1.48 \times 10^{-5}$ cm^2/s

$\Delta T_z = 0$	2R = 1mm			2R = 3 mm		
ΔT_θ [K]	1.0	0.1	0.01	0.1	0.05	0.01
D_C	3.69	1.50	1.48	7.92	3.08	1.54
D_W	3.69	1.50	1.48	7.92	3.08	1.54
D_{ax}	2.25**	1.50*	1.51**	7.87**	3.26*	1.60*
D_{ax0}	2.25**	1.49*	1.49**	6.18**	2.75*	1.51*
$D_{ax,,}$	2.25**	1.49*	1.49**	8.43**	3.45*	1.57*
$\Delta T_z = 2$ K						
ΔT_θ [K]	1.0	0.1	-	0.1	0.077	0.01
D_C	2.63	1.51	-	8.93	5.73	1.55
D_W	2.63	1.51	-	8.93	5.73	1.55
D_{ax}	2.25**	1.48*	-	8.76**	7.02*	1.60*
D_{ax0}	2.25**	1.47*	-	7.19**	5.96*	1.51*
$D_{ax,,}$	2.25**	1.47*	-	8.76**	7.64*	1.57*

Values with * obtained at t = 300 min, with ** at 356 min.