

System Temperature	Duration (nsec)	Pressure (bar)	Area per Lipid (\AA^2)	APL strain	PP dist (\AA)	K_A dyn/cm	$F'(0)$ Kcal/mol/ \AA
18:0;20:4 PE 20 C	348	1	61.49(0.18)		41.82(0.48)	230(27)	0.169(0.009)
	342	250	60.61(0.16)	0.014	41.81(0.47)	279(6)	0.167(0.005)
	340	500	59.28(0.17)	0.036	42.13(0.47)	265(9)	0.174(0.007)
	315	750	58.62(0.22)	0.047	42.22(0.50)	242(24)	0.153(0.005)
	348	1000	57.68(0.24)	0.062	42.48(0.50)	260(87)	0.133(0.011)
	350	1500	56.33(0.23)	0.084	42.64(0.44)	292(27)	0.051(0.006)
18:0;20:4 PE-O 20 C	313	1	62.81(0.13)		40.97(0.43)	284(16)	0.124(0.006)
	304	250	62.15(0.16)	0.011	40.83(0.43)	286(7)	0.116(0.005)
	306	500	61.25(0.17)	0.025	40.86(0.44)	275(12)	0.100(0.008)
	309	750	60.59(0.19)	0.035	40.90(0.45)	249(6)	0.084(0.006)
	335	*1000	59.56(0.18)	0.052	41.19(0.40)	387(14)	0.052(0.009)
	326	*1500	58.42(0.23)	0.070	41.26(0.43)	336(36)	0.054(0.006)
18:0;18:1 PE 60 C	318	1	61.35(0.12)		42.30(0.52)	263(3)	0.231(0.008)
	330	500	58.03(0.15)	0.054	43.04(0.55)	246(10)	0.204(0.006)
	320	1000	55.11(0.27)	0.102	44.01(0.63)	195(8)	0.160(0.008)
18:0;18:1 PE-O 60 C	181	1	62.84(0.09)		41.21(0.43)	323(3)	0.177(0.007)
	334	500	60.10(0.15)	0.044	41.58(0.49)	276(5)	0.132(0.007)
	339	1000	57.59(0.16)	0.084	42.16(0.49)	250(8)	0.119(0.008)
18:1;18:1 PE 20 C	308	1	60.73(0.17)		41.30(0.46)	286(19)	0.224(0.006)
	308	250	59.96(0.15)	0.013	41.81(0.44)	262(19)	0.199(0.007)
	330	500	58.27(0.20)	0.041	41.81(0.44)	285(10)	0.215(0.006)
	354	750	57.75(0.21)	0.049	41.74(0.52)	284(81)	0.213(0.010)
	364	1000	57.12(0.4)	0.060	41.79(0.49)	172(15)	0.178(0.009)
	316	*1500	49.11(0.91)	0.191	44.96(1.0)	1902(3)	0.061(0.020)
18:1;18:1 PC 20 C	312	1	67.65(0.14)		38.57(0.40)	267(8)	0.047(0.005)
	331	250	66.83(0.14)	0.012	38.48(0.45)	254(5)	0.031(0.007)
	355	500	65.83(0.17)	0.027	38.52(0.42)	264(5)	0.032(0.004)
	322	750	65.37(0.27)	0.034	38.42(0.36)	260(10)	0.034(0.008)
	303	1000	64.61(0.18)	0.045	38.46(0.36)	340(11)	0.022(0.005)
	312	1500	63.07(0.18)	0.068	38.69(0.36)	327(12)	-0.001(0.006)