F3-1
H+

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3.5	-0.75	0.5625	-0.2811	46	3.8286	0.3748	0.1405
	4	-0.25	0.0625	-0.0254	35	3.5553	0.1015	0.0103
	4.5	0.25	0.0625	-0.0395	27	3.2958	-0.1580	0.0250
	5	.0.75	0.5625	-0.2387	23	3.1355	-0.3183	0.1013
$\sum$	17	0	1.25	-0.5847		13.8152	0	0.2771
$\langle\rangle$	4.25	0	0.3125	-0.1462		3.4538	0	0.0693
s_x^2			0.4167					
s_x			0.6455					
s_y^2								0.09237
s_y								0.30392
s_{xy}				-0.1949				

$R = -0.993$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 5.4416 - L/2.138$

$W = 230 \exp(-L/2.138)$

F3-2
H+

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3.5	-0.75	0.5625	-0.1894	20	2.996	0.2525	0.0638
	4	-0.25	0.0625	-0.0069	18	2.890	0.1465	0.0215
	4.5	0.25	0.0625	-0.0351	13.5	2.603	-0.1405	0.0197
	5	.0.75	0.5625	-0.1939	12	2.485	-0.2585	0.0668
$\sum$	17	0	1.25	-0.4253		10.974	0	0.1718
$\langle\rangle$	4.25	0	0.3125	-0.1063		2.7435	0	0.043
s_x^2			0.4167					
s_x			0.6455					
s_y^2								0.05727
s_y								0.2393
s_{xy}				-0.1418				

$R = -0.918$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 4.19 - L/2.938$

$W = 66 \exp(-L/2.94)$

F3-3

H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	4.5	-1.5	2.25	-0.9440	9.7	2.272	0.6293	0.3960
	5	-1	1	-0.4493	8.1	2.092	0.4493	0.2019
	5.5	-0.5	0.25	-0.1447	6.9	1.932	0.2893	0.0837
	6	0	0	0	5.2	1.649	0.0063	0.0000
	6.5	0.5	0.25	-0.1674	3.7	1.308	-0.3347	0.1120
	7	1	1	-0.3897	3.5	1.253	-0.3897	0.1519
	7.5	1.5	2.25	-0.9746	2.7	0.993	-0.6497	0.4221
$\sum$	42	0	7	-3.0697		11.499	0.0001	1.3676
$\langle\rangle$	6	0	1	-0.4385		1.6427	0	0.1954
s_x^2			1.1667					
s_x			1.0801					
s_y^2								0.2279
s_y								0.4774
s_{xy}				-0.5116				

$R = -0.992$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 4.2737 - L/2.28$

$W = 72 \exp(-L/2.28)$

F3-4
H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3.5	-1.5	2.25	-1.425	42	3.738	0.95	0.9025
	4	-1	1	-0.767	35	3.555	0.767	0.5883
	4.5	-0.5	0.25	-0.195	24	3.178	0.39	0.1521
	5	0	0	0	16	2.773	-0.015	0.0002
	5.5	0.5	0.25	-0.195	11	2.398	-0.39	0.1521
	6	1	1	-0.709	8	2.079	-0.709	0.5927
	6.5	1.5	2.25	-1.494	6	1.792	-0.996	0.9920
$\sum$	35	0	7	-4.785		19.513	-0.003	3.3799
$\langle\rangle$	5	0	1	-0.6836		2.788	0	0.4828
s_x^2			1.167					
s_x			1.0801					
s_y^2								0.5633
s_y								0.7505
s_{xy}				-0.7975				

$R = -0.984$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 6.2061 - L/1.463$

$W = 496 \exp(-L/1.463)$

F3-5
H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3	-1	1	-0.925	80	4.382	0.925	0.856
	3.5	-0.5	0.25	-0.210	48.3	3.877	0.420	0.176
	4	0	0	0	40	3.695	0.238	0.057
	4.5	0.5	0.25	-0.171	16	2.773	-0.684	0.468
	5	1	1	-0.901	13	2.556	-0.901	0.812
$\sum$	20	0	2.5	-2.207		17.283	-0.002	2.399
$\langle\rangle$	4	0	0.5	-0.441		3.457	0	0.480
s_x^2			0.625					
s_x			0.791					
s_y^2								0.600
s_y								0.774
s_{xy}				-0.552				

$R = -0.901$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 6.984 - L/1.134$

$W = 1079 \exp(-L/1.134)$

F3-6
H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3.5	-0.75	0.5625	-0.330	47.8	3.867	0.440	0.1936
	4	-0.25	0.0625	-0.067	40.25	3.695	0.268	0.0718
	4.5	0.25	0.0625	-0.015	29	3.367	-0.060	0.0036
	5	0.75	0.5625	-0.486	16.1	2.779	-0.648	0.4199
$\sum$	17	0	1.25	-0.898		13.708	0	0.6889
$\langle\rangle$	4.25	0	0.3125	-0.2245		3.427	0	0.1722
s_x^2			0.4167					
s_x			0.6455					
s_y^2								0.2296
s_y								0.4792
s_{xy}				-0.2993				

$R = -0.968$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 6.47996 - L/1.3921$

$W = 652 \exp(-L/1.392)$

F3-7
H+O

10	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3.5	-1	1	-0.791	28	3.332	0.791	0.626
	4	-0.5	0.25	-0.252	21	3.045	0.504	0.254
	4.5	0	0	0	14	2.639	0.098	0.010
	5	0.5	0.25	-0.231	8	2.079	-0.462	0.213
	5.5	1	1	-0.932	5	1.609	-0.932	0.869
$\sum$	22.5	0	2.5	-2.206		12.704	-0.001	1.972
$\langle\rangle$	4.5	0	0.5	0.441		2.541	0	0.394
s_x^2			0.625					
s_x			0.791					
s_y^2								0.493
s_y								0.702
s_{xy}				-0.5515				

$R = -0.999$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 6.512 - L/1.133$

$W = 673 \exp(-L/1.133)$

F3-8
H+O

10	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3.5	-1	1	-0.734	32	3.466	0.734	0.539
	4	-0.5	0.25	-0.2015	23	3.135	0.403	0.162
	4.5	0	0	0	15.5	2.741	0.009	0.0001
	5	0.5	0.25	-0.2145	10	2.303	-0.429	0.184
	5.5	1	1	-0.717	7.5	2.015	-0.717	0.514
$\sum$	22.5	0	2.5	-1.867		13.66	0.000	1.399
$\langle\rangle$	4.5	0	0.5	-0.3734		2.732	0.000	0.28
s_x^2			0.625					
s_x			0.791					
s_y^2								0.35
s_y								0.5914
s_{xy}				-0.467				

$R = -0.998$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 6.0944 - L/1.34$

$W = 443 \exp(-L/1.34)$

F3-9
H+O

10	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3.5	-0.5	0.25	-0.2275	12.5	2.526	0.455	0.2070
	4	0	0	0	8	2.079	0.008	0.0000
	4.5	0.5	0.25	-0.231	5	1.609	-0.462	0.2134
$\sum$	12	0	0.5	-0.4585		6.214	0.001	0.4204
$\langle\rangle$	4	0	0.167	-0.1528		2.071	0	0.1401
s_x^2			0.25					
s_x			0.5					
s_y^2								0.2102
s_y								0.4585
s_{xy}				-0.2293				

$R = -0.999$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 5.74 - L/1.09$

$W = 311 \exp(-L/1.09)$

F3_10
H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \lg W)^2$
	3.5	-1	1	-0.530	16	2.773	0.530	0.2809
	4	-0.5	0.25	-0.142	12.5	2.526	0.283	0.0801
	4.5	0	0	0.000	9	2.197	-0.046	0.0021
	5	0.5	0.25	-0.114	7.5	2.015	-0.228	0.0520
	5.5	1	1	-0.538	5.5	1.705	-0.538	0.2894
$\sum$	22.5	0	2.5	-1.324		11.216	0.001	0.7045
$\langle\rangle$	4.5	0	0.5	-0.2648		2.243	0	0.1409
s_x^2			0.625					
s_x			0.791					
s_y^2								0.1761
s_y								0.4197
s_{xy}				-0.331				

$R = -0.997$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 4.626 - L/1.89$

$W = 102 \exp(-L/1.89)$

F3_11
H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3	-1	1	-0.689	28	3.332	0.689	0.4747
	3.5	-0.5	0.25	-0.1095	17.5	2.862	0.219	0.0480
	4	0	0	0	15	2.708	0.065	0.0042
	4.5	0.5	0.25	-0.1005	11.5	2.442	-0.201	0.0404
	5	1	1	-0.771	6.5	1.872	-0.771	0.5944
$\sum$	20	0	2.5	-1.67		13.216	0.001	1.1617
$\langle\rangle$	4	0	0.5	-0.334		2.643	0	0.2323
s_x^2			0.625					
s_x			0.791					
s_y^2								0.29
s_y								0.5389
s_{xy}				-0.4175				

$R = -0.979$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 5.315 - L/1.497$

$W = 203 \exp(-L/1.497)$

F3_12
H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3.5	-1	1	-0.564	55	4.007	0.564	0.3181
	4	-0.5	0.25	-0.148	42	3.738	0.295	0.0870
	4.5	0	0	0	31	3.434	-0.009	0.0001
	5	0.5	0.25	-0.192	21.3	3.059	-0.384	0.1475
	5.5	1	1	-0.468	19.6	2.975	-0.468	0.2190
$\sum$	22.5	0	2.5	-1.372		17.213	-0.002	0.7717
$\langle\rangle$	4.5	0	0.5	-0.2744		3.443	0	0.1543
s_x^2			0.625					
s_x			0.791					
s_y^2								0.193
s_y								0.439
s_{xy}				-0.343				

$R = -0.988$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 5.91 - L/1.824$

$W = 368 \exp(-L/1.824)$

F3_14
H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3.5	-1	1	-0.5616	15.30	2.7278	0.5616	0.3154
	4	-0.5	0.25	-0.12795	11.27	2.4221	0.2559	0.0655
	4.5	0	0	0	8.37	2.1246	-0.0416	0.0017
	5	0.5	0.25	-0.13955	6.60	1.8871	-0.2791	0.0779
	5.5	1	1	-0.4966	5.31	1.6696	-0.4966	0.2466
$\sum$	22.5	0	2.5	-1.3257		10.8312	0.0002	0.7071
$\langle\rangle$	4.5	0	0.5	-0.2651		2.1662	0	0.1414
s_x^2			0.625					
s_x			0.791					
s_y^2								0.1768
s_y								0.4204
s_{xy}				-0.3314				

$R = -0.997$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 4.5523 - L/1.886$

$W = 95 \exp(-L/1.886)$

F3_15
H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3.5	-0.75	0.5625	-0.3465	24.47	3.197	0.462	0.2134
	4	-0.25	0.0625	-0.0348	17.71	2.874	0.139	0.0193
	4.5	0.25	0.0625	-0.0295	13.69	2.617	-0.118	0.0139
	5	0.75	0.5625	-0.3630	9.50	2.251	-0.484	0.2343
$\sum$	17	0	1.25	-0.7738		10.939	-0.001	0.4809
$\langle\rangle$	4.25	0	0.3125	-0.1935		2.735	0	0.1202
s_x^2			0.4167					
s_x			0.6255					
s_y^2								0.1603
s_y								0.4004
s_{xy}				-0.2579				

$R = -0.998$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 5.366 - L/1.616$

$W = 214 \exp(-L/1.616)$

F3_16
H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3	-1	1	-0.772	17	2.833	0.772	0.5960
	3.5	-0.5	0.25	-0.1685	11	2.398	0.337	0.1136
	4	0	0	0	8	2.079	0.018	0.0003
	4.5	0.5	0.25	-0.226	5	1.609	-0.452	0.2043
	5	1	1	-0.3375	4	1.386	-0.675	0.4556
$\sum$	20	0	2.5	-1.504		10.305	0	1.3698
$\langle\rangle$	4	0	0.5	-0.301		2.061	0	0.274
s_x^2			0.625					
s_x			0.791					
s_y^2								0.3425
s_y								0.5852
s_{xy}				-0.376				

$R = -0.812$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 4.4674 - L/1.662$

$W = 87 \exp(-L/1.662)$

F3_17
H+O

	L	ΔL	$(\Delta L)^2$	$\Delta x \Delta y$	W	$\ln W$	$\Delta \ln W$	$(\Delta \ln W)^2$
	3	-1.5	2.25	-1.782	70	4.248	1.188	1.411
	3.5	-1	1	-0.629	40	3.689	0.629	0.396
	4	-0.5	0.25	-0.032	20	2.996	-0.064	0.004
	4.5	0	0	0	18	2.890	-0.17	0.029
	5	0.5	0.25	-0.1135	17	2.833	-0.227	0.052
	5.5	1	1	-0.494	13	2.565	-0.494	0.244
	6	1.5	2.25	-1.294	9	2.197	-0.863	0.745
$\sum$	31.5	0	7	-4.345		21.148	-0.001	2.881
$\langle\rangle$	4.5	0	1	-0.621		3.0597	0	0.412
s_x^2			1.1666					
s_x			1.0801					
s_y^2								0.4892
s_y								0.69294
s_{xy}				-0.724				

$R = -0.967$

$W = W_0\, e^{-L/L0}$

$\ln W = \ln W_0 - L/L_0 = 5.853 - L/1.611$

$W = 348 \exp(-L/1.611)$