

Supplementary material for the article *Flow regimes of Rayleigh-Bénard convection in a vertical magnetic field* by Till Zürner, Felix Schindler, Tobias Vogt, Sven Eckert and Jörg Schumacher.

This document contains selected quantities over the (Ra, Ha) parameter range presented in the main article. Uncertainties of the quantities are given as standard deviation. The *Figure* column gives a reference to which measurements are specifically shown in a figure of the main article. More details on the definition of the listed quantities can be found in the main article.

Measurements without magnetic field

The following measurements were taken at $Ha = 0$ and are all in the *LSC: Oscillations* regime. The uncertainties of Pr and Pm are, at most, 10^{-4} and 10^{-9} , respectively. Values for Nu , Re_{LSC} and Re_{centre} at $Ha = 0$ can be found in the supplementary material of Zürner *et al.*, 2019, *J. Fluid Mech.* **876**, 1108–1128.

Ra	Pr	Pm	Re_{global}	Figure
$(9.678 \pm 0.374) \times 10^5$	0.0292	1.362×10^{-6}	1545 ± 144	5(a)
$(9.884 \pm 0.328) \times 10^5$	0.0292	1.362×10^{-6}	1485 ± 135	
$(1.013 \pm 0.035) \times 10^6$	0.0292	1.362×10^{-6}	1560 ± 146	
$(1.039 \pm 0.031) \times 10^6$	0.0292	1.362×10^{-6}	1664 ± 151	
$(1.042 \pm 0.037) \times 10^6$	0.0292	1.362×10^{-6}	1463 ± 154	
$(1.046 \pm 0.025) \times 10^6$	0.0292	1.362×10^{-6}	1602 ± 142	
$(1.110 \pm 0.040) \times 10^6$	0.0292	1.362×10^{-6}	1735 ± 168	
$(1.110 \pm 0.040) \times 10^6$	0.0292	1.362×10^{-6}	1612 ± 163	
$(1.571 \pm 0.048) \times 10^6$	0.0292	1.362×10^{-6}	2003 ± 173	
$(1.599 \pm 0.035) \times 10^6$	0.0292	1.362×10^{-6}	1977 ± 184	
$(1.660 \pm 0.068) \times 10^6$	0.0292	1.362×10^{-6}	1762 ± 215	
$(1.731 \pm 0.059) \times 10^6$	0.0292	1.362×10^{-6}	1963 ± 203	
$(2.012 \pm 0.047) \times 10^6$	0.0292	1.362×10^{-6}	2213 ± 217	
$(2.091 \pm 0.050) \times 10^6$	0.0292	1.362×10^{-6}	2367 ± 238	
$(2.093 \pm 0.075) \times 10^6$	0.0292	1.362×10^{-6}	2193 ± 229	
$(2.126 \pm 0.054) \times 10^6$	0.0292	1.362×10^{-6}	2151 ± 196	
$(2.167 \pm 0.077) \times 10^6$	0.0292	1.362×10^{-6}	2172 ± 217	
$(2.177 \pm 0.052) \times 10^6$	0.0292	1.362×10^{-6}	2215 ± 234	
$(2.270 \pm 0.053) \times 10^6$	0.0292	1.362×10^{-6}	2066 ± 241	
$(2.301 \pm 0.059) \times 10^6$	0.0292	1.362×10^{-6}	2205 ± 217	
$(3.120 \pm 0.071) \times 10^6$	0.0292	1.362×10^{-6}	2468 ± 258	
$(3.125 \pm 0.078) \times 10^6$	0.0292	1.362×10^{-6}	2494 ± 235	
$(3.139 \pm 0.070) \times 10^6$	0.0292	1.362×10^{-6}	2712 ± 277	
$(3.192 \pm 0.087) \times 10^6$	0.0292	1.362×10^{-6}	2471 ± 275	
$(4.101 \pm 0.081) \times 10^6$	0.0292	1.362×10^{-6}	2646 ± 279	
$(4.143 \pm 0.167) \times 10^6$	0.0292	1.362×10^{-6}	3049 ± 326	

$(4.179 \pm 0.132) \times 10^6$	0.0292	1.362×10^{-6}	2750 ± 275
$(4.180 \pm 0.101) \times 10^6$	0.0292	1.362×10^{-6}	2941 ± 308
$(4.182 \pm 0.145) \times 10^6$	0.0292	1.362×10^{-6}	2779 ± 328
$(6.277 \pm 0.229) \times 10^6$	0.0292	1.362×10^{-6}	3340 ± 382
$(6.340 \pm 0.157) \times 10^6$	0.0292	1.362×10^{-6}	3388 ± 384
$(6.458 \pm 0.140) \times 10^6$	0.0292	1.362×10^{-6}	3178 ± 355
$(6.496 \pm 0.189) \times 10^6$	0.0292	1.362×10^{-6}	3508 ± 383
$(8.380 \pm 0.228) \times 10^6$	0.0292	1.362×10^{-6}	3770 ± 504
$(8.681 \pm 0.290) \times 10^6$	0.0292	1.362×10^{-6}	3985 ± 397
$(8.799 \pm 0.238) \times 10^6$	0.0292	1.362×10^{-6}	4223 ± 397
$(9.854 \pm 0.281) \times 10^6$	0.0293	1.363×10^{-6}	4209 ± 465
$(1.031 \pm 0.026) \times 10^7$	0.0292	1.362×10^{-6}	4315 ± 439
$(1.043 \pm 0.022) \times 10^7$	0.0292	1.362×10^{-6}	3884 ± 426
$(1.045 \pm 0.027) \times 10^7$	0.0292	1.362×10^{-6}	4107 ± 487
$(1.045 \pm 0.030) \times 10^7$	0.0292	1.362×10^{-6}	4882 ± 435
$(1.053 \pm 0.030) \times 10^7$	0.0292	1.362×10^{-6}	4233 ± 486
$(1.254 \pm 0.030) \times 10^7$	0.0292	1.362×10^{-6}	4609 ± 496
$(1.263 \pm 0.036) \times 10^7$	0.0292	1.362×10^{-6}	4728 ± 467
$(1.270 \pm 0.033) \times 10^7$	0.0292	1.362×10^{-6}	4547 ± 568
$(1.665 \pm 0.040) \times 10^7$	0.0292	1.362×10^{-6}	5328 ± 582
$(1.672 \pm 0.044) \times 10^7$	0.0292	1.362×10^{-6}	5103 ± 610
$(1.726 \pm 0.038) \times 10^7$	0.0292	1.361×10^{-6}	5109 ± 631
$(1.805 \pm 0.042) \times 10^7$	0.0291	1.360×10^{-6}	4941 ± 568
$(2.506 \pm 0.058) \times 10^7$	0.0292	1.361×10^{-6}	6087 ± 733
$(2.531 \pm 0.061) \times 10^7$	0.0292	1.361×10^{-6}	5909 ± 642
$(2.536 \pm 0.052) \times 10^7$	0.0292	1.361×10^{-6}	5903 ± 680
$(2.547 \pm 0.055) \times 10^7$	0.0292	1.361×10^{-6}	6160 ± 709
$(3.222 \pm 0.084) \times 10^7$	0.0292	1.362×10^{-6}	6501 ± 780
$(3.318 \pm 0.088) \times 10^7$	0.0292	1.361×10^{-6}	7185 ± 862
$(3.342 \pm 0.071) \times 10^7$	0.0292	1.361×10^{-6}	6653 ± 776
$(3.344 \pm 0.065) \times 10^7$	0.0292	1.361×10^{-6}	6766 ± 781
$(3.387 \pm 0.068) \times 10^7$	0.0292	1.360×10^{-6}	7162 ± 874
$(4.824 \pm 0.100) \times 10^7$	0.0291	1.359×10^{-6}	7860 ± 1006
$(4.853 \pm 0.095) \times 10^7$	0.0290	1.356×10^{-6}	8010 ± 1008
$(5.113 \pm 0.098) \times 10^7$	0.0290	1.357×10^{-6}	8086 ± 1029
$(5.281 \pm 0.098) \times 10^7$	0.0290	1.358×10^{-6}	8491 ± 1091
$(5.813 \pm 0.112) \times 10^7$	0.0291	1.359×10^{-6}	8569 ± 1058
$(5.816 \pm 0.118) \times 10^7$	0.0281	1.340×10^{-6}	8453 ± 1106
$(5.894 \pm 0.127) \times 10^7$	0.0281	1.340×10^{-6}	8878 ± 1171
$(5.934 \pm 0.130) \times 10^7$	0.0280	1.337×10^{-6}	8378 ± 1138

Measurements with magnetic field

The uncertainties of Pr and Pm are, at most, 10^{-4} and 10^{-9} , respectively.

Ra	Ha	Pr	Pm	Re_{global}	Nu	Regime	Figure
$(1.045 \pm 0.033) \times 10^6$	13.15 ± 0.05	0.0292	1.362×10^{-6}	1622 ± 125	–	LSC: Oscillations	2(a)
$(1.044 \pm 0.025) \times 10^6$	65.75 ± 0.25	0.0292	1.362×10^{-6}	1175 ± 92	–	LSC: Oscillations	
$(1.043 \pm 0.036) \times 10^6$	65.75 ± 0.25	0.0292	1.362×10^{-6}	1153 ± 81	–	LSC: Oscillations	2(b)
$(1.045 \pm 0.041) \times 10^6$	131.5 ± 0.5	0.0292	1.362×10^{-6}	617.7 ± 33.8	–	LSC: No oscillations	
$(1.044 \pm 0.021) \times 10^6$	131.5 ± 0.5	0.0292	1.362×10^{-6}	695.6 ± 46.8	–	LSC: No oscillations	
$(1.044 \pm 0.020) \times 10^6$	263.0 ± 1.0	0.0292	1.362×10^{-6}	213.8 ± 15.9	–	Cellular	
$(1.045 \pm 0.027) \times 10^6$	328.7 ± 1.2	0.0292	1.362×10^{-6}	198.9 ± 54.3	–	Wall mode	
$(1.045 \pm 0.020) \times 10^6$	460.2 ± 1.7	0.0292	1.362×10^{-6}	176.3 ± 61.0	–	Wall mode	
$(1.044 \pm 0.020) \times 10^6$	657.5 ± 2.5	0.0292	1.362×10^{-6}	144.0 ± 12.5	–	Wall mode	
$(2.085 \pm 0.050) \times 10^6$	13.15 ± 0.05	0.0292	1.362×10^{-6}	2074 ± 239	–	LSC: Oscillations	5(a)
$(2.090 \pm 0.052) \times 10^6$	13.15 ± 0.05	0.0292	1.362×10^{-6}	2030 ± 219	–	LSC: Oscillations	
$(2.090 \pm 0.046) \times 10^6$	65.75 ± 0.25	0.0292	1.362×10^{-6}	1795 ± 161	–	LSC: Oscillations	
$(2.089 \pm 0.040) \times 10^6$	65.75 ± 0.25	0.0292	1.362×10^{-6}	1696 ± 149	–	LSC: Oscillations	
$(2.088 \pm 0.025) \times 10^6$	131.5 ± 0.5	0.0292	1.362×10^{-6}	1134 ± 135	–	LSC: No oscillations	
$(2.089 \pm 0.023) \times 10^6$	131.5 ± 0.5	0.0292	1.362×10^{-6}	983.6 ± 114.2	–	LSC: No oscillations	
$(2.090 \pm 0.031) \times 10^6$	197.2 ± 0.7	0.0292	1.362×10^{-6}	535.9 ± 21.8	–	LSC: No oscillations	
$(2.087 \pm 0.022) \times 10^6$	263.0 ± 1.0	0.0292	1.362×10^{-6}	449.4 ± 56.4	–	LSC: No oscillations	
$(2.092 \pm 0.026) \times 10^6$	263.0 ± 1.0	0.0292	1.362×10^{-6}	398.3 ± 32.1	–	Transition to cellular	
$(2.087 \pm 0.026) \times 10^6$	328.7 ± 1.2	0.0292	1.362×10^{-6}	434.5 ± 96.0	–	Cellular	
$(2.090 \pm 0.019) \times 10^6$	381.3 ± 1.4	0.0292	1.362×10^{-6}	347.4 ± 73.3	–	Cellular	5(a)
$(2.090 \pm 0.021) \times 10^6$	427.4 ± 1.6	0.0292	1.362×10^{-6}	210.2 ± 50.3	–	Wall mode	5(a)
$(2.090 \pm 0.021) \times 10^6$	460.2 ± 1.7	0.0292	1.362×10^{-6}	277.8 ± 129.8	–	Wall mode	5(a)
$(2.089 \pm 0.022) \times 10^6$	657.5 ± 2.5	0.0292	1.362×10^{-6}	189.0 ± 146.4	–	Wall mode	5(a)
$(4.180 \pm 0.112) \times 10^6$	13.15 ± 0.05	0.0292	1.362×10^{-6}	2921 ± 289	7.59 ± 0.80	LSC: Oscillations	2(d), 3(a)
$(4.178 \pm 0.078) \times 10^6$	65.75 ± 0.25	0.0292	1.362×10^{-6}	2474 ± 215	7.49 ± 0.48	LSC: Oscillations	
$(4.179 \pm 0.054) \times 10^6$	131.5 ± 0.5	0.0292	1.362×10^{-6}	1536 ± 104	5.99 ± 0.39	LSC: Plume entrainment	
$(4.179 \pm 0.058) \times 10^6$	263.0 ± 1.0	0.0292	1.362×10^{-6}	788.8 ± 114.4	–	Transition to cellular	
$(4.181 \pm 0.047) \times 10^6$	263.0 ± 1.0	0.0292	1.362×10^{-6}	680.7 ± 124.3	–	Transition to cellular	
$(4.182 \pm 0.089) \times 10^6$	263.0 ± 1.0	0.0292	1.362×10^{-6}	700.1 ± 80.7	–	Transition to cellular	
$(4.178 \pm 0.032) \times 10^6$	460.2 ± 1.7	0.0292	1.362×10^{-6}	522.4 ± 52.3	–	Cellular	
$(4.178 \pm 0.023) \times 10^6$	591.7 ± 2.2	0.0292	1.362×10^{-6}	298.2 ± 48.1	–	Cellular	
$(4.177 \pm 0.021) \times 10^6$	657.5 ± 2.5	0.0292	1.362×10^{-6}	134.4 ± 14.8	–	Wall mode	
$(4.178 \pm 0.023) \times 10^6$	854.7 ± 3.2	0.0292	1.362×10^{-6}	122.4 ± 25.1	–	Wall mode	
$(4.179 \pm 0.022) \times 10^6$	1052 ± 4	0.0292	1.362×10^{-6}	126.3 ± 24.6	–	Wall mode	

$(6.268 \pm 0.164) \times 10^6$	13.15 ± 0.05	0.0292	1.362×10^{-6}	3306 ± 346	8.10 ± 0.61	LSC: Oscillations	
$(6.271 \pm 0.123) \times 10^6$	65.75 ± 0.25	0.0292	1.362×10^{-6}	2743 ± 279	7.71 ± 0.52	LSC: Oscillations	
$(6.271 \pm 0.075) \times 10^6$	131.5 ± 0.5	0.0292	1.362×10^{-6}	1919 ± 152	7.28 ± 0.39	LSC: Plume entrainment	
$(6.263 \pm 0.067) \times 10^6$	263.0 ± 1.0	0.0292	1.362×10^{-6}	1068 ± 166	5.48 ± 0.40	Transition to cellular	
$(6.268 \pm 0.025) \times 10^6$	460.2 ± 1.7	0.0292	1.362×10^{-6}	424.8 ± 100.9	–	Cellular	
$(6.270 \pm 0.022) \times 10^6$	657.5 ± 2.5	0.0292	1.362×10^{-6}	328.6 ± 81.9	–	Cellular	
$(6.269 \pm 0.031) \times 10^6$	854.7 ± 3.2	0.0292	1.362×10^{-6}	99.47 ± 12.31	–	Wall mode	
$(6.268 \pm 0.022) \times 10^6$	1052 ± 4	0.0292	1.362×10^{-6}	87.35 ± 18.06	–	Wall mode	
$(1.045 \pm 0.027) \times 10^7$	13.15 ± 0.05	0.0292	1.362×10^{-6}	4221 ± 431	9.19 ± 0.71	LSC: Oscillations	
$(1.045 \pm 0.028) \times 10^7$	65.76 ± 0.25	0.0292	1.362×10^{-6}	3486 ± 364	9.23 ± 0.80	LSC: Oscillations	4(b)
$(1.045 \pm 0.018) \times 10^7$	65.76 ± 0.25	0.0292	1.362×10^{-6}	3607 ± 404	–	LSC: Oscillations	
$(1.045 \pm 0.012) \times 10^7$	131.5 ± 0.5	0.0292	1.362×10^{-6}	2451 ± 231	9.07 ± 0.35	LSC: Plume entrainment	
$(1.045 \pm 0.013) \times 10^7$	131.5 ± 0.5	0.0292	1.362×10^{-6}	2579 ± 306	–	LSC: Plume entrainment	
$(1.045 \pm 0.009) \times 10^7$	197.3 ± 0.7	0.0292	1.362×10^{-6}	1746 ± 110	7.67 ± 0.28	LSC: Plume entrainment	
$(1.045 \pm 0.017) \times 10^7$	263.0 ± 1.0	0.0292	1.362×10^{-6}	1320 ± 235	–	LSC: Plume entrainment	
$(1.045 \pm 0.015) \times 10^7$	263.0 ± 1.0	0.0292	1.362×10^{-6}	1049 ± 151	6.62 ± 0.40	LSC: Plume entrainment	
$(1.044 \pm 0.007) \times 10^7$	460.3 ± 1.7	0.0292	1.362×10^{-6}	745.9 ± 221.4	5.05 ± 0.31	Cellular	4(c)
$(1.045 \pm 0.010) \times 10^7$	460.3 ± 1.7	0.0292	1.362×10^{-6}	763.0 ± 201.5	–	Cellular	
$(1.045 \pm 0.003) \times 10^7$	657.5 ± 2.5	0.0292	1.362×10^{-6}	–	3.18 ± 0.14	Cellular	
$(1.044 \pm 0.003) \times 10^7$	657.5 ± 2.5	0.0292	1.362×10^{-6}	661.7 ± 91.1	3.67 ± 0.17	Cellular	
$(1.045 \pm 0.004) \times 10^7$	657.5 ± 2.5	0.0292	1.362×10^{-6}	430.4 ± 54.2	3.18 ± 0.15	Cellular	
$(1.045 \pm 0.002) \times 10^7$	657.5 ± 2.5	0.0292	1.362×10^{-6}	579.8 ± 144.6	–	Cellular	
$(1.045 \pm 0.007) \times 10^7$	657.5 ± 2.5	0.0292	1.362×10^{-6}	698.4 ± 124.6	3.41 ± 0.20	Cellular	
$(1.045 \pm 0.002) \times 10^7$	854.8 ± 3.2	0.0292	1.362×10^{-6}	409.2 ± 61.8	–	Cellular	4(d)
$(1.044 \pm 0.002) \times 10^7$	1052 ± 4	0.0292	1.362×10^{-6}	116.7 ± 33.1	–	Wall mode	2(e), 4(e)
$(1.671 \pm 0.043) \times 10^7$	13.15 ± 0.05	0.0292	1.362×10^{-6}	5240 ± 590	11.0 ± 0.8	LSC: Oscillations	
$(1.670 \pm 0.034) \times 10^7$	65.77 ± 0.25	0.0292	1.362×10^{-6}	4670 ± 495	10.9 ± 0.6	LSC: Oscillations	
$(1.671 \pm 0.021) \times 10^7$	131.5 ± 0.5	0.0292	1.362×10^{-6}	3633 ± 302	10.9 ± 0.4	LSC: Plume entrainment	
$(1.672 \pm 0.021) \times 10^7$	263.1 ± 1.0	0.0292	1.362×10^{-6}	1695 ± 206	8.55 ± 0.36	LSC: Plume entrainment	
$(1.672 \pm 0.015) \times 10^7$	460.3 ± 1.7	0.0292	1.362×10^{-6}	1180 ± 179	6.75 ± 0.27	Cellular	
$(1.670 \pm 0.013) \times 10^7$	657.6 ± 2.5	0.0292	1.362×10^{-6}	690.5 ± 229.8	4.98 ± 0.26	Cellular	
$(1.671 \pm 0.002) \times 10^7$	854.8 ± 3.2	0.0292	1.362×10^{-6}	904.8 ± 176.5	3.63 ± 0.13	Cellular	
$(1.671 \pm 0.003) \times 10^7$	1052 ± 4	0.0292	1.362×10^{-6}	408.7 ± 97.6	2.97 ± 0.12	Cellular	
$(2.508 \pm 0.063) \times 10^7$	65.79 ± 0.25	0.0292	1.361×10^{-6}	5385 ± 634	11.6 ± 0.7	LSC: Oscillations	
$(2.510 \pm 0.033) \times 10^7$	131.6 ± 0.5	0.0292	1.361×10^{-6}	4545 ± 458	11.8 ± 0.3	LSC: Plume entrainment	
$(2.507 \pm 0.030) \times 10^7$	263.1 ± 1.0	0.0292	1.362×10^{-6}	2514 ± 497	9.77 ± 0.33	LSC: Plume entrainment	
$(3.342 \pm 0.073) \times 10^7$	13.16 ± 0.05	0.0292	1.361×10^{-6}	7043 ± 832	12.5 ± 0.6	LSC: Oscillations	
$(3.337 \pm 0.073) \times 10^7$	65.81 ± 0.25	0.0292	1.361×10^{-6}	6164 ± 805	12.3 ± 0.6	LSC: Oscillations	

$(3.343 \pm 0.041) \times 10^7$	131.6 ± 0.5	0.0292	1.361×10^{-6}	6361 ± 587	12.3 ± 0.4	LSC: Plume entrainment	
$(3.344 \pm 0.035) \times 10^7$	263.2 ± 1.0	0.0292	1.361×10^{-6}	2675 ± 357	11.0 ± 0.3	LSC: Plume entrainment	
$(3.345 \pm 0.035) \times 10^7$	263.2 ± 1.0	0.0292	1.361×10^{-6}	2542 ± 323	10.8 ± 0.3	LSC: Plume entrainment	
$(3.340 \pm 0.048) \times 10^7$	460.5 ± 1.7	0.0292	1.361×10^{-6}	1658 ± 392	8.84 ± 0.41	Transition to cellular	
$(3.344 \pm 0.039) \times 10^7$	657.8 ± 2.5	0.0292	1.362×10^{-6}	1311 ± 396	7.20 ± 0.30	Cellular	
$(3.345 \pm 0.030) \times 10^7$	855.1 ± 3.2	0.0292	1.362×10^{-6}	1207 ± 467	5.90 ± 0.25	Cellular	
$(3.342 \pm 0.008) \times 10^7$	1052 ± 4	0.0292	1.362×10^{-6}	854.2 ± 246.8	4.75 ± 0.19	Cellular	
$(3.344 \pm 0.006) \times 10^7$	1052 ± 4	0.0292	1.362×10^{-6}	1261 ± 375	5.12 ± 0.16	Cellular	
$(3.346 \pm 0.009) \times 10^7$	1052 ± 4	0.0292	1.362×10^{-6}	878.8 ± 298.2	4.88 ± 0.15	Cellular	
$(5.822 \pm 0.114) \times 10^7$	13.18 ± 0.05	0.0291	1.359×10^{-6}	8329 ± 1024	15.7 ± 0.9	LSC: Oscillations	
$(5.914 \pm 0.141) \times 10^7$	13.35 ± 0.06	0.0282	1.341×10^{-6}	8542 ± 1069	15.7 ± 0.9	LSC: Oscillations	
$(5.807 \pm 0.115) \times 10^7$	65.89 ± 0.25	0.0291	1.359×10^{-6}	7589 ± 1070	15.2 ± 0.9	LSC: Oscillations	
$(5.840 \pm 0.084) \times 10^7$	131.8 ± 0.5	0.0291	1.359×10^{-6}	6453 ± 758	15.0 ± 0.7	LSC: Oscillations	
$(5.820 \pm 0.074) \times 10^7$	131.8 ± 0.5	0.0291	1.359×10^{-6}	6638 ± 648	15.5 ± 0.5	LSC: Oscillations	
$(5.777 \pm 0.086) \times 10^7$	131.8 ± 0.5	0.0291	1.359×10^{-6}	6328 ± 734	15.5 ± 0.6	LSC: Oscillations	
$(5.855 \pm 0.056) \times 10^7$	263.4 ± 1.0	0.0291	1.360×10^{-6}	3926 ± 385	14.3 ± 0.4	LSC: Plume entrainment	2(c)
$(5.852 \pm 0.063) \times 10^7$	263.5 ± 1.0	0.0291	1.360×10^{-6}	3861 ± 488	14.0 ± 0.5	LSC: Plume entrainment	
$(5.845 \pm 0.057) \times 10^7$	263.5 ± 1.0	0.0291	1.360×10^{-6}	3844 ± 415	14.4 ± 0.4	LSC: Plume entrainment	
$(5.839 \pm 0.054) \times 10^7$	263.5 ± 1.0	0.0291	1.360×10^{-6}	3857 ± 398	14.4 ± 0.4	LSC: Plume entrainment	
$(5.849 \pm 0.100) \times 10^7$	460.9 ± 1.8	0.0291	1.360×10^{-6}	2576 ± 590	12.0 ± 0.6	Transition to cellular	
$(5.855 \pm 0.051) \times 10^7$	658.3 ± 2.5	0.0292	1.361×10^{-6}	2257 ± 648	10.1 ± 0.3	Cellular	
$(5.855 \pm 0.039) \times 10^7$	855.6 ± 3.2	0.0292	1.361×10^{-6}	1531 ± 486	8.89 ± 0.31	Cellular	
$(5.853 \pm 0.023) \times 10^7$	1053 ± 4	0.0292	1.361×10^{-6}	1436 ± 557	7.63 ± 0.27	Cellular	