

TABLE 11.—Values of $\log \tau_p/\rho_a^2$ computed by single decelerations at different heights for each of several sporadic Super-Schmidt meteors.

Trail no.	Height (km)	$\log \rho_a$ (gcm ⁻³)	s	Plate	$\log \tau_p/\rho_a^2$	p	$(\log \tau_p/\rho_a^2)_{s=0}$
9030 $v=23.7$ kms ⁻¹ $\chi=0.00$	90.01	-8.50	-0.22	ST	-11.42	7.7	
	89.64	-8.47	-0.18	SL	-11.31	7.7	
	87.78	-8.33	0.04	SL	-11.28	6.9	
	86.86	-8.25	0.38	ST	-11.43	6.1	
	82.24	-7.88	0.80	SL	-11.38	3.5	
	82.23	-7.88	0.80	ST	-11.27	3.4	
5572 $v=16.4$ kms ⁻¹ $\chi=0.00$	87.35	-8.29	-0.56	ST	-11.10	8.5	
	87.22	-8.28	-0.54	SS	-11.16	7.8	
	82.86	-7.93	0.07	SS	-11.21	5.6	
	82.75	-7.92	0.08	ST	-11.34	5.3	
	79.88	-7.69	0.71	ST	-11.02	3.5	
	79.80	-7.69	0.75	SS	-11.21	3.4	
12361 $v=22.1$ kms ⁻¹ $\chi=0.01$	93.13	-8.76	-0.54	SK	-10.93	8.8	
	92.53	-8.71	-0.42	SL	-10.80	8.5	
	91.43	-8.61	-0.19	SK	-10.80	7.8	
	91.12	-8.59	-0.13	SL	-10.80	7.6	
	90.40	-8.53	0.03	SK	-10.91	6.9	
	90.22	-8.52	0.07	SL	-10.87	6.7	
	88.08	-8.35	0.90	SL	-10.99	3.1	
	87.85	-8.33	1.07	SK	-10.80	2.7	
11973 $v=44.7$ kms ⁻¹ $\chi=-0.01$	98.83	-9.22	-0.53	ST	-11.02	8.6	
	98.30	-9.18	-0.47	SL	-11.20	8.4	
	97.38	-9.11	-0.38	ST	-10.95	8.4	
	96.84	-9.07	-0.32	SL	-11.12	8.1	
	91.04	-8.58	0.53	SL	-11.20	3.6	
	90.80	-8.56	0.57	ST	-10.98	3.7	
5532 $v=22.5$ kms ⁻¹ $\chi=0.01$	87.03	-8.26	-0.39	ST	-11.85	8.0	
	86.68	-8.23	-0.35	SL	-11.70	7.9	
	85.07	-8.10	-0.15	ST	-11.76	7.5	
	84.87	-8.09	-0.12	SL	-11.68	7.4	
	80.46	-7.74	0.67	SL	-11.76	3.7	
7161 $v=48.8$ kms ⁻¹ $\chi=-0.01$	105.78	-9.73	-0.85	SL	-10.80	9.0	
	105.25	-9.69	-0.79	ST	-10.74	9.1	
	102.74	-9.51	-0.51	ST	-10.71	8.7	
	102.31	-9.47	-0.46	SL	-10.68	8.6	
	101.57	-9.42	-0.38	ST	-10.50	7.9	
	100.90	-9.37	-0.31	SL	-10.63	8.2	
	96.64	-9.04	0.17	ST	-10.84	6.2	
	94.79	-8.90	0.44	SL	-10.74	5.0	
5195 $v=28.4$ kms ⁻¹ $\chi=0.02$	96.52	-9.02	-0.42	SL	-10.64	7.0	
	95.97	-8.99	-0.34	ST	-10.70	7.2	
	88.73	-8.40	0.68	SL	-10.64	2.2	
	88.63	-8.39	0.69	ST	-10.53	2.0	
8640 $v=55.4$ kms ⁻¹ $\chi=0.02$	106.14	-9.75	-0.33	SK	-10.13	8.2	
	105.65	-9.72	-0.28	SL	-10.33	7.8	
	101.44	-9.41	0.31	SK	-10.17	5.1	
	101.05	-9.38	0.35	SL	-10.29	4.4	
	99.23	-9.24	0.80	SK	-10.18	3.3	
	98.88	-9.22	0.88	SL	-10.06	2.8	
7216 $v=31.4$ kms ⁻¹ $\chi=0.06$	98.13	-9.18	-0.94	ST	-11.11	9.4	-10.94
	97.02	-9.07	-0.80	SL	-10.95	9.3	-10.81
	94.70	-8.89	-0.54	ST	-10.86	8.8	-10.76
	93.93	-8.83	-0.45	SL	-10.80	8.6	-10.72