TABLE VII

n	$4.917\times n$	Observed Charge	n	$4.917\times n$	Observed Charge
1	4.917	...	10	49.17	49.41
2	9.834	...	11	54.09	53.91
3	14.75	...	12	59.00	59.12
4	19.66	19.66	13	63.92	63.68
5	24.59	24.60	14	68.84	68.65
6	29.50	29.62	15	73.75	...
7	34.42	34.47	16	78.67	78.34
8	39.34	39.38	17	83.59	83.22
9	44.25	44.42	18	88.51	...

	$d = 0.5$cm		$d = 0.5$cm	Charge on ion			Frictional charge		
t_g	$v_1(= d/t_g)$ (cm/sec)	t_F	$v_2(= d/t_F)$ (cm/sec)	$(v_2' - v_2)$	n'	$\frac{v_2'-v_2}{n'}$	$v_1 + v_2$	n	$\frac{v_1+v_2}{n}$
18.2	.00286	3.8	0.01316				0.01602	3	.00534
18.6	*avr*			.00470	1	.00470			
19.2		2.8	.01786						
18.0				.01561	3	.00520			
17.2		22.2	.00225						
15.4				.00544	1	.00544			
16.7		6.5	.00769						
18.0				.00541	1	.00541			
15.4		21.9	.00228						
17.3				.01123	2	.00562			
18.4		3.7	.01351						
17.5						.00527			.00534
avr						*avr*			

TABLE VI[a]

t_g	t_F	$\frac{1}{t_F}$	$\frac{1}{t_F'} - \frac{1}{t_F}$	$4.917\times n$	Observed Charge
1	4.917	...	10	49.17	49.41
2	9.834	...	11	54.09	53.91
3	14.75	...	12	59.00	59.12
4	19.66	19.66	13	63.92	63.68
5	24.59	24.60	14	68.84	68.65
6	29.50	29.62	15	73.75	...
7	34.42	34.47	16	78.67	78.34
8	39.34	39.38	17	83.59	83.22
9	44.25	44.42	18	88.51	...

[a]Several values have been corrected in this table from the original paper.