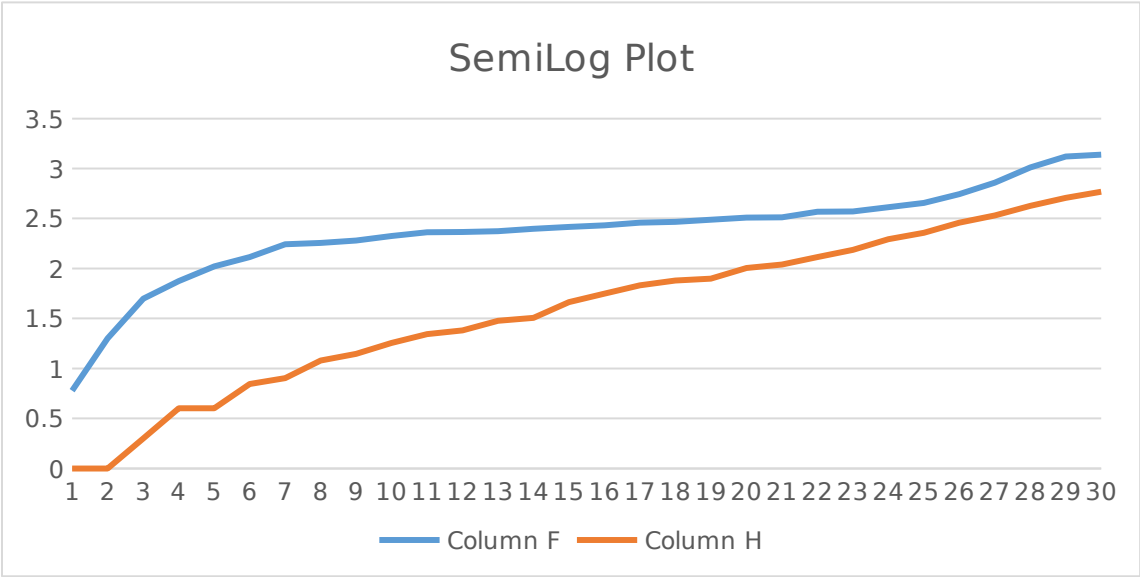
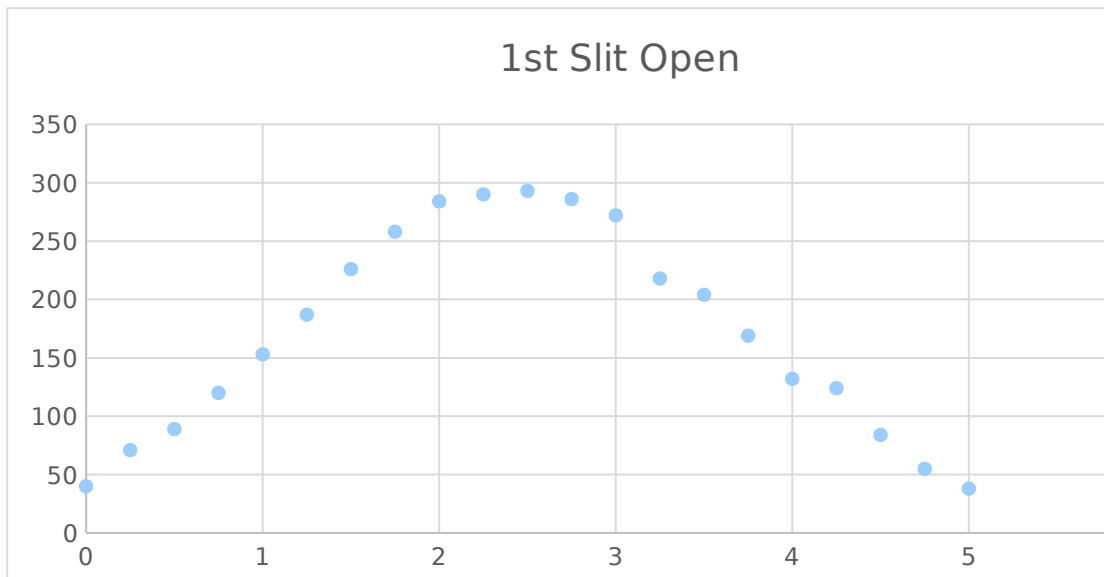
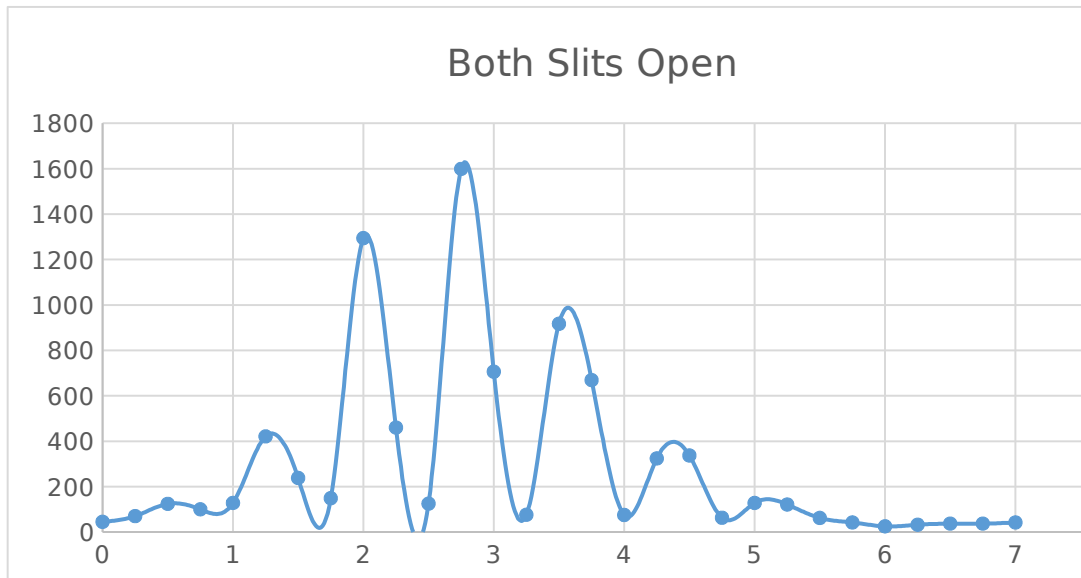


Playing with voltage

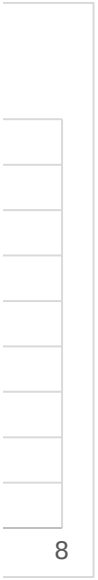
Voltage (300-650)	max rate	dark rate	logmaxrate	logdarkrate
300	0	0	Err:502	Err:502
310	0	0	Err:502	Err:502
320	0	0	Err:502	Err:502
330	0	0	Err:502	Err:502
340	0	0	Err:502	Err:502
350	1	0	0	Err:502
360	6	1	0.778151	0
370	20	1	1.30103	0
380	50	2	1.69897	0.30103
390	75	4	1.875061	0.60206
400	105	4	2.021189	0.60206
410	130	7	2.113943	0.845098
420	175	8	2.243038	0.90309
430	180	12	2.255273	1.079181
440	191	14	2.281033	1.146128
450	211	18	2.324282	1.255273
460	230	22	2.361728	1.342423
470	232	24	2.365488	1.380211
480	237	30	2.374748	1.477121
490	249	32	2.396199	1.50515
500	261	46	2.416641	1.662758
510	270	56	2.431364	1.748188
520	287	68	2.457882	1.832509
530	293	76	2.466868	1.880814
540	307	79	2.487138	1.897627
550	323	101	2.509203	2.004321
560	326	110	2.513218	2.041393
570	369	130	2.567026	2.113943
580	372	154	2.570543	2.187521
590	409	196	2.611723	2.292256
600	454	228	2.657056	2.357935
610	556	288	2.745075	2.459392
620	720	340	2.857332	2.531479
630	1026	423	3.011147	2.62634
640	1320	509	3.120574	2.706718
650	1376	588	3.138618	2.769377



ε	Chosen Voltage	Both open	count
		position (mm)	
	460	0	45
		0.25	70
		0.5	124
		0.75	100
		1	128
		1.25	421
		1.5	238
		1.75	149
		2	1294
		2.25	460
		2.5	125
		2.75	1599
		3	706
		3.25	76
		3.5	917
		3.75	669
		4	75
		4.25	324
		4.5	337
		4.75	63
		5	128
		5.25	121
		5.5	62
		5.75	42
		6	25
		6.25	32
		6.5	37
		6.75	37
		7	42



1st open (3.54mm)		2nd open		background
position(mm)	count	Position(mm)	count	
0	40	0	25	19
0.25	71	0.25	22	22
0.5	89	0.5	28	20
0.75	120	0.75	42	22
1	153	1	62	15
1.25	187	1.25	68	22
1.5	226	1.5	103	26
1.75	258	1.75	132	24
2	284	2	160	20
2.25	290	2.25	189	19
2.5	293	2.5	233	
2.75	286	2.75	252	
3	272	3	264	
3.25	218	3.25	256	
3.5	204	3.5	263	
3.75	169	3.75	244	
4	132	4	225	
4.25	124	4.25	208	
4.5	84	4.5	169	
4.75	55	4.75	141	
5	38	5	108	
		5.25	77	
		5.5	61	
		5.75	40	
		6	28	
		6.25	22	
		6.5	21	
		6.75	18	
		7	24	



d rate

