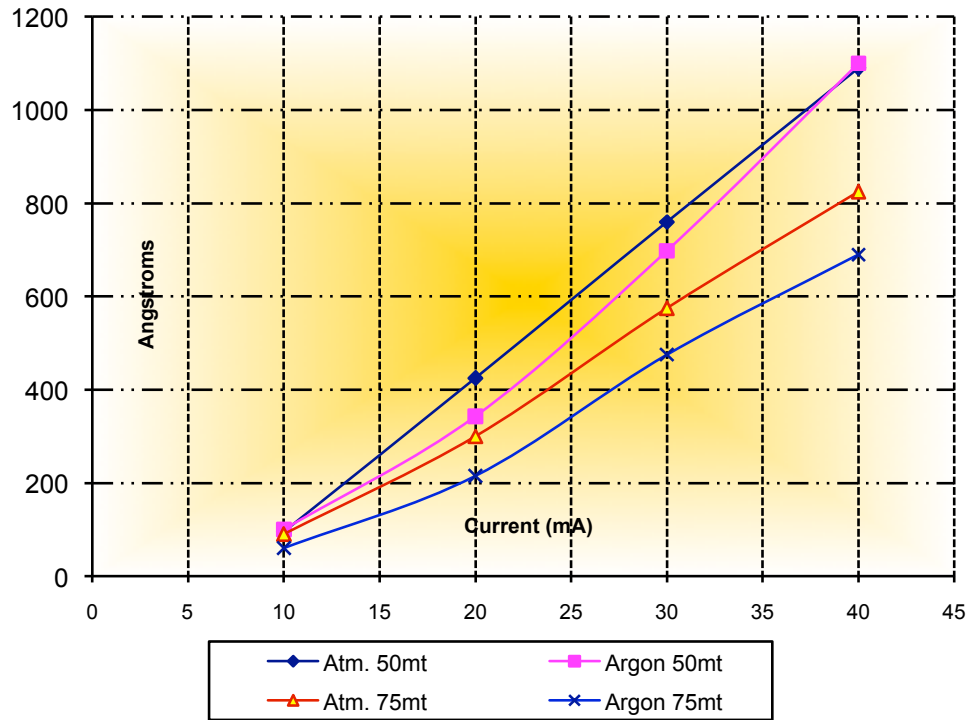


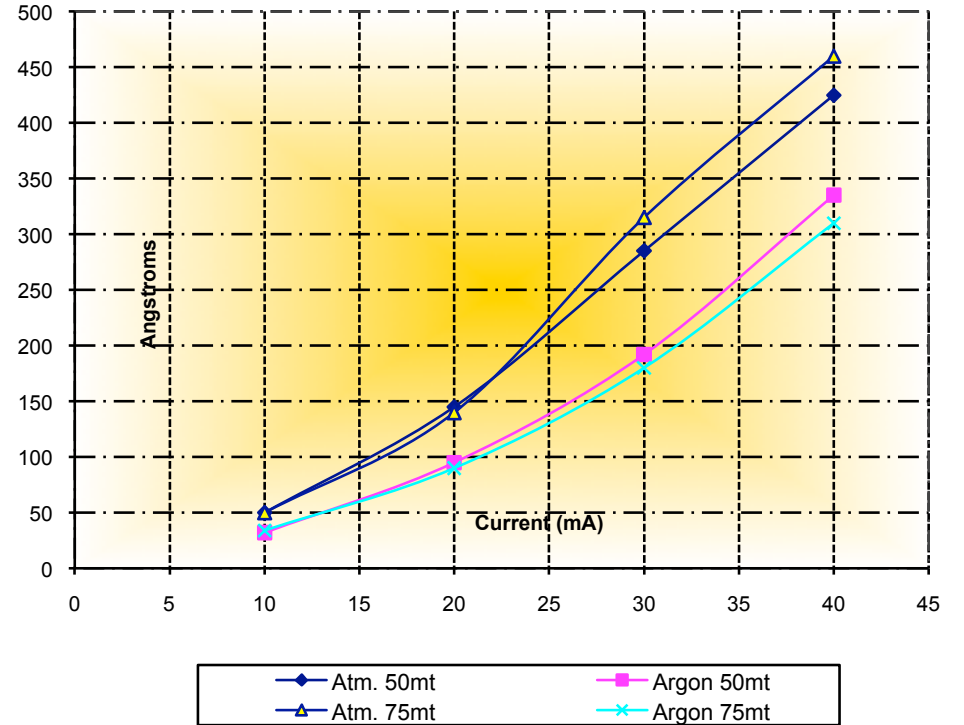
Gold				
Current (mA)	Atm. 50mt	Argon 50mt	Atm. 75mt	Argon 75mt
10	95	100	90	60
20	425	343	300	215
30	760	698	575	475
40	1090	1100	825	690

Gold/ Paladium				
Current (mA)	Atm. 50mt	Argon 50mt	Atm. 75mt	Argon 75mt
10	50	50	32	34
20	145	140	95	90
30	285	315	192	180
40	425	460	335	310

**Deposition Rate Gold Target**  
120 seconds



**Deposition Rate Gold/Paladium Target**  
120 seconds



## Desk V Sputtering Rates

Material	P [Ar] (Torr)	Power (mA)	Time (s)	Thickness (Å)	Rate (Å/s)
Ag	5.00E-03	50	600	1777	2.96
Al	6.00E-03	100	600	1047	1.75
Au/Pd	6.00E-03	100	600	3340	5.57
Cr	6.00E-03	100	600	1380	2.30
Cu	5.00E-03	100	600	1813	3.02
Fe	5.00E-03	100	1200	2082	1.74
Ir	5.00E-03	100	300	621.5	2.07
Mo	6.00E-03	100	600	930	1.55
Ni	5.00E-03	100	600	1518	2.53
Nb	6.00E-03	100	600	676	1.13
Rh	6.00E-03	100	300	896	2.99
Ta	5.00E-03	100	1200	1620	1.35
Ti	5.00E-03	100	600	1047	1.75
W	6.00E-03	100	300	466	1.55