|	Alg 1	Alg 2	Alg 3					
100	4381.2	578.1	297.7		100	578.1	100	297.7
200	25846	2171.2	605.9		200	2171.2	200	605.9
300	77077.4	4809	939		300	4809	300	939
400	168979.8	8679.8	1278.6		400	8679.8	400	1278.6
500	316515.7	13621.6	1621.9		500	13621.6	500	1621.9
600	529024.7	19502.3	1971.1		600	19502.3	600	1971.1
700	818525.6	26344	2313.6		700	26344	700	2313.6
800	207576.4	34577.8	2669.5		800	34577.8	800	2669.5
900	689885.4	43979	3026		900	43979	900	3026
1000	306014.9	54099.3	3362.8		1000	54099.3	1000	3362.8
2000	298324.2	216514.9	7006.1		2000	216514.9	2000	7006.1
3000	507884.4	487800.7	10711.1		3000	487800.7	3000	10711.1
4000	594949.8	863355.1	14470.3		4000	863355.1	4000	14470.3
5000	642895.7	368598.4	18148.4		5000	368598.4	5000	18148.4
6000	626445.7	581644.8	22018.3		6000	581644.8	6000	22018.3
7000	463164.1	553150.9	25806		7000	553150.9	7000	25806
8000	493640.9	473517.9	29731.5		8000	473517.9	8000	29731.5
9000	510378	523590.8	33861.6		9000	523590.8	9000	33861.6

Algorithm 1

Enumeration

Number of elements in array
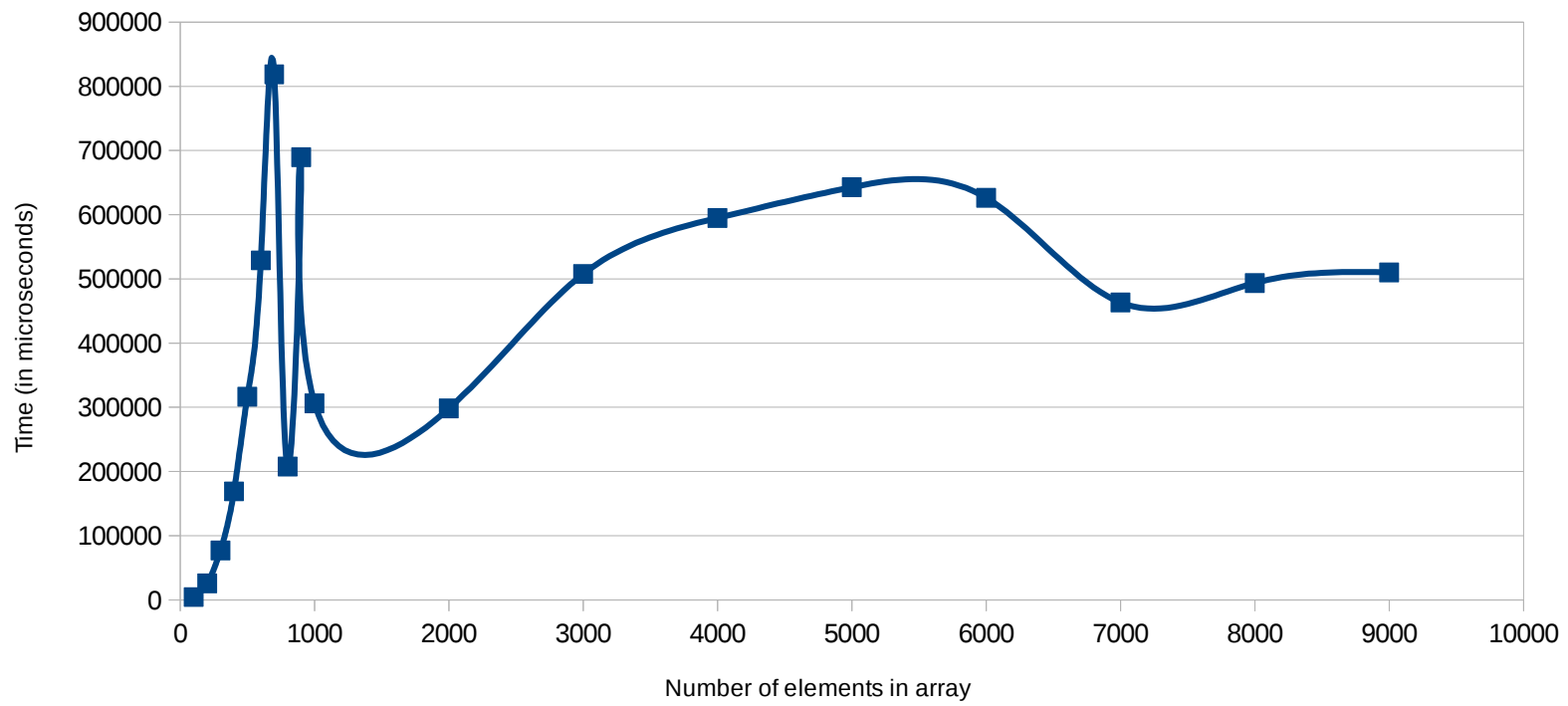
Algorithm 2

Better Enumeration
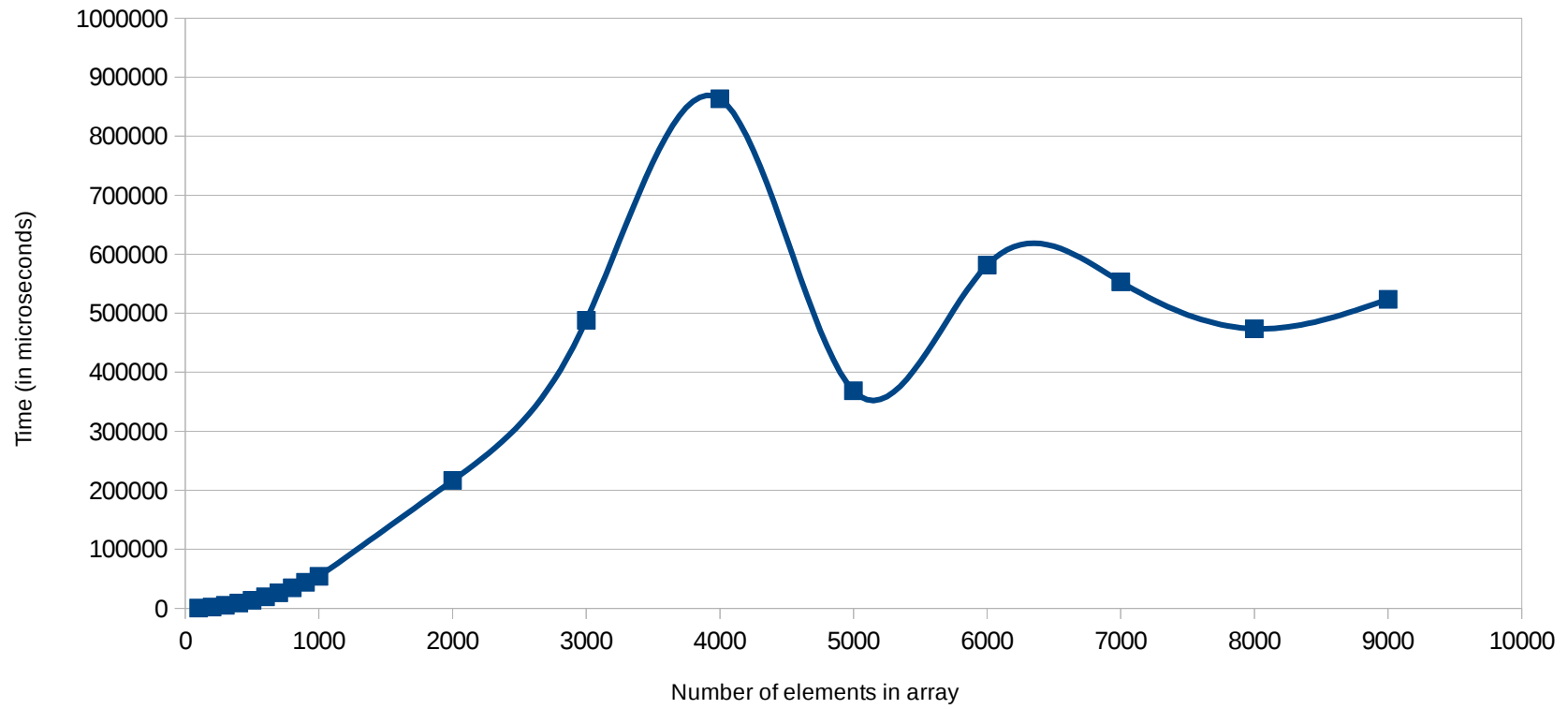
Algorithm 3

Divide & Conquer

Chart: Time (in microseconds) vs Number of elements in array

Comparison of Algorithms

Number of elements in array

Time (in microseconds)

- Alg 1
- Alg 2
- Alg 3
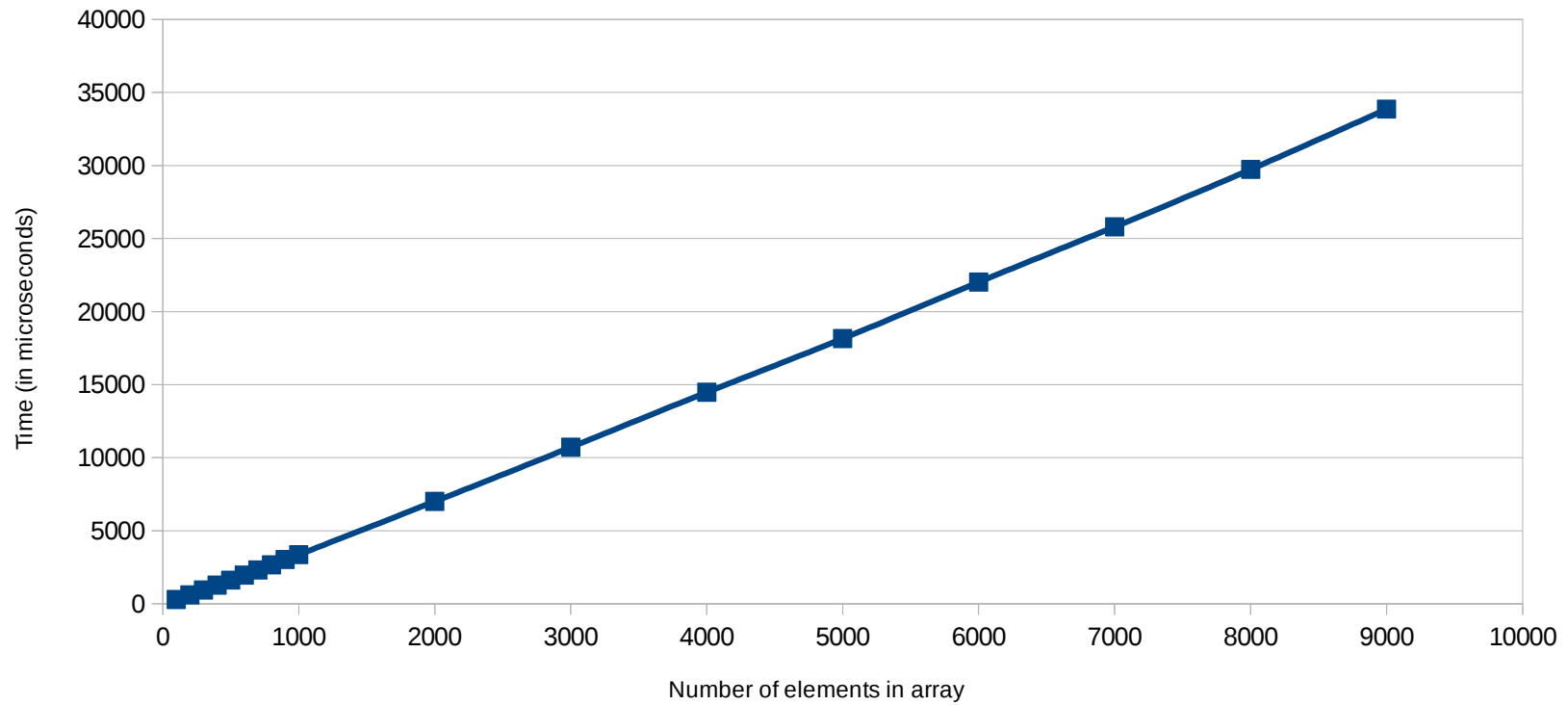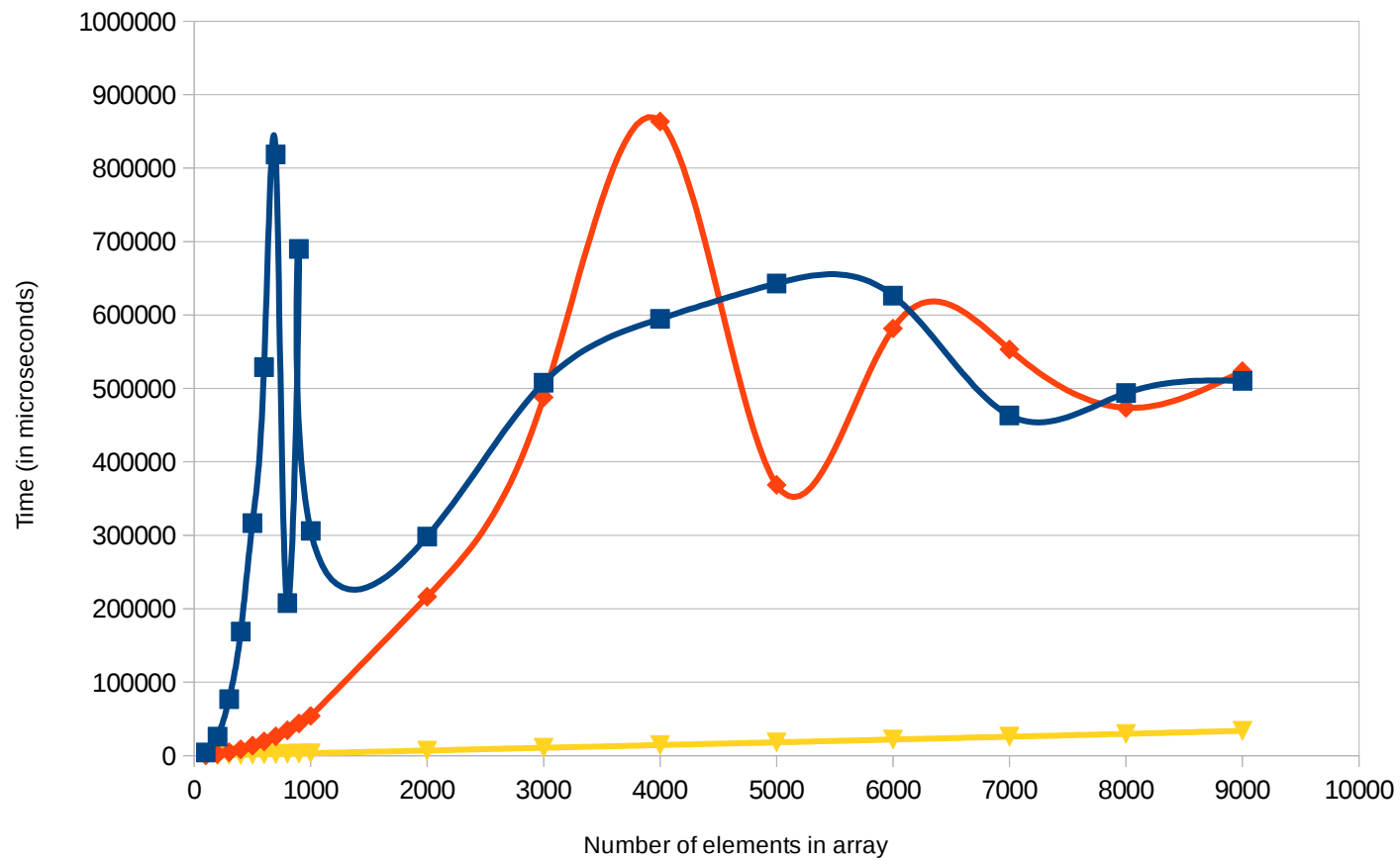
Comparison of Algorithms

A Log-Log plot

Legend: Alg 1, Alg 2, Alg 3

X-axis: Number of elements in array

Y-axis: Time (in microseconds)

Sheet1

Sheet1

Sheet1