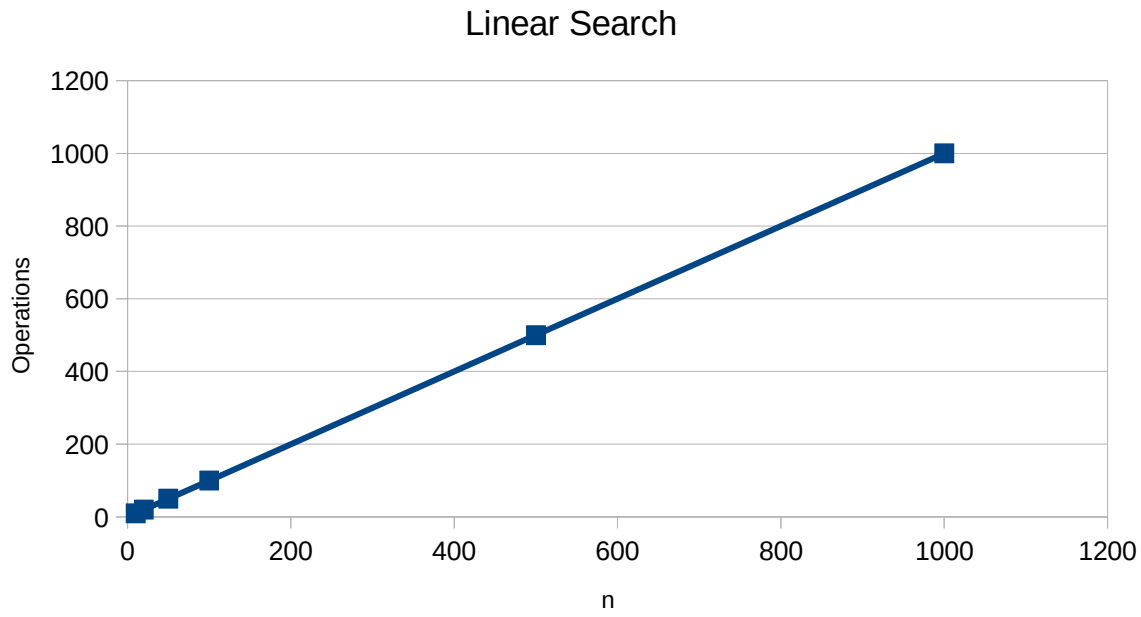
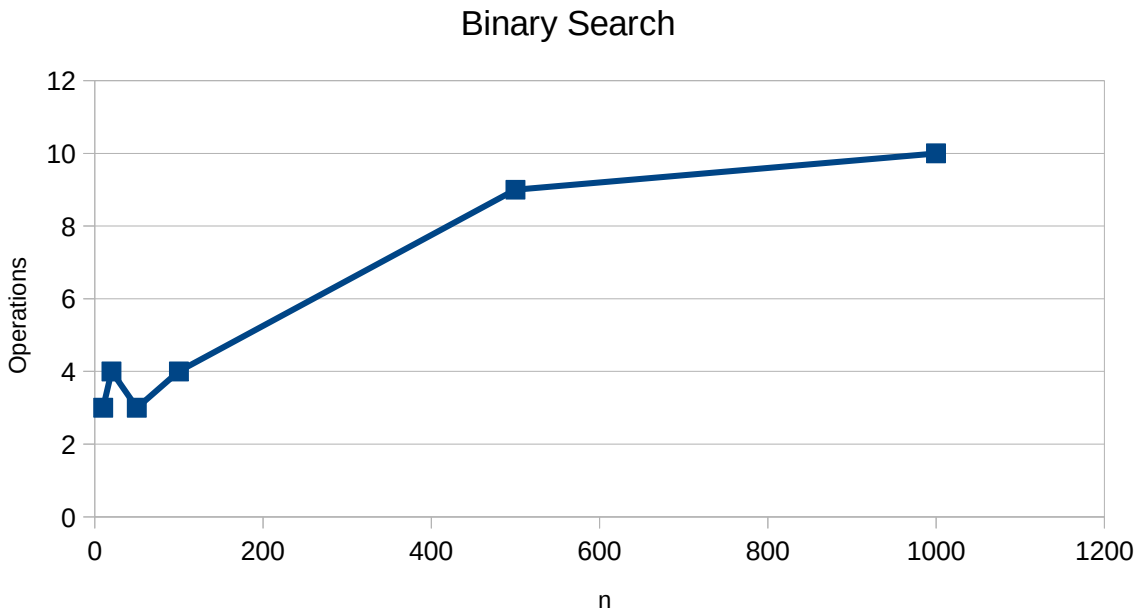
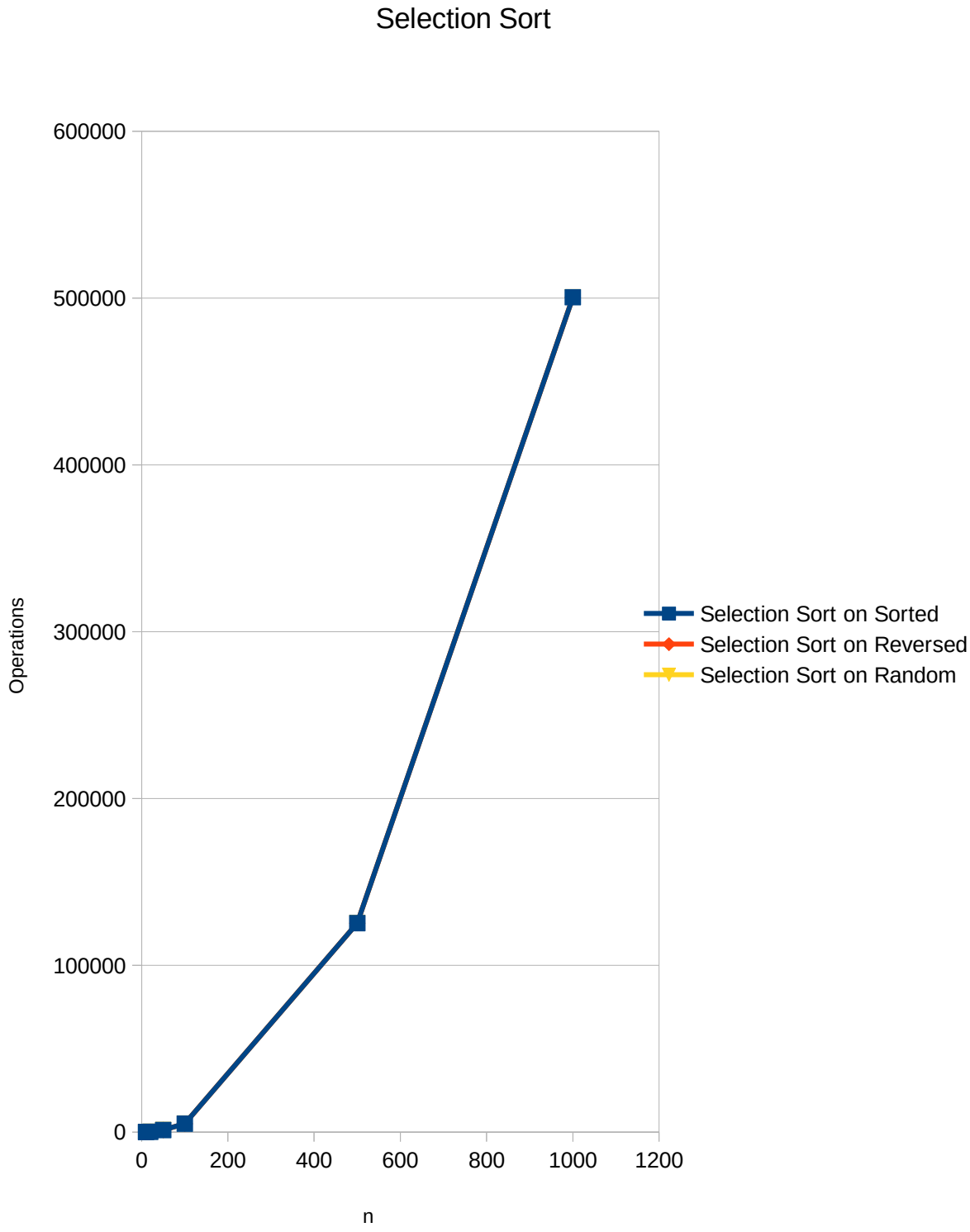
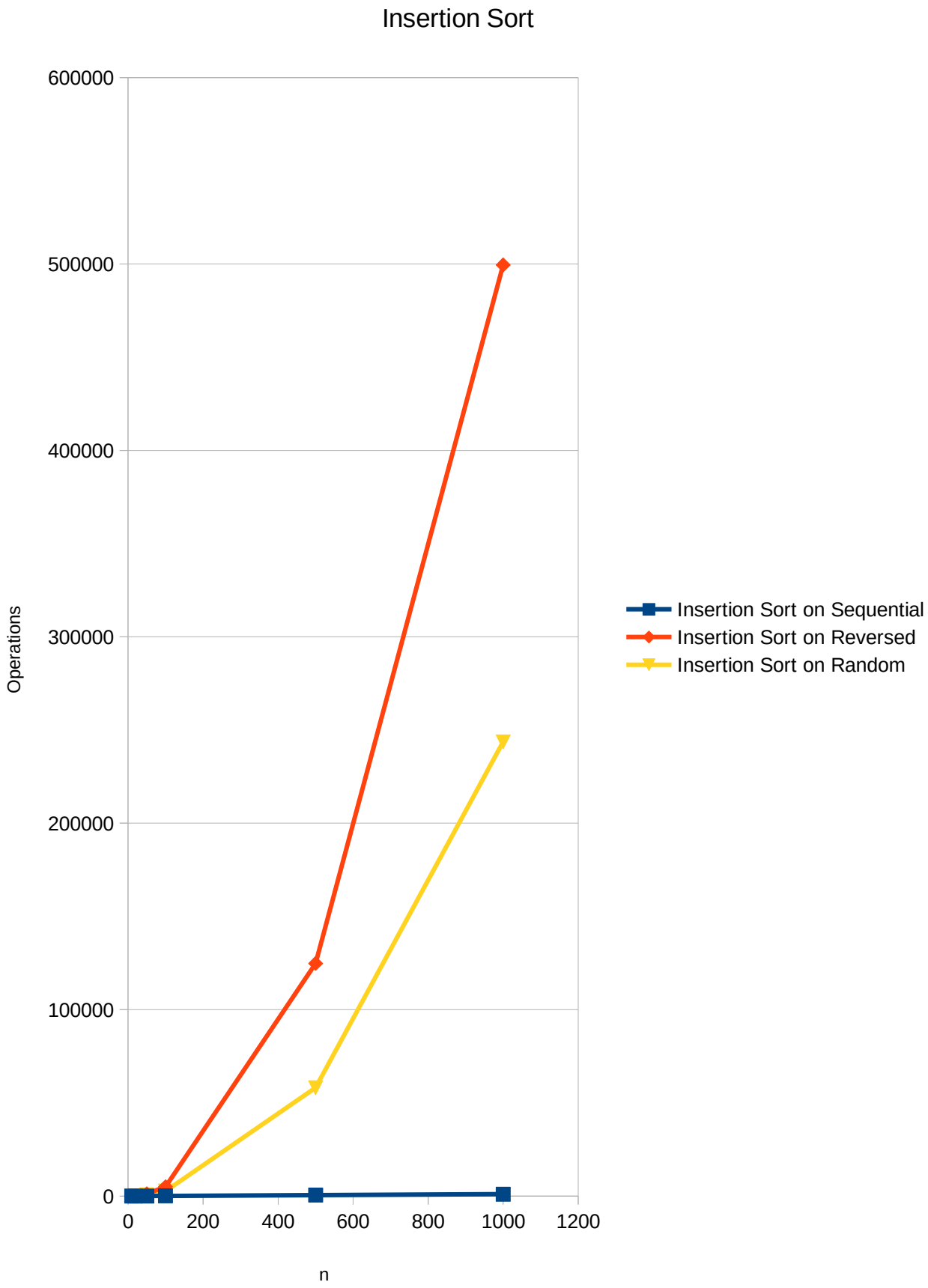
n	Linear Search	Binary Search	SS Sorted	SS Reversed	SS Random	IS Sorted	IS Reversed	IS Random	MS Sorted	MS Reversed	MS Random
10	10	3	55	55	55	9	45	33	19	15	23
20	20	4	210	210	210	19	190	100	48	40	64
50	50	3	1275	1275	1275	49	1225	648	153	133	223
100	100	4	5050	5050	5050	99	4950	2669	356	316	546
500	500	9	125250	125250	125250	499	124750	58110	2272	2216	3846
1000	1000	10	500500	500500	500500	999	499500	243642	5044	4932	8677






Selection Sort
600000
500000
400000
300000
200000
100000
0
Operations
0
200
400
600
800
1000
1200
n
Selection Sort on Sorted
Selection Sort on Reversed
Selection Sort on Random


Insertion Sort
600000
500000
400000
300000
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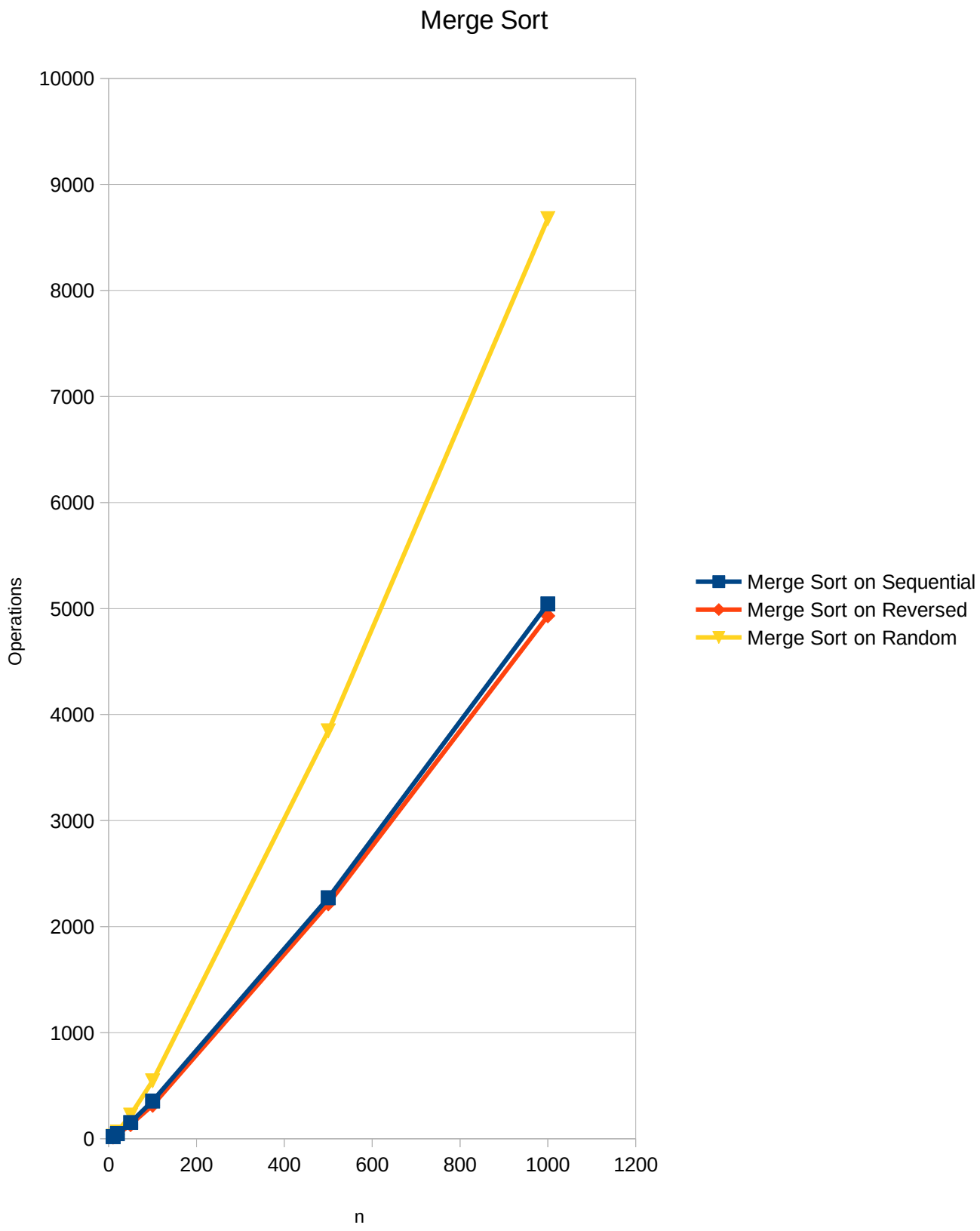
Operations
0
200
400
600
800
1000
1200
n
Insertion Sort on Sequential
Insertion Sort on Reversed
Insertion Sort on Random


Merge Sort
10000
9000
8000
7000
6000
5000
4000
3000
2000
1000
0
Operations
0
200
400
600
800
1000
1200
n
Merge Sort on Sequential
Merge Sort on Reversed
Merge Sort on Random