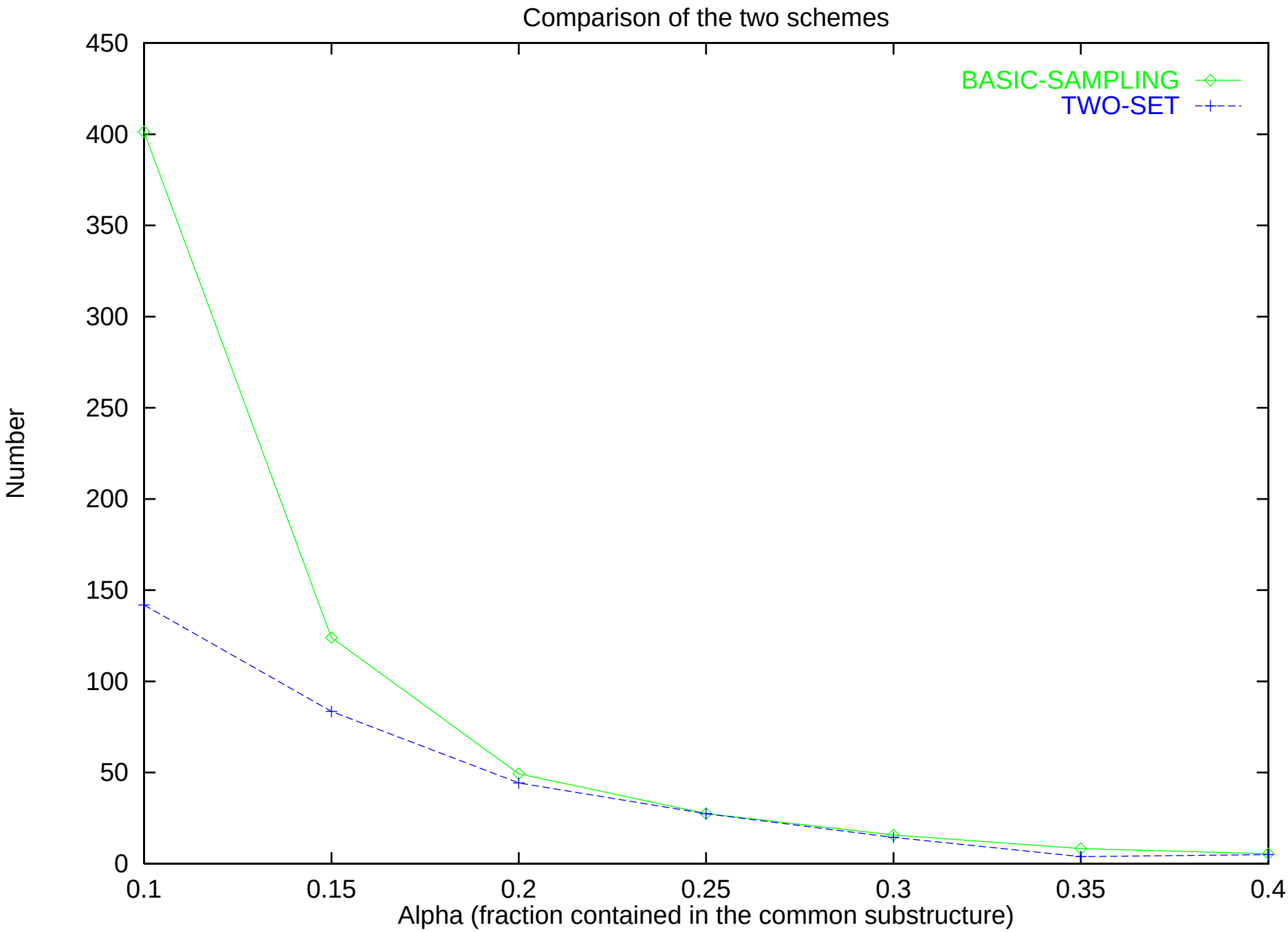
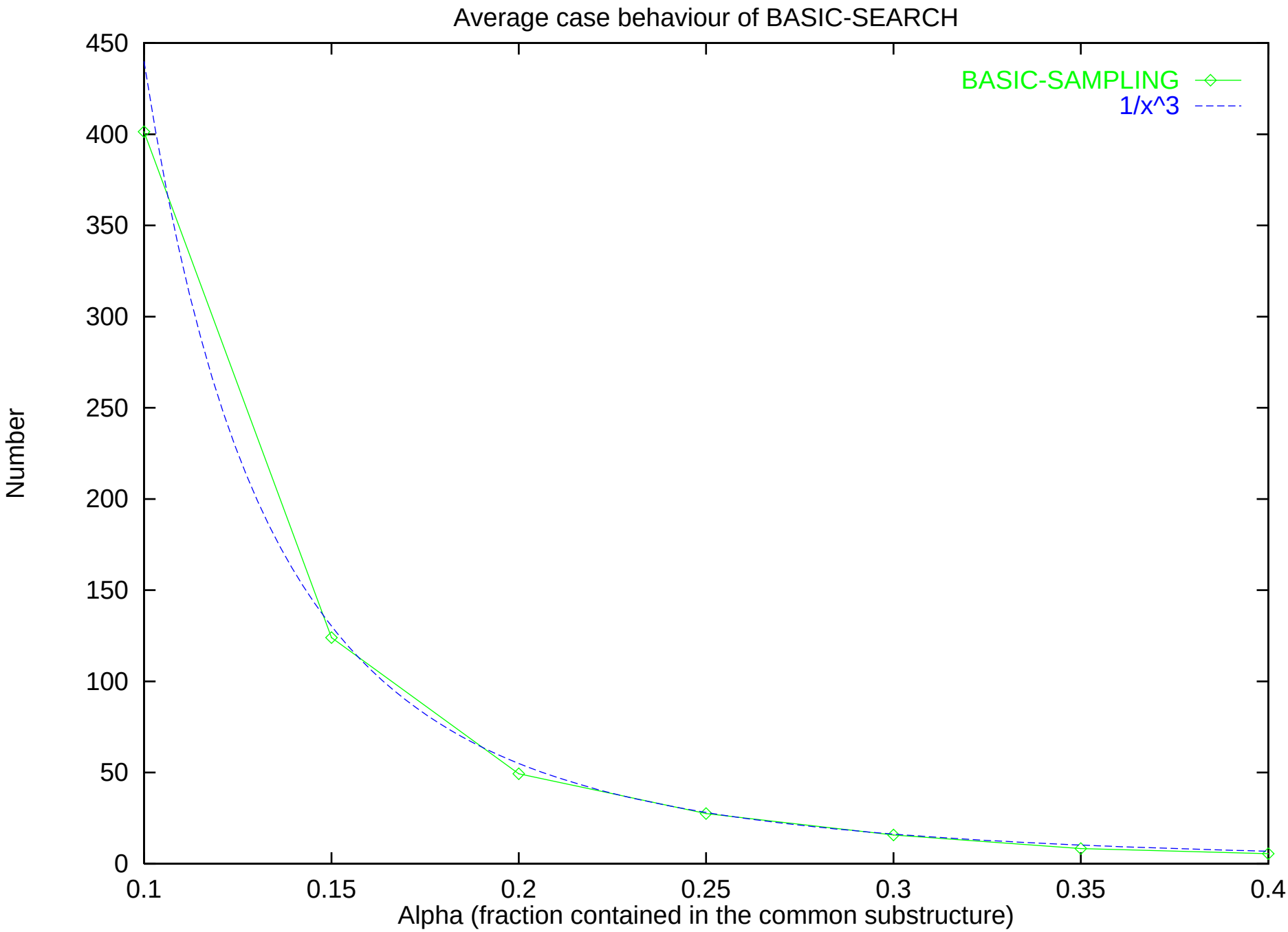
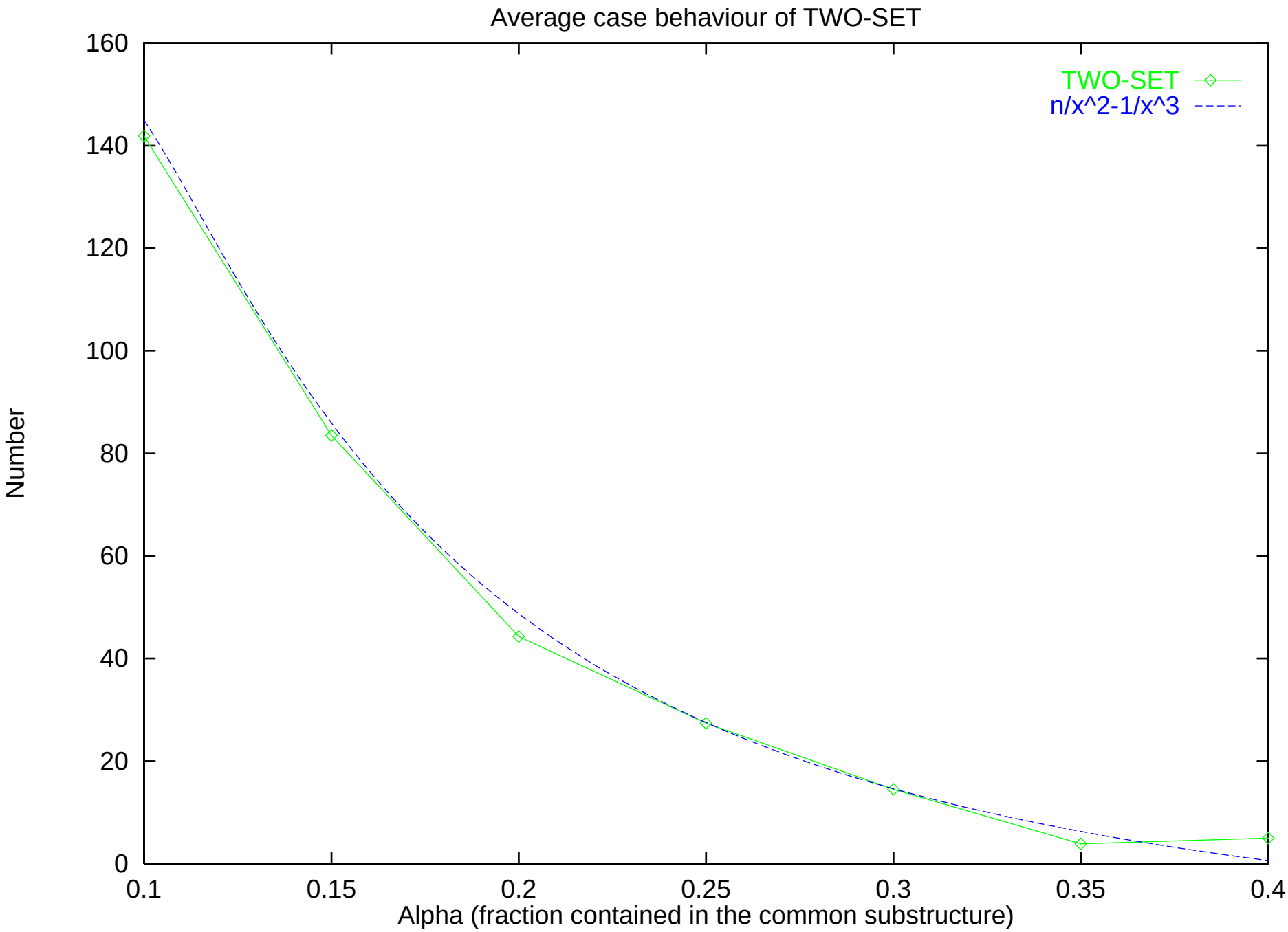

Comparison of the two schemes
BASIC-SAMPLING
TWO-SET
Number
Alpha (fraction contained in the common substructure)
0
50
100
150
200
250
300
350
400
450
0.1
0.15
0.2
0.25
0.3
0.35
0.4


Average case behaviour of BASIC-SEARCH
BASIC-SAMPLING
1/x^3
Number
Alpha (fraction contained in the common substructure)
450
400
350
300
250
200
150
100
50
0
0.1
0.15
0.2
0.25
0.3
0.35
0.4


Average case behaviour of TWO-SET
TWO-SET
n/x^2-1/x^3
Number
160
140
120
100
80
60
40
20
0
0.1
0.15
0.2
0.25
0.3
0.35
0.4
Alpha (fraction contained in the common substructure)